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**AFFARI**  
Lighting Solutions



**AFFARI**  
Lighting Solutions

# CONTENT

Dedicated to  
Linear lighting manufacturing

## ACCESSORIES

ONE STOP LINEAR  
SOLUTION

Aluminum  
profile  
Driver  
Controller

Full range  
for high &  
low output

COVERFLEX IP20

Polyurethane  
surface coating

COVERFLEX IP65

Polyurethane  
encapsulation

COVERFLEX IP68

Up to 190lm/w  
Indoor &  
outdoor  
From 9.6W to  
21W

COVERFLEX

Plug & Play  
Magical corner &  
shape solution

LEDLINE LIGO

IP65 with cut &  
connect  
Up to 50mtr. Per reel  
TOP & SIDE bending  
Different size  
White & colors

LEDLINE FLEX

IP68 with polyurethane  
encapsulation  
TOP & SIDE bending  
Different size  
White & colors

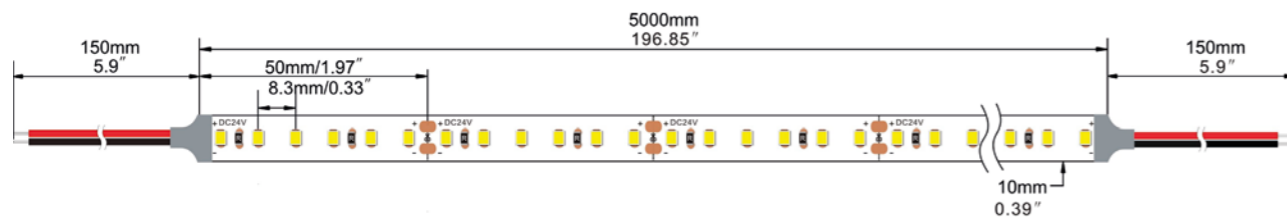
LEDLINE FLEX

# COVEFLEX POP



- Most popular item, suitable for all indoor projects
- Long lifespan and excellent in heat dissipation
- One BIN Only ensures perfect color consistency
- CRI80 and CRI90 optional
- SDCM 3
- Wide CCT range

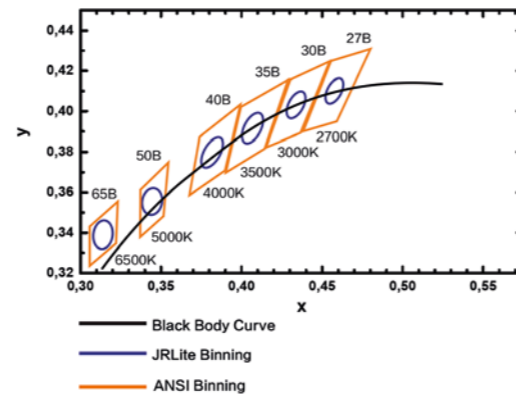
## DIMENSION



### Electrical data

Lumen efficiency	100lm/w(4000K)
SDCM	3 ( 2700K, 3000K, 4000K)
Ra	Ra90; Ra80 optional
SMD Type	2835
LEDs/m	120LEDs/m
Max current/LED	50mA
Voltage	DC24V(12V Optional; ±0.5V)
Width	10mm
Unit cut	50mm
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
LED PIN Temperature	Max.65°C /149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	5 Years

### Binning



(Lm/m)

CCT \ Power	2700K	3000K	4000K	6500K	Max. Run Length
4.8W/M	520	505	540	550	5M
9.6W/M	919	890	945	950	5M
14.4W/M	2106	2195	2202	2482	5M
19.2W/M	2754	2779	2987	3183	5M
24W/M	1956	1863	2004	2046	5M

LIFESPAN>54000H

3 STEP

2700K  
3000K  
4000K

WARRANTY 5 YEARS

INDOOR

**ONE BIN ONLY**  
Color consistency Today and tomorrow



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
POP	27=2700K	05000=5M/196.85'	048=4.8W
	30=3000K		096=9.6W
	40=4000K		144=14.4W
	65=6500K		192=19.2W
			240=24W

Example  
POP-27-05000-048:  
COVEFLEX POP, 2700K, 5M/reel,  
4.8W/m.

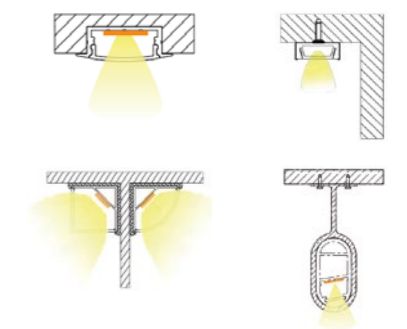
POP-65-01500-240:  
COVEFLEX POP, 6500K, 1.5M/reel,  
24W/m.

## PROFILES

Popular					
Cabinet					
Round					
Low and flat					
High and flat					

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



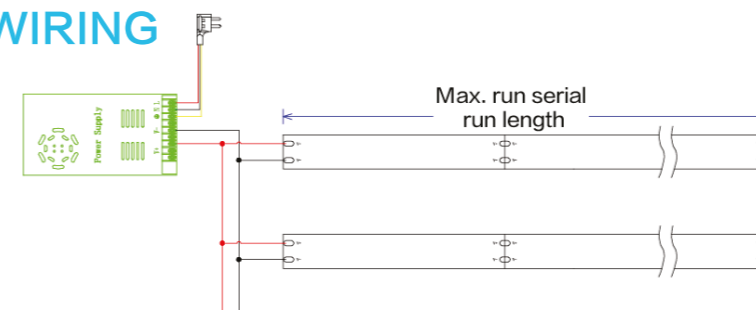
Order code:LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification

Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification  
Non dimmable

Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance

Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

## STRIP TO STRIP CONNECTION



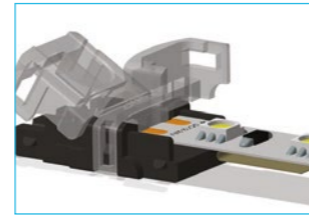
Connector IP20  
Strip to strip  
Order code: SS20102P



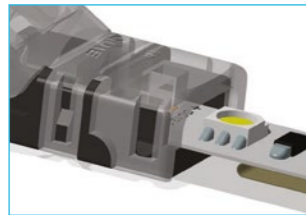
Cut the LED strip in cutting points



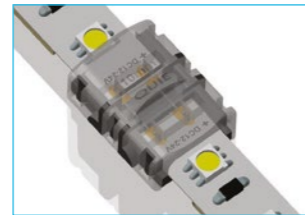
Peel off the 3M tape from the LED strip.



Put the LED strip directly into the connector.



Close the connector till the cover is locked in.



Successful connection.

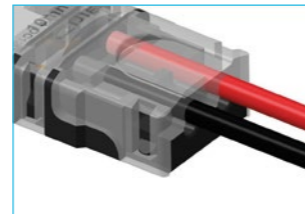
## STRIP TO CABLE CONNECTION



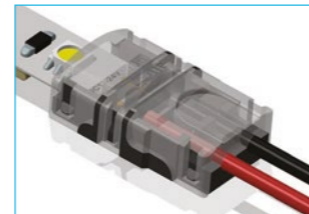
Connector IP20  
Strip to cable  
Order code: SC20102P



Put the required cable into connector.



Close the connector till the cover is locked in.

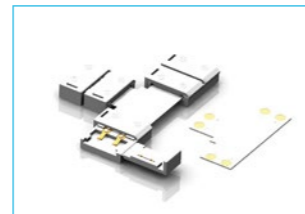


Successful connection.

## STRIP TO STRIP CORNER CONNECTION



Connector IP20 L shape  
Order code: SS20102PL



Connector IP20 T shape  
Order code: SS20102PT



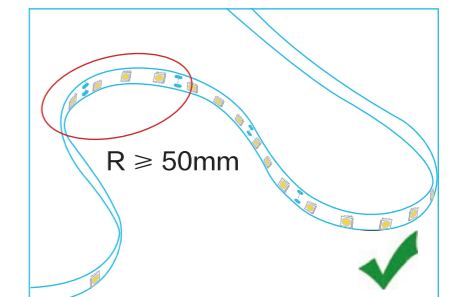
Connector IP20 cross shape  
Order code: SS20102PC

Note: The positive and negative pole should be connected correspondingly.



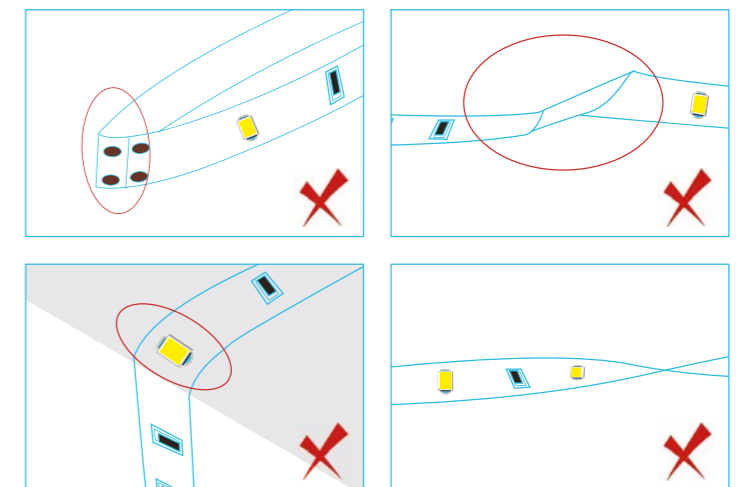
## APPLICATION

- ▶ Widely used in indoor decoration, lighting with large scale backlight.
- ▶ Whether in the hotel lobby, bedroom, or any indoor space, it can provide the lighting you need.



## ADDITIONAL INFO.

- ▶ The LED strip bending radius is 50mm. Please do not fold with sharp angle or twist the LED strip.
- ▶ It will be likely to destroy the LED strip if exceed the maximum rated operating voltage.
- ▶ Please do not connect the LED strip beyond the maximum connecting length.
- ▶ LED strips are equipped with a self-adhesive tape for attaching the LED strip to suitable materials, such as aluminum profiles, which must be clean and free of oil or silicone coatings, as well as other dirt/dust particles. The adhesive tape is intended for single use and if removed may damage the material to which it is stuck and the LED module itself, which must then be scrapped.

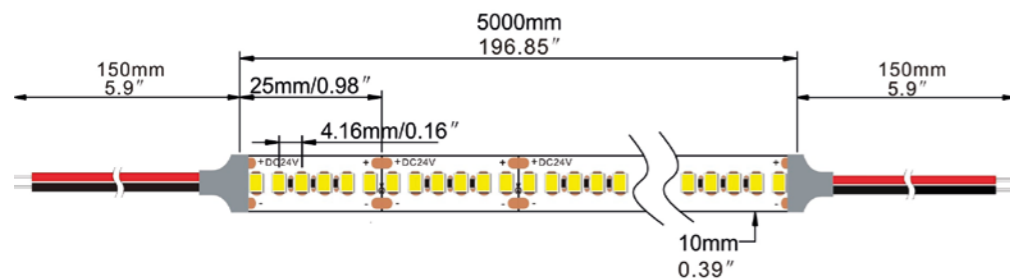


# COVEFLEX POP HD



- High density LED with high brightness to achieve spot-free when used with aluminum profile
- One BIN Only ensures perfect color consistency
- CRI80 and CRI90 optional
- SDCM 3
- Wide CCT range

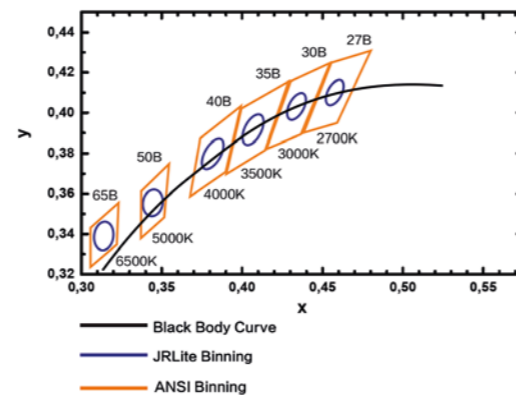
## DIMENSION



### Electrical data

Lumen efficiency	102lm/w(4000K)
SDCM	3 ( 2700K, 3000K, 4000K)
Ra	Ra90; Ra80 optional
SMD Type	2835
LEDs/m	240LEDs/m
Max current/LED	25mA
Voltage	DC24V(±0.5V)
Width	10mm
Unit cut	25mm
Storage Temperature	-25°C / -13°F <sub>min</sub> , 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	5 Years

### Binning



(Lm/m)

CCT	2700K	3000K	4000K	6500K	Max. Run Length
4.8W/M	603	616	630	645	5M
9.6W/M	985	993	1087	1091	5M
14.4W/M	1421	1430	1541	1554	5M
19.2W/M	1633	1635	1795	1828	5M
24W/M	2192	2126	2322	2329	5M

LIFESPAN > 54000H

3 STEP  
2700K  
3000K  
4000K

WARRANTY  
5 YEARS

INDOOR

**ONE BIN ONLY**  
Color consistency  
Today and tomorrow



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
POP HD	27=2700K	05000=5M/196.85"	048=4.8W
	30=3000K		096=9.6W
	40=4000K		144=14.4W
	65=6500K		192=19.2W
			240=24W

Example  
POP HD-27-05000-048:  
COVEFLEX POP HD, 2700K, 5M/reel,  
4.8W/m.

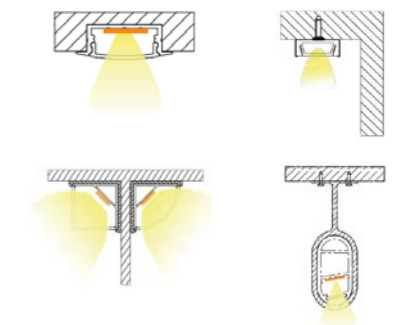
POP HD-65-01500-240:  
COVEFLEX POP HD, 6500K, 1.5M/reel,  
24W/m.

## PROFILES

Popular					
Cabinet					
Round					
Low and flat					
High and flat					

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification  
Non dimmable

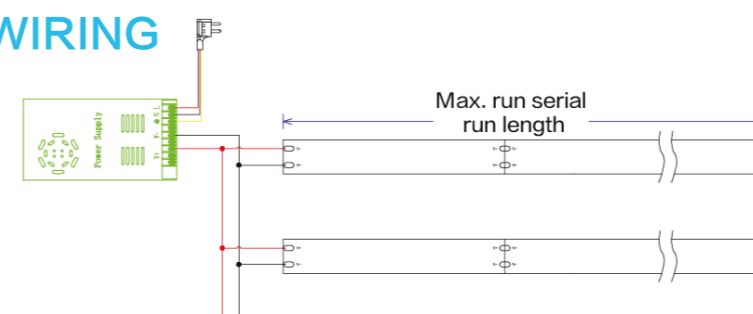


Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

## STRIP TO STRIP CONNECTION



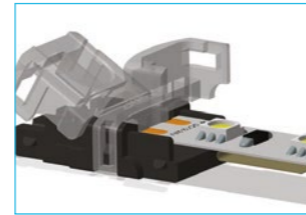
Connector IP20  
Strip to strip  
Code: SS20102P-HD



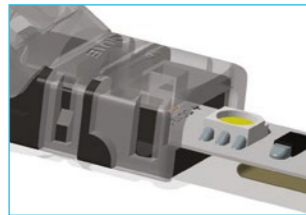
Cut the LED strip in  
cutting points



Peel off the 3M tape  
from the LED strip.



Put the LED strip directly  
into the connector.



Close the connector till  
the cover is locked in.



Successful connection.

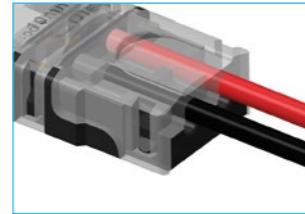
## STRIP TO CABLE CONNECTION



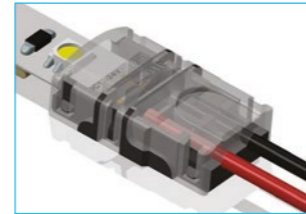
Connector IP20  
Strip to cable  
Code: SC20102P-HD



Put the required cable  
into connector.



Close the connector till  
the cover is locked in.

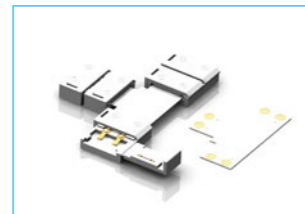


Successful connection.

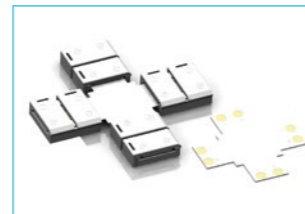
## STRIP TO STRIP CORNER CONNECTION



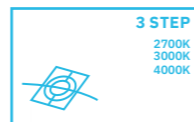
Connector IP20 L shape  
Order code: SS20102PL



Connector IP20 T shape  
Order code: SS20102PT



Connector IP20 cross  
shape  
Order code: SS20102PC

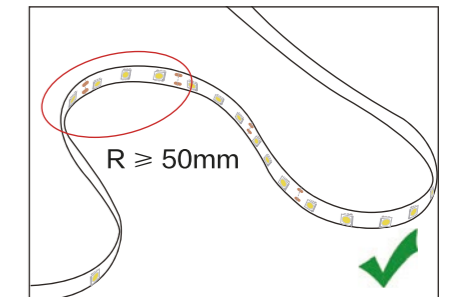


Note: The positive and negative pole should be connected correspondingly.



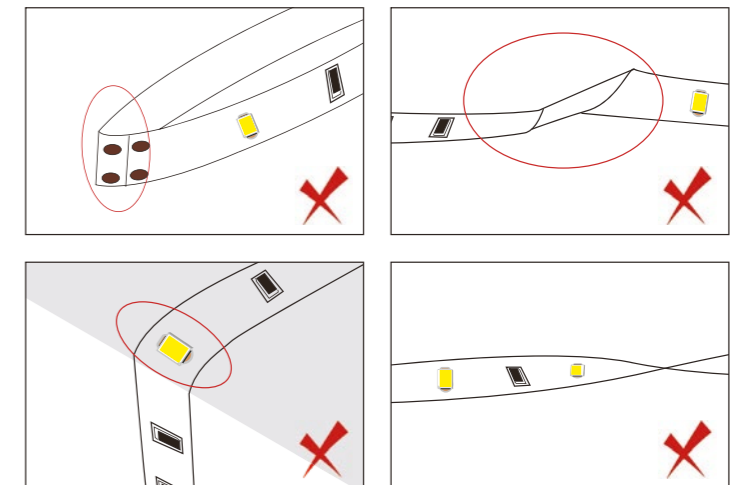
## APPLICATION

- ▶ Especially suitable for signage which requires high brightness.
- ▶ It's ideal for any indoor back lighting applications. With the use of profiles, the light effect will be more uniform and soft.



## ADDITIONAL INFO.

- ▶ The LED strip bending radius is 50mm. Please do not fold with sharp angle or twist the LED strip.
- ▶ It will be likely to destroy the LED strip if exceed the maximum rated operating voltage.
- ▶ Please do not connect the LED strip beyond the maximum connecting length.
- ▶ LED strips are equipped with a self-adhesive tape for attaching the LED strip to suitable materials, such as aluminum profiles, which must be clean and free of oil or silicone coatings, as well as other dirt/dust particles. The adhesive tape is intended for single use and if removed may damage the material to which it is stuck and the LED module itself, which must then be scrapped.

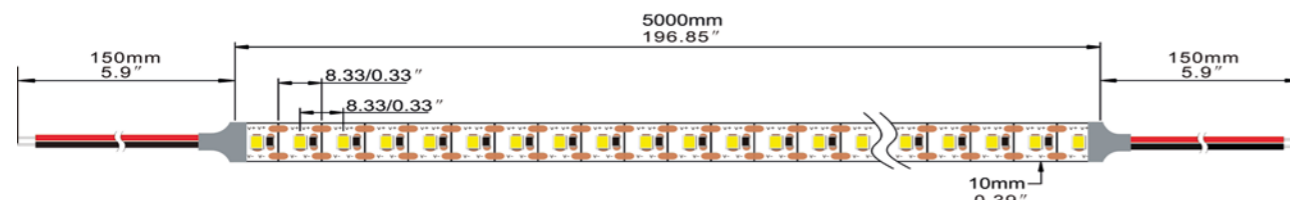


# COVEFLEX RULER



- Mini cutting design with single LED cut size
- Most fit for corner projects
- One BIN Only ensures perfect color consistency
- CRI80 and CRI90 optional
- Wide CCT range

## DIMENSION



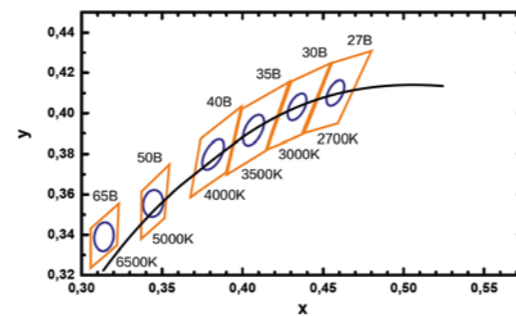
### Electrical data

Lumen efficiency	100lm/w(4000K)
Ra	Ra90; Ra80 optional
SMD Type	2835
LEDs/m	120LEDs/m
Max current/LED	6.6mA(24V)
Voltage	DC24V(5V, 12V Optional; ± 0.5V)
Width	10mm
Unit cut	8.33mm
Storage Temperature	-25°C / -13°F <sub>min</sub> , 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	5 Years

(Lm/m)

CCT	2700K	3000K	4000K	6500K	Max. Run Length
12W/M	1056	1092	1187	1010	5M
14W/M	1232	1274	1392	1178	5M
19W/M	1680	1740	1900	1600	5M

### Binning



- Black Body Curve
- JRLite Binning
- ANSI Binning



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
RULER	27=2700K	05000=5M/196.85"	120=12W
	30=3000K		140=14W
	40=4000K		190=19W
	65=6500K		

Example  
RULER-27-05000-120:  
COVEFLEX RULER, 2700K, 5M/reel,  
12W/m.

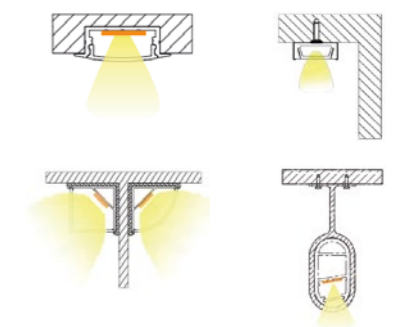
RULER-65-01500-190:  
COVEFLEX RULER, 6500K, 1.5M/reel,  
19W/m.

## PROFILES

Profile Type	AP-1415	AP-2015	AP-1202	AP-1103	AP-1101
Popular					
Cabinet					
Round					
Low and flat					
High and flat					

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification  
Non dimmable

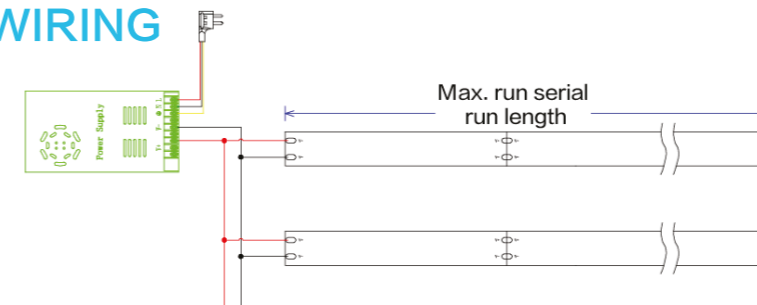


Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.



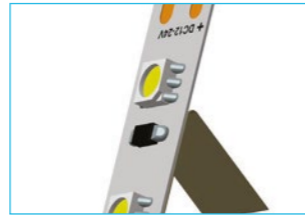
## STRIP TO STRIP CONNECTION



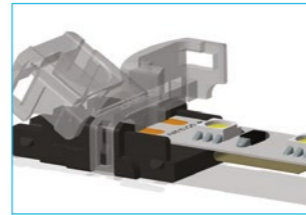
Connector IP20  
Strip to strip  
Order code: SS20102P



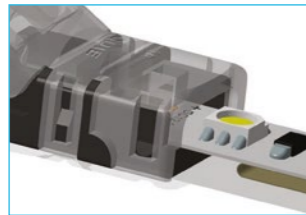
Cut the LED strip in cutting points



Peel off the 3M tape from the LED strip.



Put the LED strip directly into the connector.



Close the connector till the cover is locked in.



Successful connection.

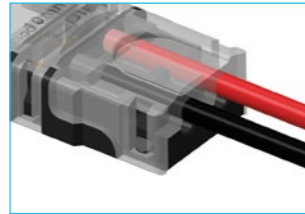
## STRIP TO CABLE CONNECTION



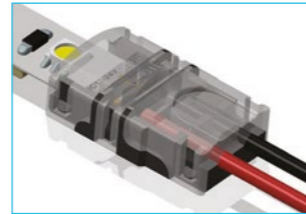
Connector IP20  
Strip to cable  
Order code: SC20102P



Put the required cable into connector.



Close the connector till the cover is locked in.

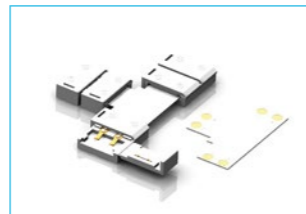


Successful connection.

## STRIP TO STRIP CORNER CONNECTION



Connector IP20 L shape  
Order code: SS20102PL



Connector IP20 T shape  
Order code: SS20102PT



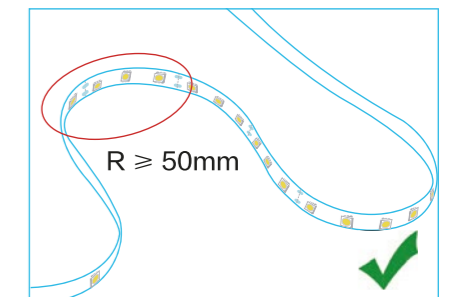
Connector IP20 cross shape  
Order code: SS20102PC

Note: The positive and negative pole should be connected correspondingly.



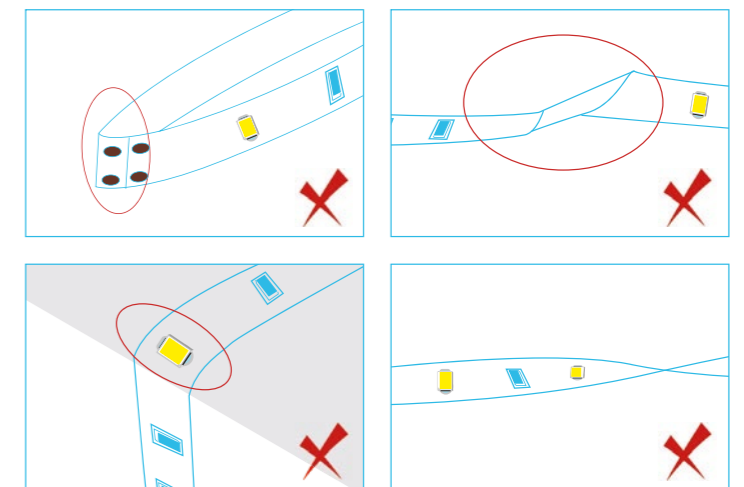
## APPLICATION

- ▶ Minimum cut size ( 8.3mm) makes it easy to light up every concealed edging, such as wine cabinet, wardrobe, bar counter, TV cabinet.....
- ▶ Your best solution for building decorations, kitchen-cabinet lightings, under-cabinet lightings, and bathroom lightings



## ADDITIONAL INFO.

- ▶ The LED strip bending radius is 50mm. Please do not fold with sharp angle or twist the LED strip.
- ▶ It will be likely to destroy the LED strip if exceed the maximum rated operating voltage.
- ▶ Please do not connect the LED strip beyond the maximum connecting length.
- ▶ LED strips are equipped with a self-adhesive tape for attaching the LED strip to suitable materials, such as aluminum profiles, which must be clean and free of oil or silicone coatings, as well as other dirt/dust particles. The adhesive tape is intended for single use and if removed may damage the material to which it is stuck and the LED module itself, which must then be scrapped.

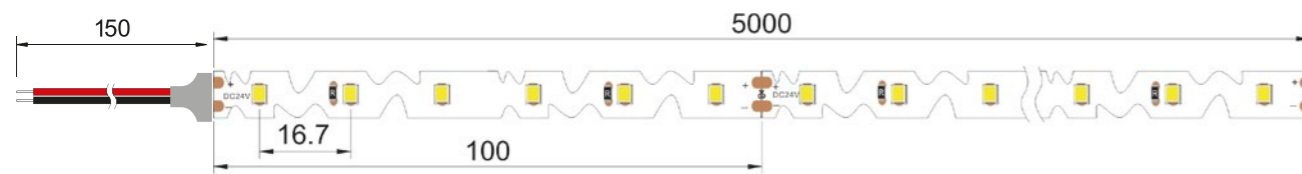


# COVEFLEX SHAPE



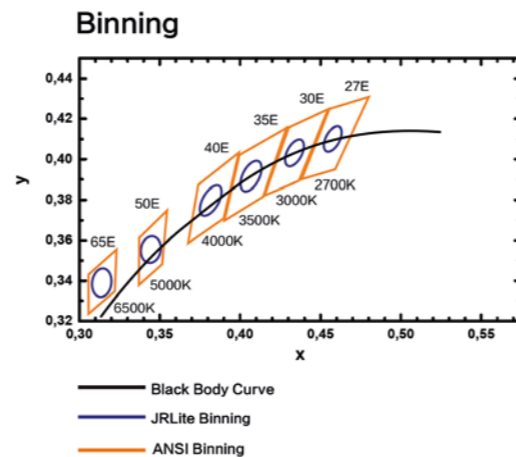
- S-shape flexible PCB design allows the best flexibility, and the maximum bending angle even can be up to 90 degree
- Most fit for corner projects
- One BIN Only ensures perfect color consistency
- CRI80 and CRI90 optional
- Wide CCT range

## DIMENSION



### Electrical data

Lumen efficiency	97lm/w(4000K)
Ra	Ra90; Ra80 optional
SMD Type	2835
LEDs/m	60LEDs/m
Max current/LED	25mA
Voltage	DC24V(12V Optional; ±0.5V)
Width	8.5mm
Unit cut	100mm
Storage Temperature	-25°C / -13°F <sub>min</sub> 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	5 Years



(Lm/m)

CCT \ Power	2700K	3000K	4000K	6500K	Max. Run Length
4.8W/M	400	440	480	490	5M
9.6W/M	756	840	930	940	5M
12W/M	920	1020	1150	1165	5M

LIFESPAN > 54000H

INDOOR

WARRANTY 5 YEARS



**ONE BIN ONLY**  
Color consistency Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
SHAPE	27=2700K	05000=5M/196.85'	048=4.8W
	30=3000K		096=9.6W
	40=4000K		120=12W
	65=6500K		

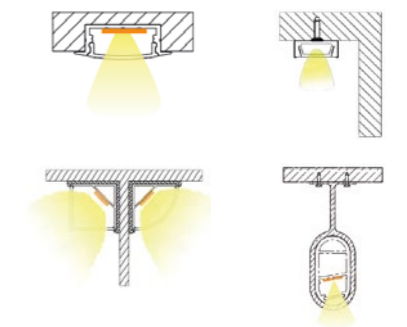
Example  
SHAPE-27-05000-048:  
COVEFLEX SHAPE, 2700K, 5M/reel, 4.8W/m.  
  
SHAPE-65-01500-120:  
COVEFLEX SHAPE, 6500K, 1.5M/reel, 12W/m.

## PROFILES

Popular					
Cabinet					
Round					
Low and flat					
High and flat					

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



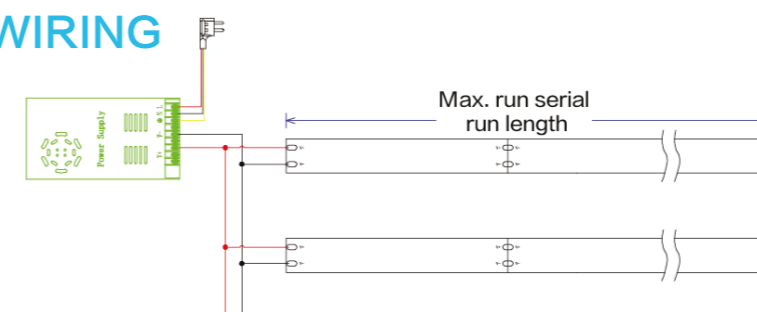
Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification

Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification  
Non dimmable

Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance

Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

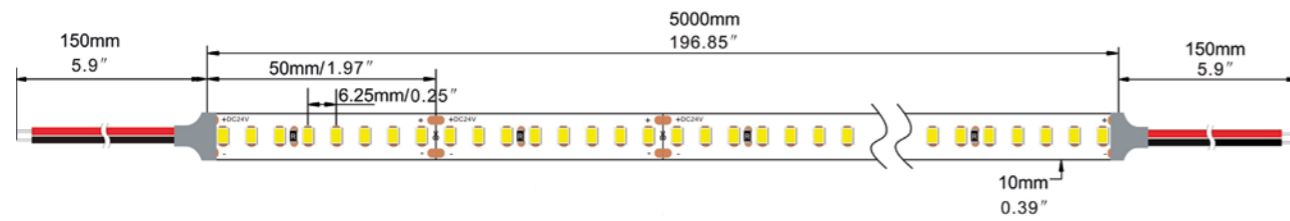
-Please contact us if >150W power supply is needed.

# COVEFLEX EFFI



- High lumen efficiency with 150LM/W Ra90 to achieve energy saving.
- One BIN Only ensures perfect color consistency
- CRI80 and CRI90 optional
- SDCM 3
- Wide CCT range

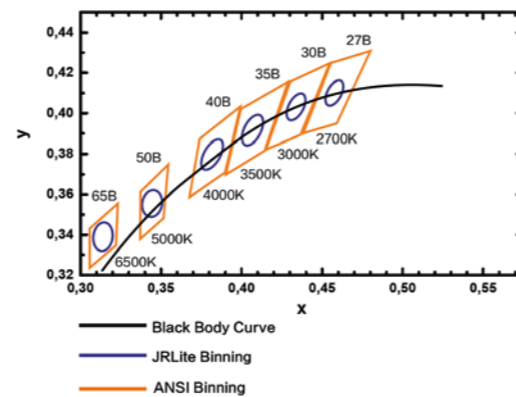
## DIMENSION



### Electrical data

Lumen efficiency	150lm/w(4000K)
SDCM	3 ( 2700K, 3000K, 4000K)
Ra	Ra90; Ra80 optional(190lm/w)
SMD Type	2835
LEDs/m	160LEDs/m
Max current/LED	43.7mA
Voltage	DC24V(23.5V <sub>min</sub> , 24.5V <sub>max</sub> )
Width	10mm
Unit cut	50mm
Storage Temperature	-25°C / -13°F <sub>min</sub> , 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	5 Years

### Binning



### (Lm/m)

CCT \ Power	2700K	3000K	3500K	4000K	5000K	6500K	Max. Run Length
4.8W/M	683	723	694	733	779	818	5M
9.6W/M	1282	1367	1376	1526	1550	1575	5M
14.4W/M	2106	2195	2139	2202	2305	2482	5M
19.2W/M	2754	2779	2691	2987	3010	3183	5M
21W/M	2425	3048	2948	3178	3205	3285	5M

**LIFESPAN > 54000H**

**3 STEP**  
2700K  
3000K  
4000K

**WARRANTY 5 YEARS**

**INDOOR**

**ONE BIN ONLY**  
Color consistency  
Today and tomorrow



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
EFFI	27=2700K	05000=5M/196.85"	048=4.8W
	30=3000K		096=9.6W
	35=3500K		144=14.4W
	40=4000K		192=19.2W
	50=5000K		210=21W
	65=6500K		

Example  
EFFI-27-05000-048:  
COVEFLEX EFFI, 2700K, 5M/reel,  
4.8W/m.

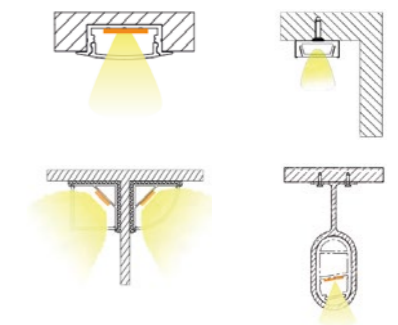
EFFI-65-01500-210:  
COVEFLEX EFFI, 6500K, 1.5M/reel,  
21W/m.

## PROFILES

Popular					
Cabinet					
Round					
Low and flat					
High and flat					

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



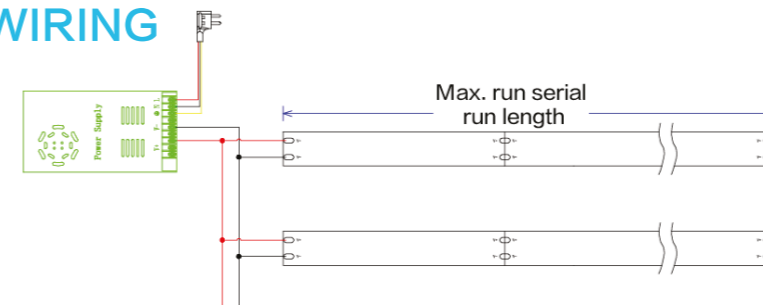
Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification

Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification

Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance

Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

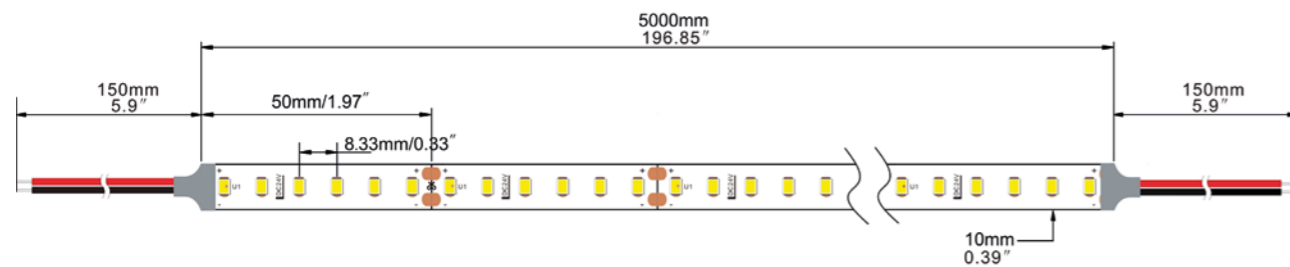
-Please contact us if >150W power supply is needed.

# COVEFLEX VENUS



- Longer length, less driver
- The PCB board looks clean and elegant without any extra resistors
- One BIN Only ensures perfect color consistency
- SDCM 3
- Wide CCT range

## DIMENSION



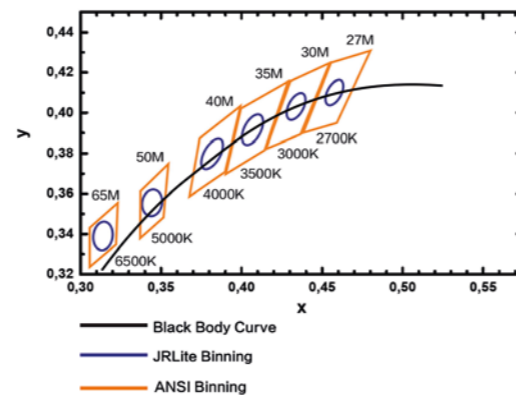
### Electrical data

Lumen efficiency	104lm/w(4000K)
SDCM	3 ( 2700K, 3000K, 4000K)
Ra	Ra90
SMD Type	2835
LEDs/m	120LEDs/m
Max current/LED	30mA
Voltage	DC24V(±0.5V)
Width	10 mm
Unit cut	50mm
Storage Temperature	-25°C / -13°F <sub>min</sub> 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	5 Years

(Lm/m)

CCT \ Power	2700K	3000K	4000K	6500K	Max. Run Length
9.6W/M	800	960	1032	1056	17M
14.4W/M	1230	1400	1470	1500	13M

### Binning



LIFESPAN>54000H

3 STEP

2700K  
3000K  
4000K

WARRANTY 5 YEARS

INDOOR

**ONE BIN ONLY**  
Color consistency  
Today and tomorrow



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
VENUS	27=2700K	05000=5M/196.85"	144=14.4W
	30=3000K		
	40=4000K		
	65=6500K		

Example  
VENUS-27-05000-096:  
COVEFLEX VENUS, 2700K, 5M/reel,  
9.6W/m.

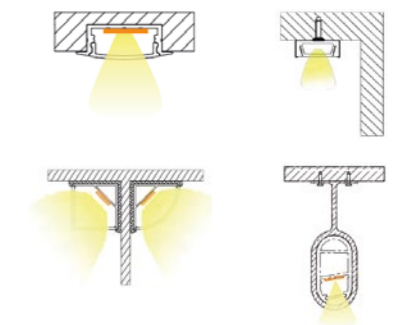
VENUS-65-13000-144:  
COVEFLEX VENUS, 6500K, 13M/reel,  
14.4W/m.

## PROFILES

Popular					
Cabinet					
Round					
Low and flat					
High and flat					

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



Order code:LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification  
Non dimmable

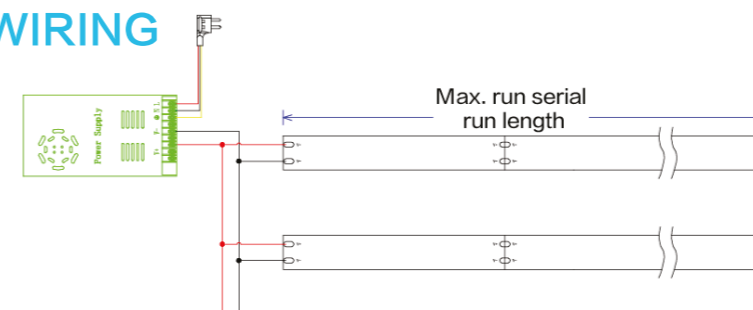


Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip:

9.6W/M - 17M Max. Single Run Length  
14.4W/M - 13M Max. Single Run Length

-Please contact us if >150W power supply is needed.

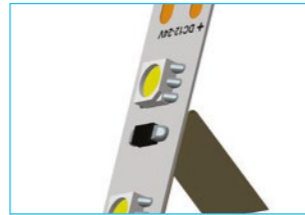
## STRIP TO STRIP CONNECTION



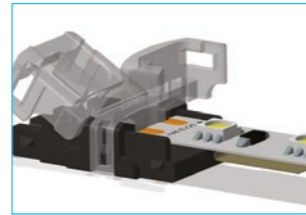
Connector IP20  
Strip to strip  
Order code: SS20102P



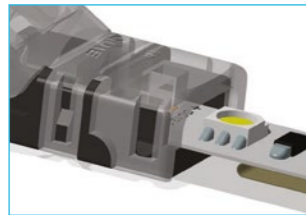
Cut the LED strip in cutting points



Peel off the 3M tape from the LED strip.



Put the LED strip directly into the connector.



Close the connector till the cover is locked in.



Successful connection.

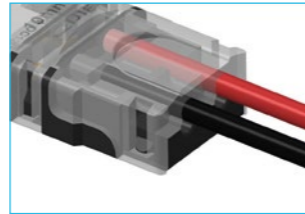
## STRIP TO CABLE CONNECTION



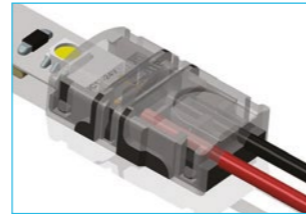
Connector IP20  
Strip to cable  
Order code: SC20102P



Put the required cable into connector.



Close the connector till the cover is locked in.

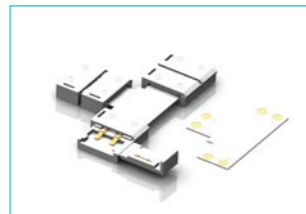


Successful connection.

## STRIP TO STRIP CORNER CONNECTION



Connector IP20 L shape  
Order code: SS20102PL



Connector IP20 T shape  
Order code: SS20102PT



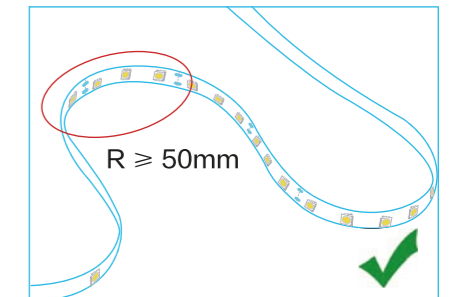
Connector IP20 cross shape  
Order code: SS20102PC

Note: The positive and negative pole should be connected correspondingly.



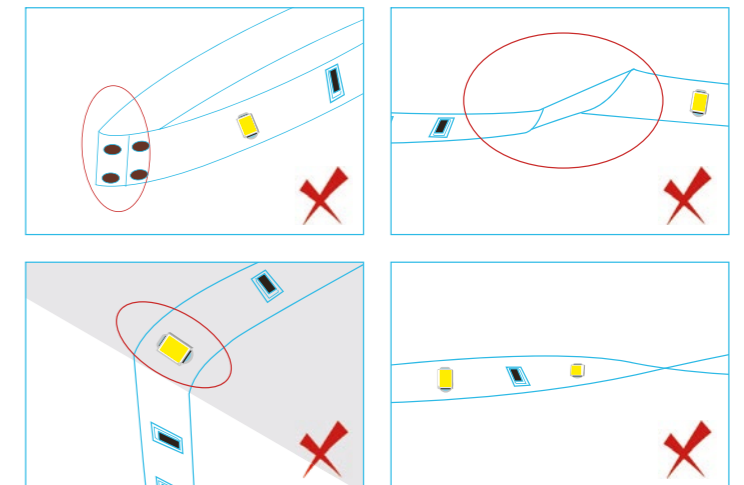
## APPLICATION

- ▶ Your best choice for indoor lighting, like living room, kitchen or bedroom.
- ▶ It's free to cut off and weld along with the cutting marks on the PCB. Supplied by the common constant voltage drivers.



## ADDITIONAL INFO.

- ▶ The LED strip bending radius is 50mm. Please do not fold with sharp angle or twist the LED strip.
- ▶ It will be likely to destroy the LED strip if exceed the maximum rated operating voltage.
- ▶ Please do not connect the LED strip beyond the maximum connecting length.
- ▶ LED strips are equipped with a self-adhesive tape for attaching the LED strip to suitable materials, such as aluminum profiles, which must be clean and free of oil or silicone coatings, as well as other dirt/dust particles. The adhesive tape is intended for single use and if removed may damage the material to which it is stuck and the LED module itself, which must then be scrapped.

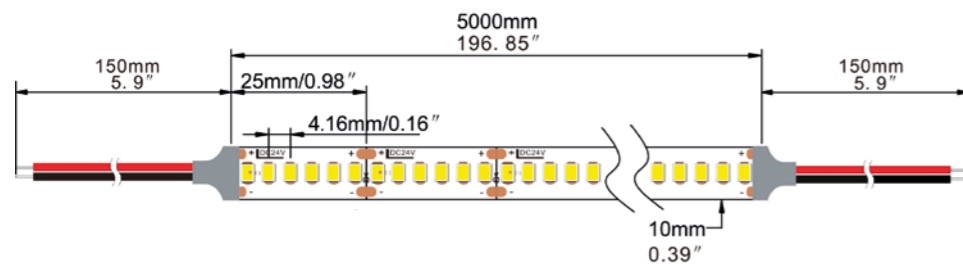


# COVEFLEX VENUS HD



- Longer length, less driver
- High density minimizes the spots
- One BIN Only ensures perfect color consistency
- SDCM 3
- Wide CCT range

## DIMENSION



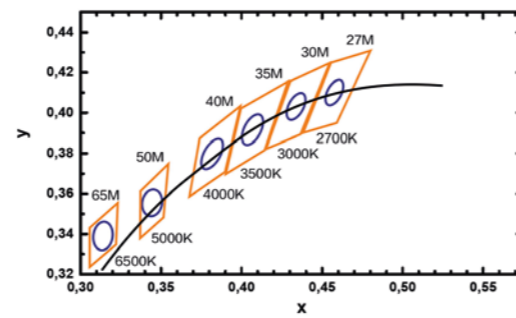
### Electrical data

Lumen efficiency	106lm/w(4000K)
SDCM	3 ( 2700K, 3000K, 4000K)
Ra	Ra90
SMD Type	2835
LEDs/m	240LEDs/m
Max current/LED	20mA
Voltage	DC24V(±0.5V)
Width	10mm
Unit cut	25mm
Storage Temperature	-25°C / -13°F <sub>min</sub> , 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	5 Years

(Lm/m)

CCT	2700K	3000K	4000K	6500K	Max. Run Length
Power	1800	1920	2050	2100	9M

### Binning



- Black Body Curve
- JRLite Binning
- ANSI Binning



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
VENUS HD	27=2700K	05000=5M/196.85"	192=19.2W
	30=3000K		
	40=4000K		
	65=6500K		

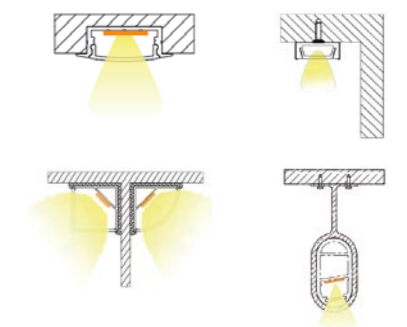
Example  
VENUS HD-65-09000-192:  
COVEFLEX VENUS HD, 6500K, 9M/  
reel, 19.2W/m.

## PROFILES

Profile Type	Model	Model	Model	Model	Model			
Popular	AP-1415	AP-2015	AP-1202	AP-1103	AP-1101			
	Cabinet	AP-1002	AP-V04	AP-4319	AP-3420	AP-1401		
		Round	AP-1303	AP-1608	AP-01-1	AP-1106	AP-2020	
			Low and flat	AP-1205	AP-1204	AP-1102	AP-1104	AP-2610
				High and flat	AP-1609	AP-1604	AP-1602	AP-1605

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification  
Non dimmable

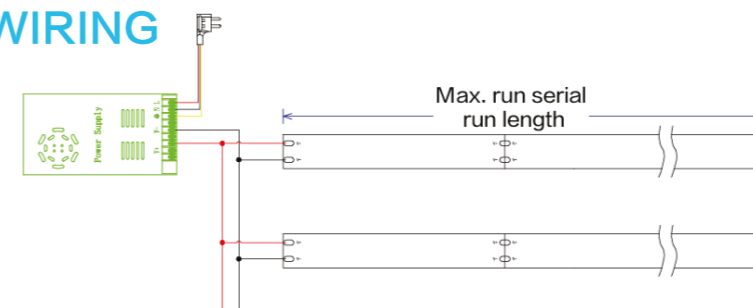


Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip:

19.2W/M - 9M Max. Single Run Length

-Please contact us if >150W power supply is needed.

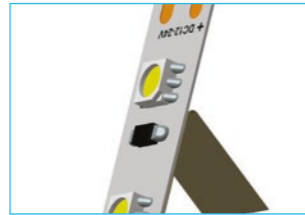
## STRIP TO STRIP CONNECTION



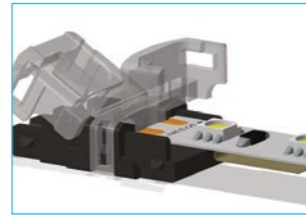
Connector IP20  
Strip to strip  
Code: SS20102P-HD



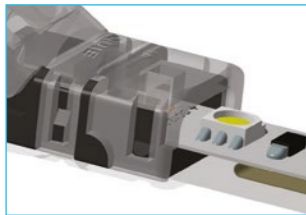
Cut the LED strip in  
cutting points



Peel off the 3M tape  
from the LED strip.



Put the LED strip directly  
into the connector.



Close the connector till  
the cover is locked in.



Successful connection.

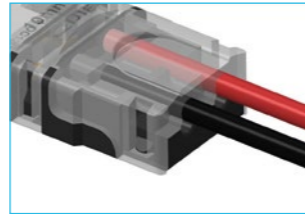
## STRIP TO CABLE CONNECTION



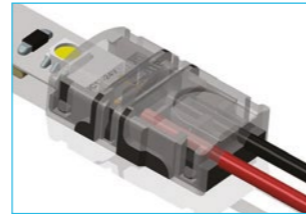
Connector IP20  
Strip to cable  
Code: SC20102P-HD



Put the required cable  
into connector.



Close the connector till  
the cover is locked in.

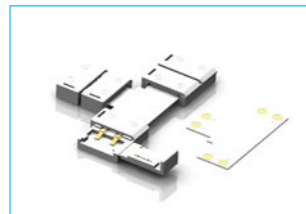


Successful connection.

## STRIP TO STRIP CORNER CONNECTION



Connector IP20 L shape  
Order code: SS20102PL



Connector IP20 T shape  
Order code: SS20102PT



Connector IP20 cross  
shape  
Order code: SS20102PC

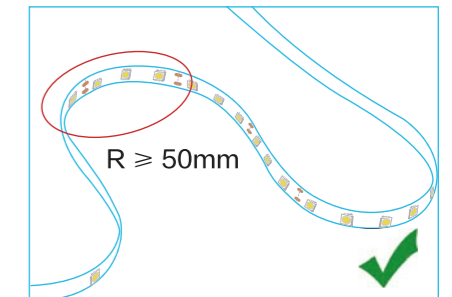


Note: The positive and negative pole should be connected correspondingly.



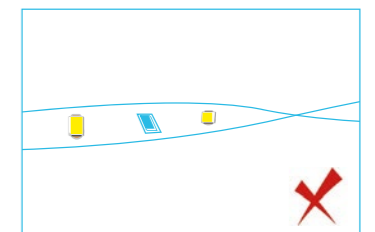
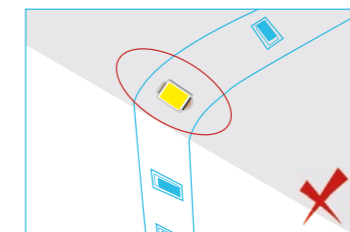
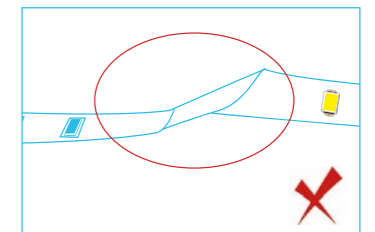
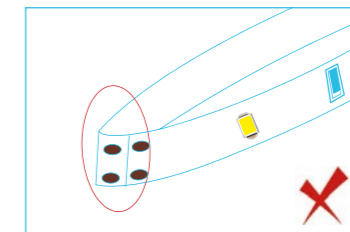
## APPLICATION

- ▶ Constant current IC built-in LED ensures same brightness at both ends.
- ▶ Longer max. Run length of 9M makes connection much easier to save installation cost.



## ADDITIONAL INFO.

- ▶ The LED strip bending radius is 50mm. Please do not fold with sharp angle or twist the LED strip.
- ▶ It will be likely to destroy the LED strip if exceed the maximum rated operating voltage.
- ▶ Please do not connect the LED strip beyond the maximum connecting length.
- ▶ LED strips are equipped with a self-adhesive tape for attaching the LED strip to suitable materials, such as aluminum profiles, which must be clean and free of oil or silicone coatings, as well as other dirt/dust particles. The adhesive tape is intended for single use and if removed may damage the material to which it is stuck and the LED module itself, which must then be scrapped.

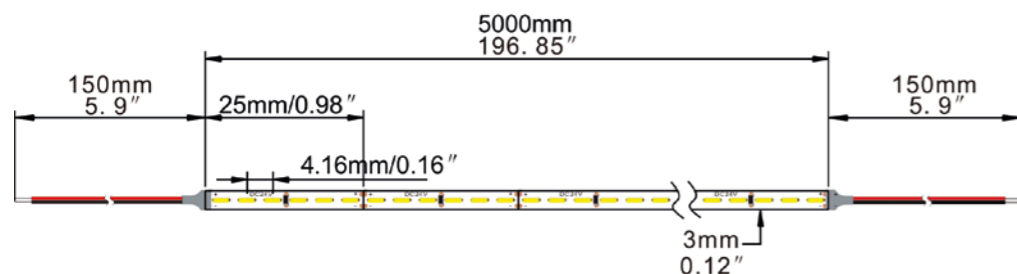


# COVEFLEX FURE



- Narrow lighting solution for furniture projects with tiny 3mm wide PCB
- CRI > 95
- One BIN Only ensures perfect color consistency
- SDCM 3
- Wide CCT range

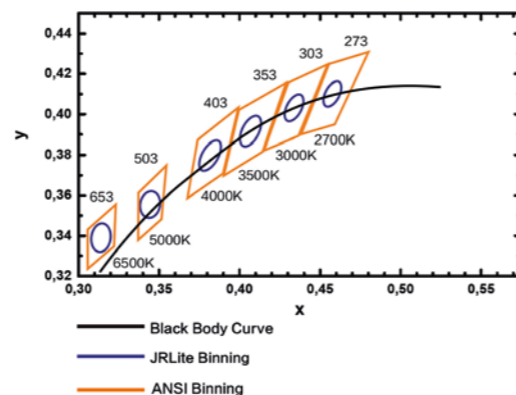
## DIMENSION



### Electrical data

Lumen efficiency	98lm/w(4000K)
SDCM	3 ( 2700K, 3000K, 4000K)
Ra	Ra95
SMD Type	1808
LEDs/m	240LEDs/m
Max current/LED	8.3mA
Voltage	DC24V(±0.5V)
Width	3mm
Unit cut	25mm
Storage Temperature	-25°C / -13°F <sub>min</sub> , 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	5 Years

### Binning



(Lm/m)

CCT	2700K	3000K	4000K	6500K	Max. Run Length
4.8W/M	400	412	470	420	5M
7.2W/M	550	560	720	650	5M

**LIFESPAN>54000H**

**3 STEP**  
2700K  
3000K  
4000K

**WARRANTY 5 YEARS**

**INDOOR**

**ONE BIN ONLY**  
Color consistency  
Today and tomorrow



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
FURE	27=2700K	5000=5M/196.85"	048=4.8W
	30=3000K		072=7.2W
	40=4000K		
	65=6500K		

Example  
FURE-27-5000-048:  
COVEFLEX FURE, 2700K, 5M/reel,  
4.8W/m.  
FURE-65-1500-072:  
COVEFLEX FURE, 6500K, 1.5M/reel,  
7.2W/m.

## PROFILES

Order code: AP-08

Order code: AP-07

Order code: AP-09

Order code: AP-078

Order code: AP-1010

Order code: AP-2406

## DRIVER



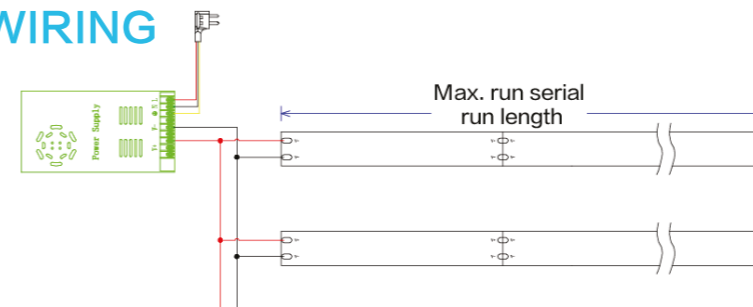
Order code: LRS-150-24  
85-132VAC/170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.

Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non dimmable.

Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.

Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## WIRING

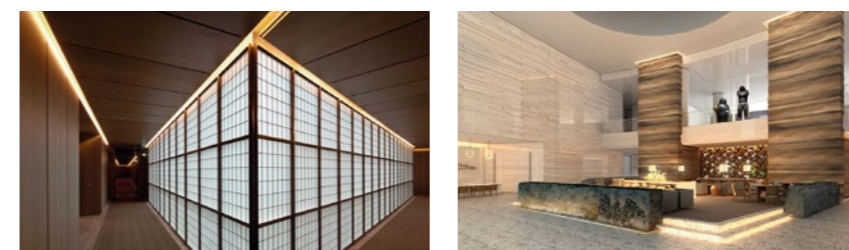


-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

## APPLICATION



-Compared with traditional SMD 2835, 1808 strip will be an innovative & outstanding solution to help our customers win more projects.

-With extremely small 3mm PCB & wide color range, it is nearly no limit to shop lighting, furniture lighting, KBB lighting, cove lighting and so on.

-It's a good idea to install high dense 1808 strip inside fixtures to achieve amazing dot-free light effect.

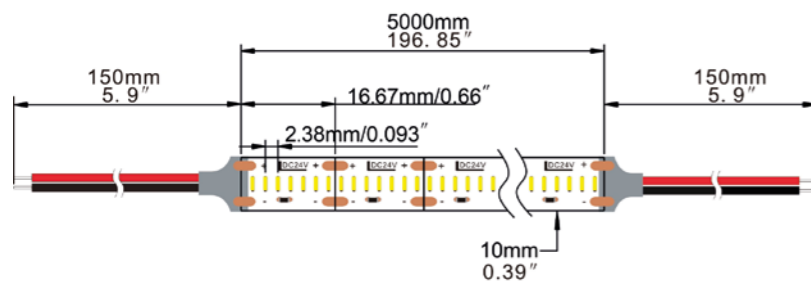


# COVEFLEX FURE HD



- Mini size LED-1.8\*0.8, high brightness, and high density LED to achieve dot-free when used with aluminum profile
- With the mini size LED, it can make maximum 720leds/meter for single row
- One BIN Only ensures perfect color consistency
- SDCM 3
- Wide CCT range

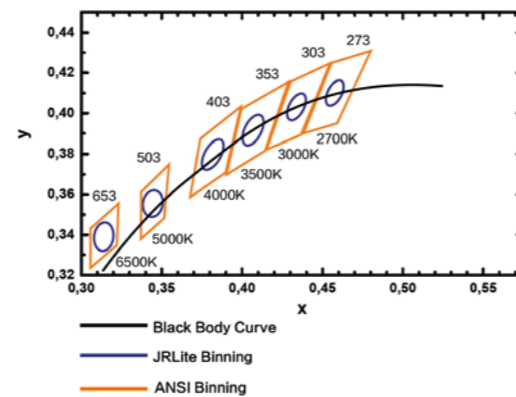
## DIMENSION



### Electrical data

Lumen efficiency	108lm/w(4000K)
SDCM	3 ( 2700K, 3000K, 4000K)
Ra	Ra95
SMD Type	1808
LEDs/m	420LEDs/m
Max current/LED	13.8mA
Voltage	DC24V(±0.5V)
Width	10mm
Unit cut	16.67mm
Storage Temperature	-25°C / -13°F <sub>min</sub> , 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	5 Years

### Binning



(Lm/m)

CCT	2700K	3000K	4000K	6500K	Max. Run Length
4.8W/M	420	490	518	520	5M
9.6W/M	838	980	1038	1050	5M
14.4W/M	1260	1478	1558	1890	5M
19.2W/M	1680	1970	2079	2100	5M

LIFESPAN>54000H

3 STEP

2700K  
3000K  
4000K

WARRANTY 5 YEARS

INDOOR

**ONE BIN ONLY**  
Color consistency  
Today and tomorrow



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
FURE HD	27=2700K	05000=5M/196.85"	048=4.8W
	30=3000K		096=9.6W
	40=4000K		144=14.4W
	65=6500K		192=19.2W

Example  
FURE HD-27-05000-048:  
COVEFLEX FURE HD, 2700K, 5M/reel,  
4.8W/m.

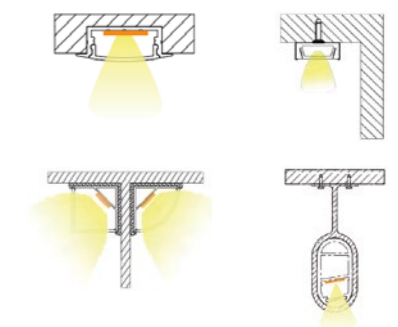
FURE HD-65-01500-192:  
COVEFLEX FURE HD, 6500K, 1.5M/  
reel, 19.2W/m.

## PROFILES

Popular					
Cabinet					
Round					
Low and flat					
High and flat					

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



Order code:LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification  
Non dimmable

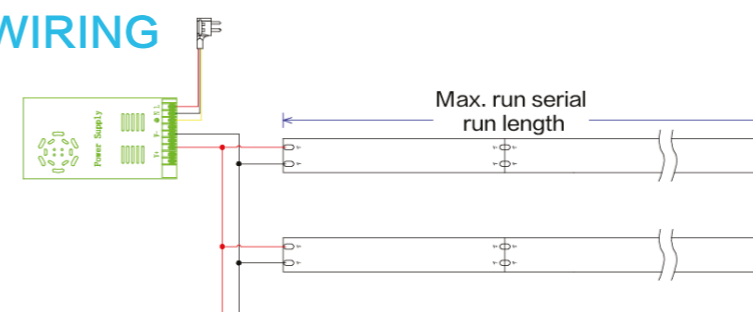


Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

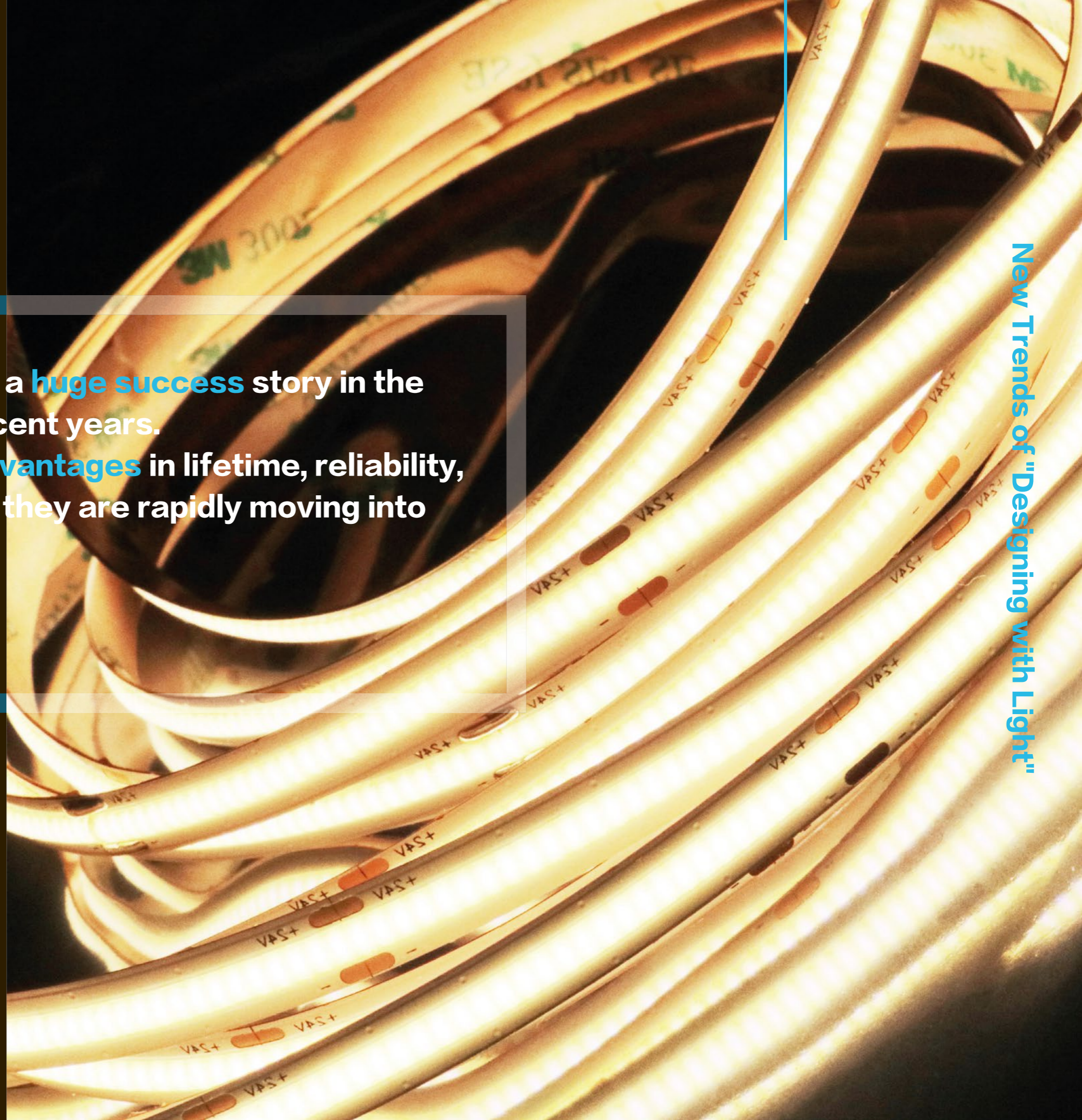
# COB

COB Strip have been a **huge success** story in the lighting market in recent years.

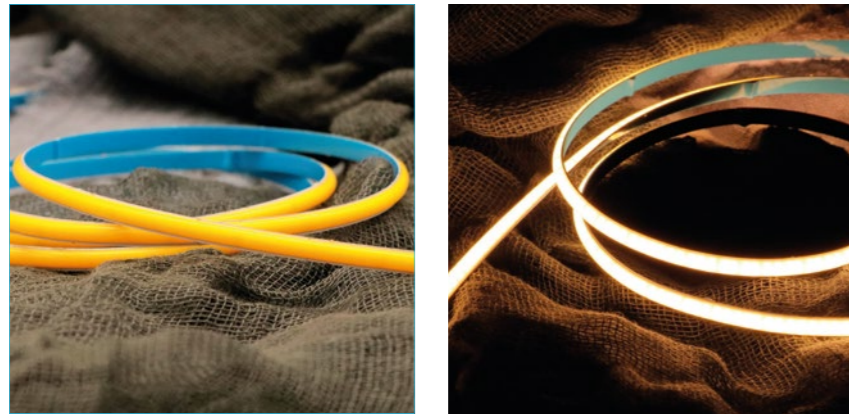
**With their notable advantages** in lifetime, reliability, and reduced power, they are rapidly moving into mainstream lighting

Chip-On-Board LED

New Trends of "Designing with Light"

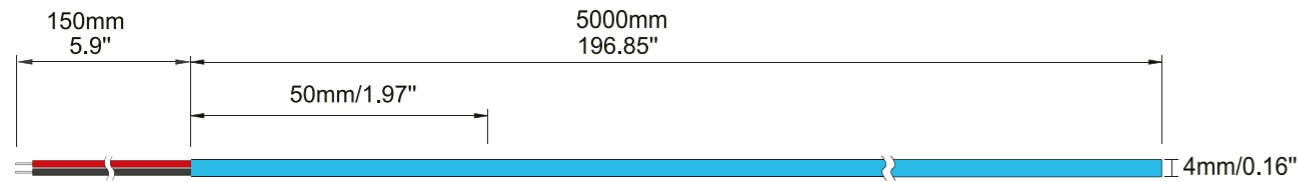


# COVEFLEX DELI



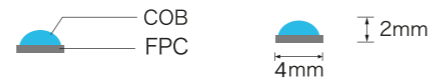
- Slim size in 4mm width, perfect solution for narrow lighting
- Totally dot-free light without profiles or PC covers
- High lumen and fancy looking by the unique design
- One BIN Only ensures perfect color consistency
- Wide CCT range

## DIMENSION



### Electrical data

Lumen efficiency	115lm/w(4000K)
Ra	Ra90
SMD Type	COB
LEDs/m	480LEDs/m
Max current/LED	26mA
Voltage	DC24V(12V optional; ± 0.5V)
Width	4mm
Unit cut	50mm
Storage Temperature	-25°C / -13°F <sub>min</sub> 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>50000H
Waterproof rate	IP20
Warranty	5 Years



- Glossy and perfect line
- Wider beam angle
- More efficient cooling
- Flexibility of 10mm bending radius
- High CRI 90+
- Slim homogeneous light solution

(Lm/m)

CCT	2700K	3000K	4000K	6500K	Max. Run Length
Power	480	519	575	560	5M

LIFESPAN > 50000H

INDOOR

WARRANTY 5 YEARS



**ONE BIN ONLY**

Color consistency  
Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
DELI	27=2700K	05000=5M/196.85"	050=5W
	30=3000K		
	40=4000K		
	65=6500K		

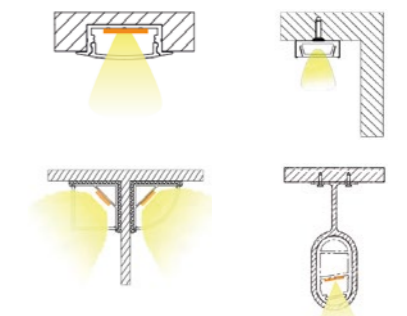
Example  
DELI-27-05000-050:  
COVEFLEX DELI, 2700K, 5M/reel,  
5W/m.

## PROFILES

Popular					
Cabinet					
Round					
Low and flat					
High and flat					

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification  
Non dimmable

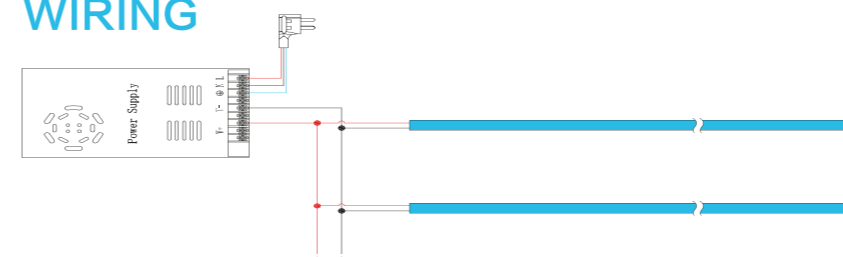


Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology

## WIRING

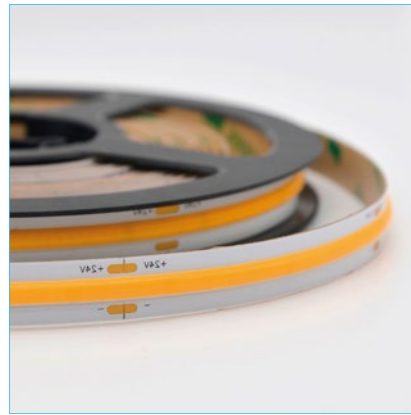


-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

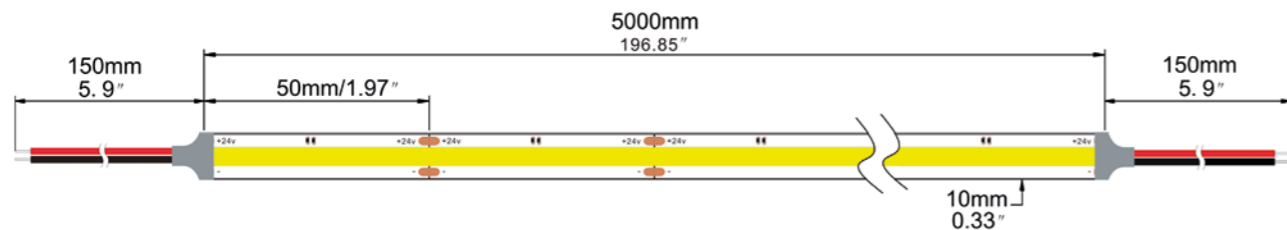
-Please contact us if >150W power supply is needed.

# COVEFLEX BASS



- Totally dot-free light without profiles or PC covers
- High lumen and fancy looking by the unique design
- One BIN Only ensures perfect color consistency
- Wide CCT range

## DIMENSION



### Electrical data

Lumen efficiency	110lm/w(4000K)
Ra	Ra90
SMD Type	COB
LEDs/m	480LEDs/m
Max current/LED	26mA
Voltage	DC24V(12V optional; ± 0.5V)
Width	10mm
Unit cut	50mm
Storage Temperature	-25°C / -13°F <sub>min</sub> , 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>50000H
Waterproof rate	IP20
Warranty	5 Years



- Glossy and perfect line
- Wider beam angle
- More efficient cooling
- Flexibility of 10mm bending radius
- High CRI 90+
- Slim homogeneous light solution

(Lm/m)

CCT	2700K	3000K	4000K	6500K	B	G	Max. Run Length
5W/M	510	550	627	600	125	555	5M
10W/M	950	1000	1105	1100	250	1110	5M
15W/M	1380	1480	1600	1620	375	1665	5M

Noted: Please contact us if you need other single color like red, orange etc.



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
BASS	27=2700K	05000=5M/196.85"	050=5W
	30=3000K		100=10W
	40=4000K		150=15W
	65=6500K		

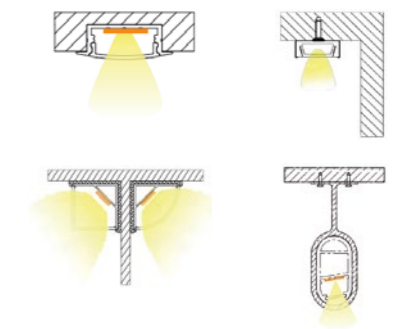
Example  
BASS-27-05000-050:  
COVEFLEX BASS, 2700K, 5M/reel,  
5W/m.

## PROFILES

Popular					
Cabinet					
Round					
Low and flat					
High and flat					

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



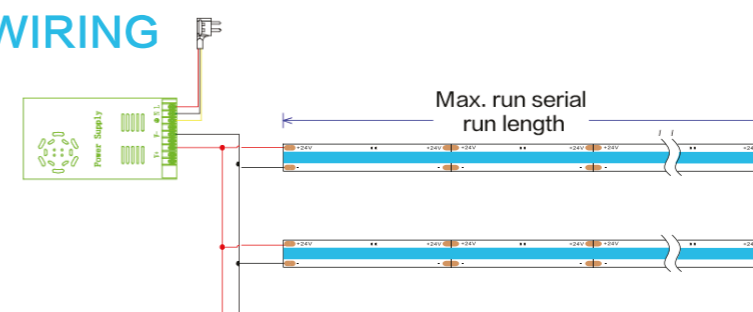
Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification

Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification  
Non dimmable

Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance

Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology

## WIRING

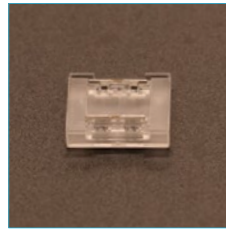


-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

## ACCESSORIES



Strip to Strip Connector  
Order Code: AC065-2  
2Pin for single color



Connecting Cable 2Pin  
Order Code: AC066-2  
Wire gauge: 0.5mm<sup>2</sup>/20AWG

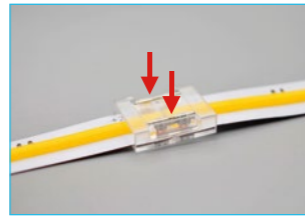
## STRIP TO STRIP CONNECTION



Put the LED strip directly into the connector and make sure both ends of led strip are tightly connected

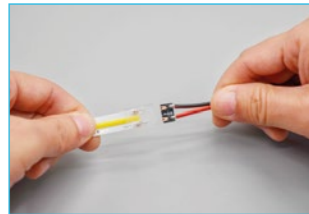


Make sure that the positive and negative match correctly, "+" to "+", "-" to "-"



Press the sheet metal completely

## STRIP TO CABLE CONNECTION



Put the LED strip directly into the connector and make sure both ends of led strip and connecting cable are tightly connected

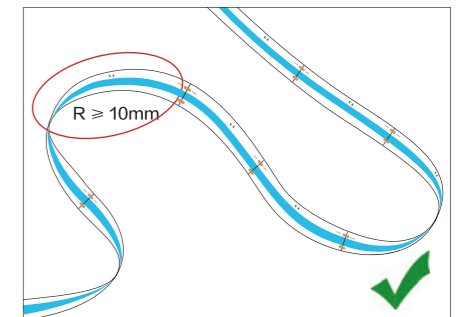


Make sure the positive and negative match correctly and press the sheet metal completely



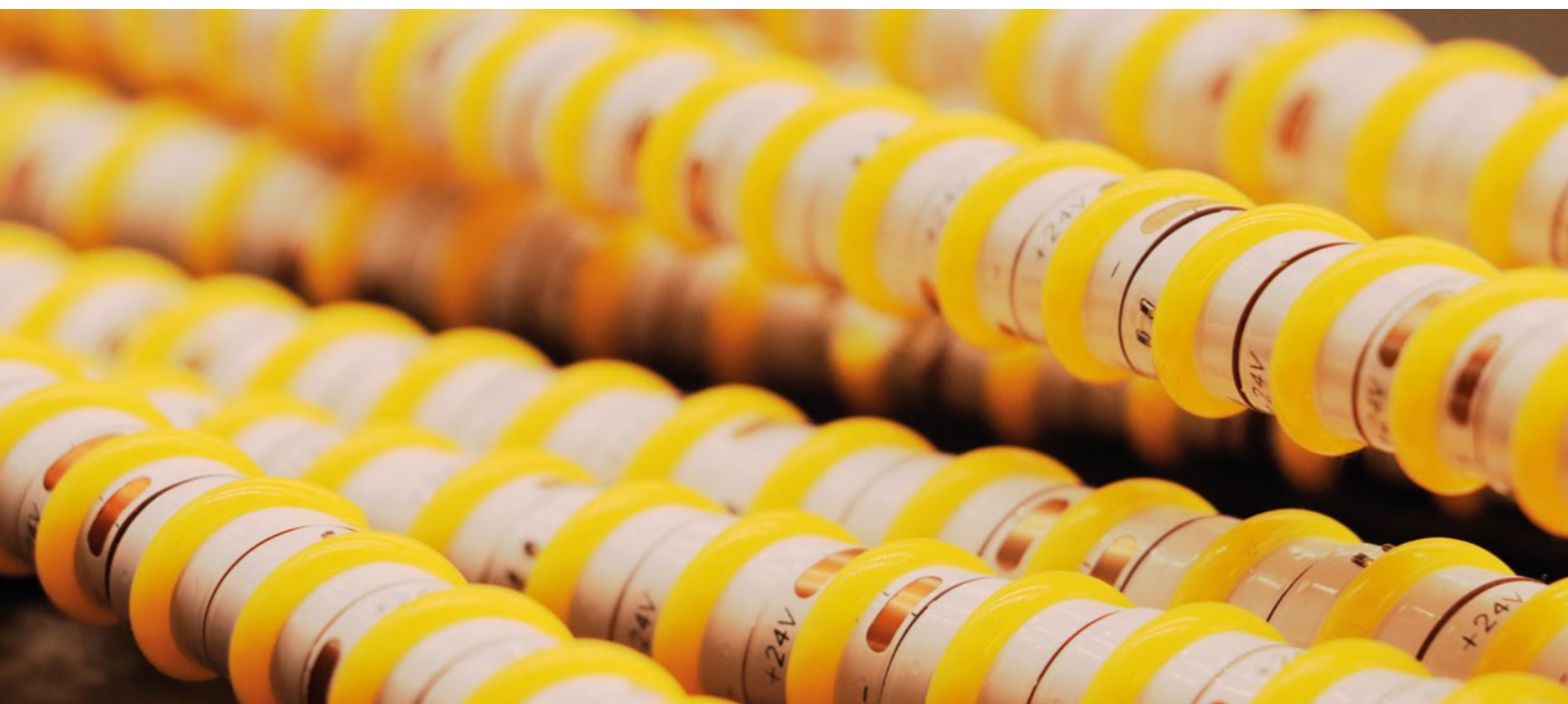
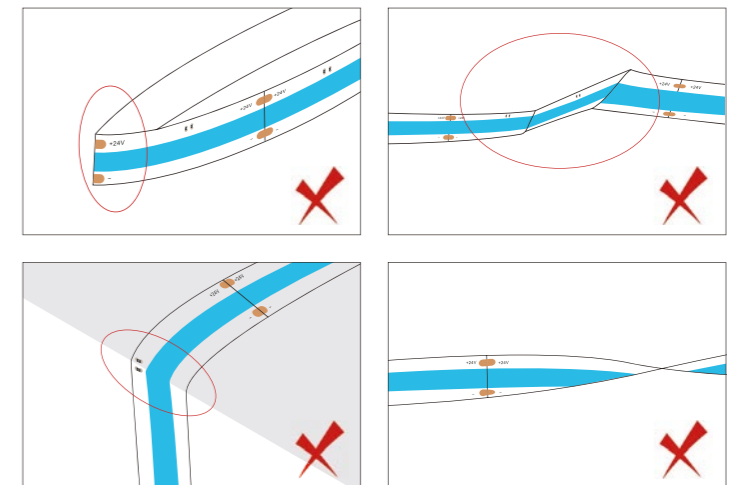
## APPLICATION

- ▶ Tape it to the place you want is simple installation.
- ▶ Use it with profiles or no profiles, both dot-free light.
- ▶ It can be used anywhere indoor you can image, such as ceiling, cabinet, bedside, etc.

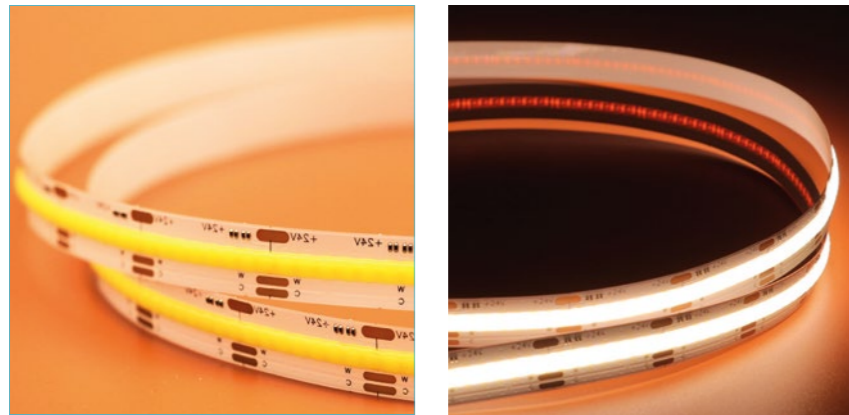


## ADDITIONAL INFO.

- ▶ The LED strip bending radius is 10mm. Please do not fold with sharp angle or twist the LED strip.
- ▶ It will be likely to destroy the LED strip if exceed the maximum rated operating voltage.
- ▶ Please do not connect the LED strip beyond the maximum connecting length.
- ▶ LED strips are equipped with a self-adhesive tape for attaching the LED strip to suitable materials, such as aluminum profiles, which must be clean and free of oil or silicone coatings, as well as other dirt/dust particles. The adhesive tape is intended for single use and if removed may damage the material to which it is stuck and the LED module itself, which must then be scrapped.

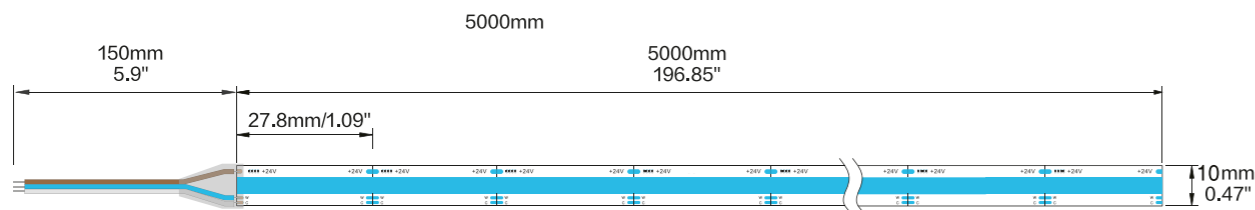


# COVEFLEX BASS IQ



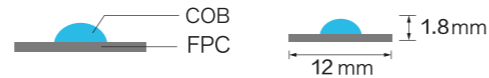
-Totally dot-free light itself. No need to consider dot spot issue, Just pick up the profile you like.  
 -One COB strip with 2700K and 6500K that together create a dynamic light spectrum.  
 -Set the light color temperature in the room according to the desired mood.  
 -CRI90

## DIMENSION



### Electrical data

Lumen efficiency	107lm/w(W+WW)
Ra	Ra90
SMD Type	COB
LEDs/m	576LEDs/m
Max current/LED	23mA
Voltage	DC24V
Width	10mm
Unit cut	27.8mm
Storage Temperature	-25°C / -13°F <sub>min</sub> 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>50000H
Waterproof rate	IP20
Warranty	5 Years



-Glossy and perfect line  
 -Wider beam angle  
 -More efficient cooling  
 -Flexibility of 10mm bending radius  
 -High CRI 90+  
 -Slim homogeneous light solution

CCT	LM/Mtr	Max. Watt	Max. Run Length
2700K	750	7.5W/M	5M
6500K	881	7.5W/M	5M
2700K+6500K	1605	15W/M	5M

LIFESPAN>50000H



INDOOR



WARRANTY 5 YEARS



**ONE BIN ONLY**  
 Color consistency Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
Bass IQ	2765=2700K+6500K	05000=5M/196.85"	150=15W

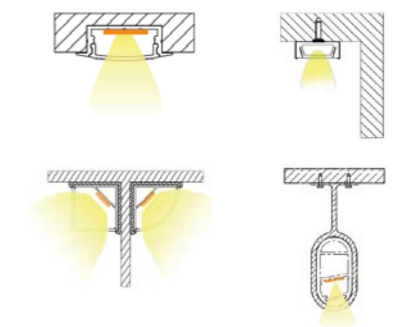
Example  
 Bass IQ-2765-05000-150:  
 COVEFLEX Bass IQ, 2700K+6500K,  
 5M/reel, 15W/m.

## PROFILES

Popular					
Cabinet					
Round					
Low and flat					
High and flat					

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER

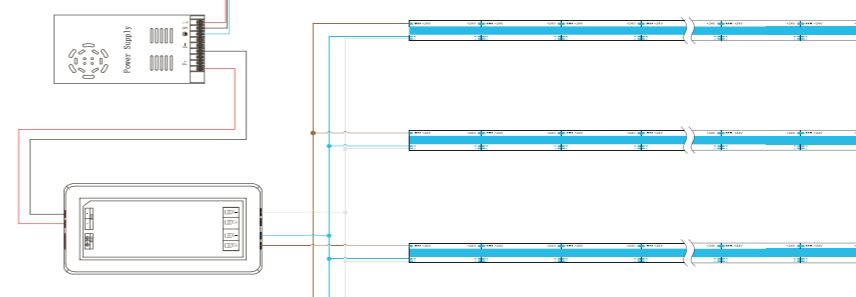


Order code:LRS-150-24  
 85-132VAC/ 170-264VAC  
 by switch DC24V 150W  
 IP20, global certification



Order code: M2+M3-3A  
 RF Controller  
 DC24V, 3A\*2Channel, Max 6A  
 IP20, Support remote control

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

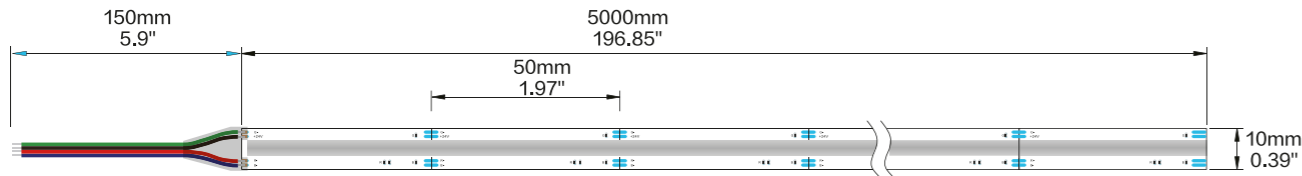
-Please contact us if >150W power supply is needed.

# COVEFLEX BASS RGB



- High lumen and fancy looking by new technology
- Change color as you desired
- One BIN Only ensures perfect color consistency
- Work with the common controllers in the market

## DIMENSION



### Electrical data

Lumen efficiency	47lm/w
SMD Type	COB
LEDs/m	840LEDs/m
Max current/LED	30mA
Voltage	DC24V
Width	10mm
Unit cut	50mm
Storage Temperature	-25°C / -13°F <sub>min</sub> , 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>50000H
Waterproof rate	IP20
Warranty	5 Years



- Glossy and perfect line
- Wider beam angle
- Uniform color changing
- Simple mounting and connection
- Homogeneous light solution

CCT	LM/Mtr	Max. Watt	Max. Run Length
R	252	8W/M	5M
G	485	4.5W/M	5M
B	68	2.5W/M	5M
RGB	699	15W/M	5M



**ONE BIN ONLY**  
Color consistency  
Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
Bass RGB	RGB	05000=5M/196.85"	150=15W

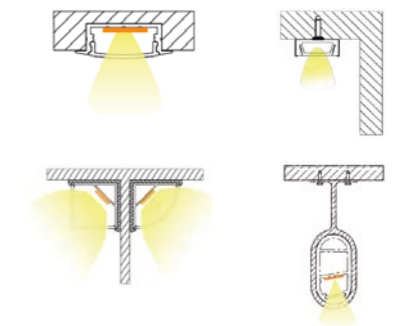
Example  
Bass RGB-05000-150:  
COVEFLEX Bass RGB, 5M/reel, 15W/m.

## PROFILES

Popular					
Cabinet					
Round					
Low and flat					
High and flat					

- The profiles can be ordered separately or assembled with strip.
- The strip lumen output will reduce about 15% with clear cover.
- The strip lumen output will reduce about 25% with diffuse cover.
- Opal/ lens cover is optional, please check case by case.
- Standard available lengths are 1mtr. & 2mtr.
- Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



Order code:LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification



Order code: M6+M3-3A  
RF Controller  
DC24V, 3A\*3Channel, Max 9A  
IP20, Support remote control

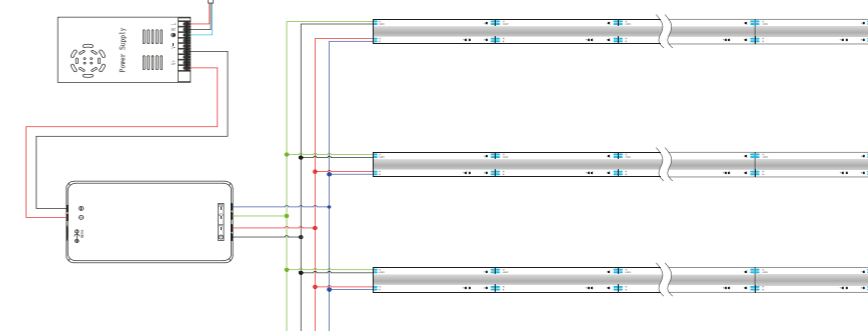


Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology

## WIRING

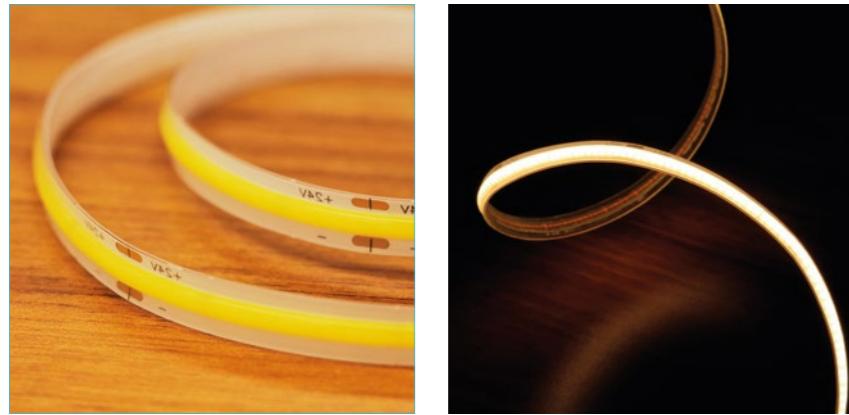


-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

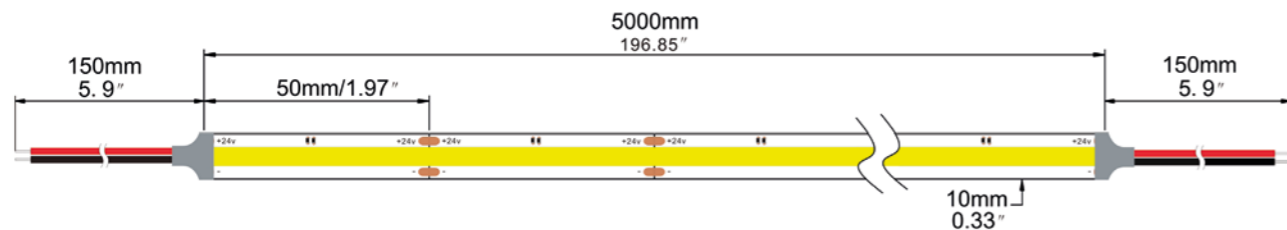
-Please contact us if >150W power supply is needed.

# COVEFLEX ALTO



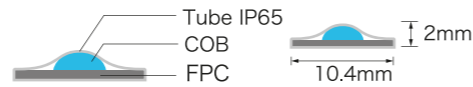
- Totally dot-free light without profiles or PC covers
- High lumen and fancy looking by the unique design
- One BIN Only ensures perfect color consistency
- SDCM 3
- Wide CCT range

## DIMENSION



### Electrical data

Lumen efficiency	110lm/w(4000K)
Ra	Ra90
SMD Type	COB
LEDs/m	480LEDs/m
Max current/LED	26mA
Voltage	DC24V(12V optional; ± 0.5V)
Width	10mm
Unit cut	50mm
Storage Temperature	-25°C / -13°F <sub>min</sub> 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>50000H
Waterproof rate	IP65
Warranty	5 Years



- Glossy and perfect line
- Wider beam angle
- More efficient cooling
- Flexibility of 10mm bending radius
- High CRI 90+
- Slim homogeneous light solution

(Lm/m)

CCT \ Power	2700K	3000K	4000K	6500K	Max. Run Length
5W/M	460	515	580	560	5M
10W/M	920	960	1100	1050	5M
15W/M	1350	1440	1550	1600	5M



**ONE BIN ONLY**  
Color consistency Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
ALTO	27=2700K	05000=5M/196.85"	050=5W
	30=3000K		100=10W
	40=4000K		150=15W
	65=6500K		

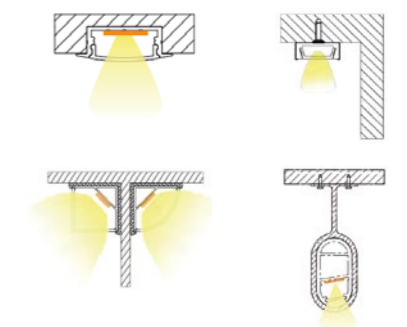
Example  
ALTO-27-05000-050:  
COVEFLEX ALTO, 2700K, 5M/reel, 5W/m.

## PROFILES

Popular					
Cabinet					
Round					
Low and flat					
High and flat					

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



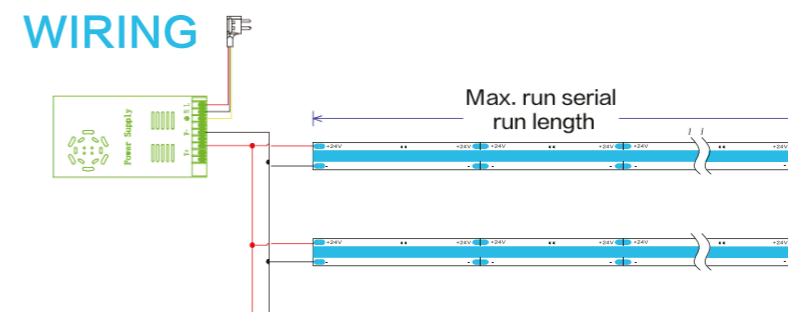
Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification

Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification  
Non dimmable

Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance

Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology

## WIRING



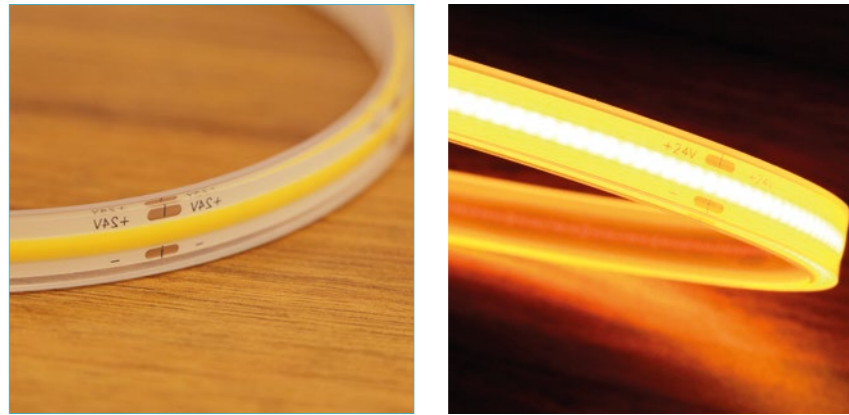
-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

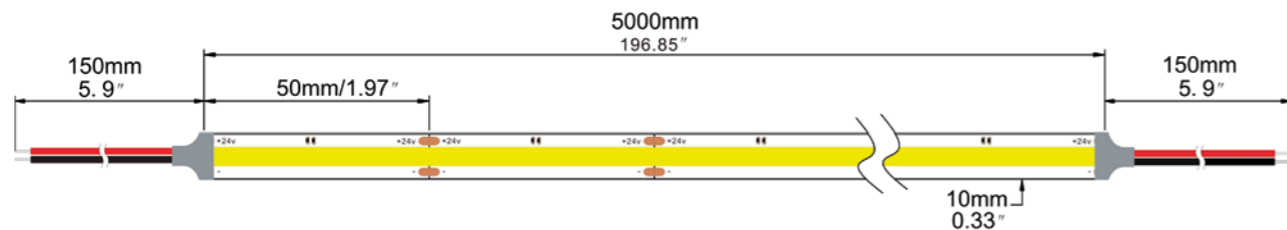


# COVEFLEX TREBLE



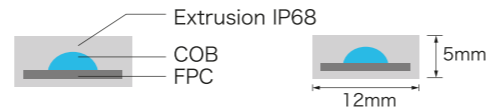
- Totally dot-free light without profiles or PC covers
- High lumen and fancy looking by the unique design
- One BIN Only ensures perfect color consistency
- SDCM 3
- Durable IP68

## DIMENSION



### Electrical data

Lumen efficiency	100lm/w(4000K)
Ra	Ra90
SMD Type	COB
LEDs/m	480LEDs/m
Max current/LED	26mA
Voltage	DC24V(12V optional; ± 0.5V)
Width	10mm
Unit cut	50mm
Storage Temperature	-25°C / -13°F <sub>min</sub> , 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>50000H
Waterproof rate	IP68
Warranty	5 Years



- Glossy and perfect line
- Wider beam angle
- More efficient cooling
- Flexibility of 60mm bending radius
- High CRI 90+
- Slim homogeneous light solution

(Lm/m)

CCT \ Power	2700K	3000K	4000K	6500K	Max. Run Length
5W/M	440	470	520	510	5M
10W/M	870	920	1030	1020	5M
15W/M	1250	1350	1470	1460	5M



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
TREBLE	27=2700K	05000=5M/196.85"	050=5W
	30=3000K		100=10W
	40=4000K		150=15W
	65=6500K		

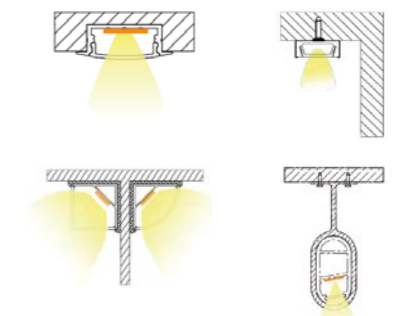
Example  
TREBLE-27-05000-050:  
COVEFLEX TREBLE, 2700K, 5M/reel,  
5W/m.

## PROFILES

Popular					
Cabinet					
Round					
Low and flat					
High and flat					

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification  
Non dimmable

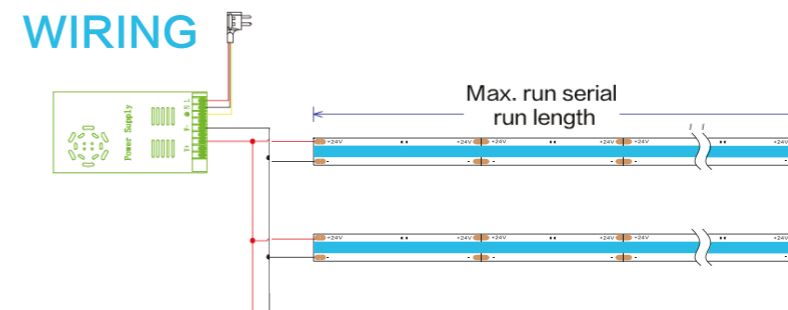


Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

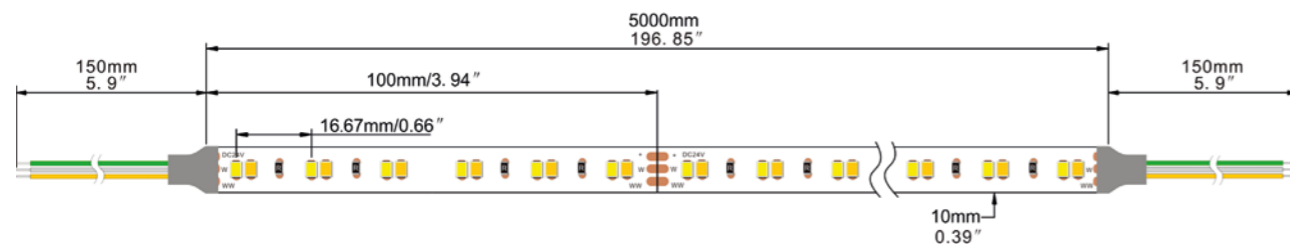
-Please contact us if >150W power supply is needed.

# COVEFLEX POP IQ



- Two LED with 2700K and 6500K that together create a dynamic light spectrum
- Set the light color temperature in the room according to the desired mood
- One BIN Only ensures perfect color consistency
- CRI80 and CRI90 optional
- SDCM 3
- Wide CCT range

## DIMENSION



### Electrical data

Lumen efficiency	78lm/w
SDCM	3 (2700K, 3000K, 4000K)
Ra	Ra90; Ra80 optional
SMD Type	2835
LEDs/m	120LEDs/m
Max current/LED	100mA
Voltage	DC24V(12V Optional; ±0.5V)
Width	10mm
Unit cut	100mm
Storage Temperature	-25°C / -13°F <sub>min</sub> ; 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	5 Years

- Adjustable color temperature via dual white: 2700K-6500K
- Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back
- Simple mounting and connection

CCT	LM/Mtr	Max. Watt	Max. Run Length
2700K	816	12W/M	5M
6500K	1050	12W/M	5M
2700K+6500K	1866	24W/M	5M

LIFESPAN>54000H

3 STEP

2700K  
3000K  
4000K

WARRANTY  
5 YEARS

INDOOR



**ONE BIN ONLY**  
Color consistency  
Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
POP IQ	2765=2700K+6500K	05000=5M/196.85"	240=24W

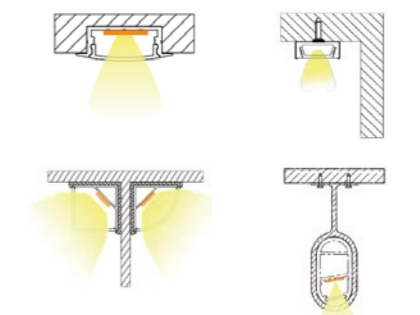
Example  
POP IQ-2765-05000-240:  
COVEFLEX POP IQ, 2700+6500K,  
5M/reel, 24W/m.

## PROFILES

Popular					
Cabinet					
Round					
Low and flat					
High and flat					

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER

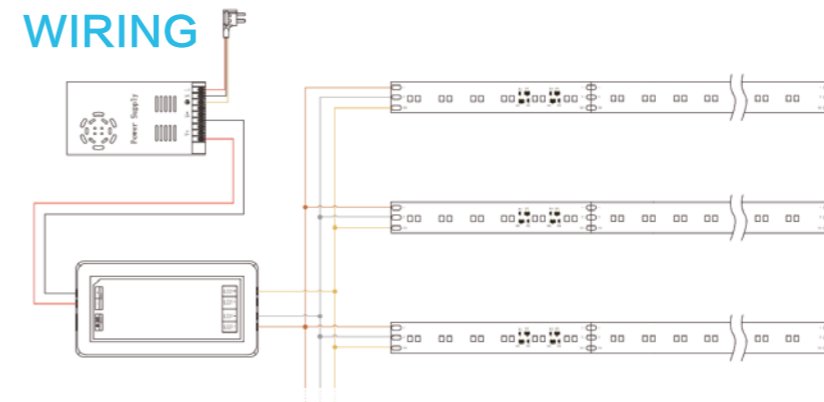


Order code:LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification



Order code: M2+M3-3A  
RF Controller  
DC24V, 3A\*2Channel, Max 6A  
IP20, Support remote control

## WIRING

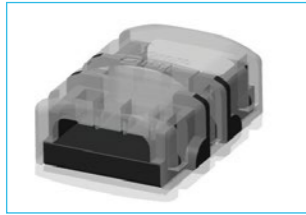


-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

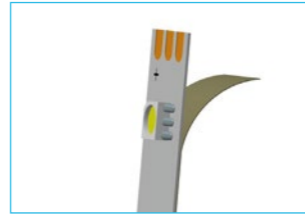
## STRIP TO STRIP CONNECTION



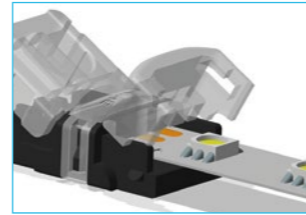
Connector IP20  
Strip to strip  
Order code: SS20103P



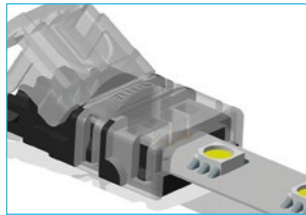
Cut the LED strip in cutting points



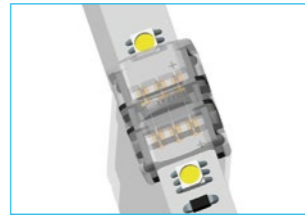
Peel off the 3M tape from the LED strip.



Put the LED strip directly into the connector.



Close the connector till the cover is locked in.



Successful connection.

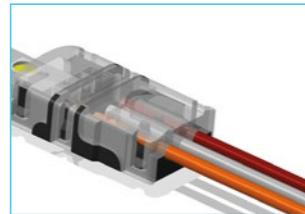
## STRIP TO CABLE CONNECTION



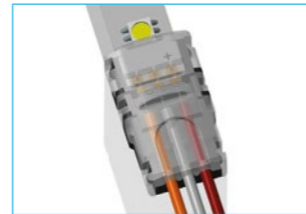
Connector IP20  
Strip to cable  
Order code: SC20103P



Put the required cable into connector.



Close the connector till the cover is locked in.



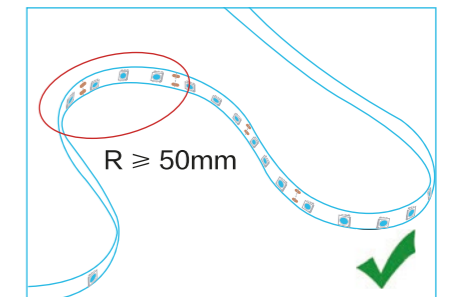
Successful connection.

Note: The positive and negative pole should be connected correspondingly.



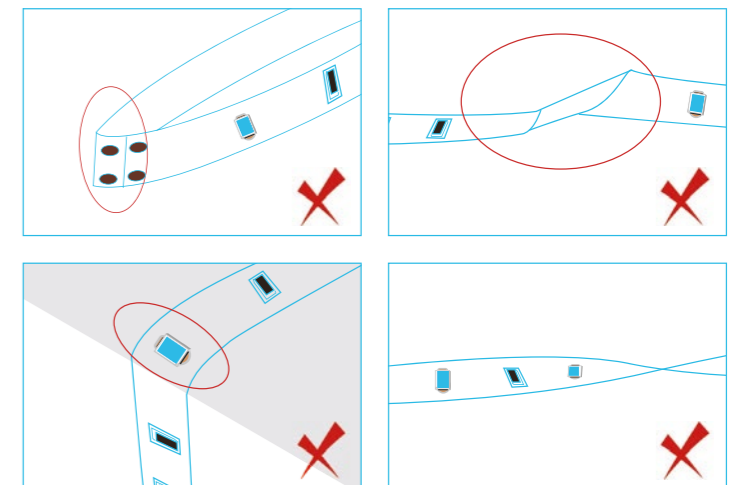
## APPLICATION

- ▶ It is ideal for accent and decorative lighting in almost all indoor projects like bar, canteen, hotel, shopping mall contour lighting.
- ▶ One strip with both warm and cold color temperature enables to meet various atmosphere and environment.



## ADDITIONAL INFO.

- ▶ The LED strip bending radius is 50mm. Please do not fold with sharp angle or twist the LED strip.
- ▶ It will be likely to destroy the LED strip if exceed the maximum rated operating voltage.
- ▶ Please do not connect the LED strip beyond the maximum connecting length.
- ▶ LED strips are equipped with a self-adhesive tape for attaching the LED strip to suitable materials, such as aluminum profiles, which must be clean and free of oil or silicone coatings, as well as other dirt/dust particles. The adhesive tape is intended for single use and if removed may damage the material to which it is stuck and the LED module itself, which must then be scrapped.

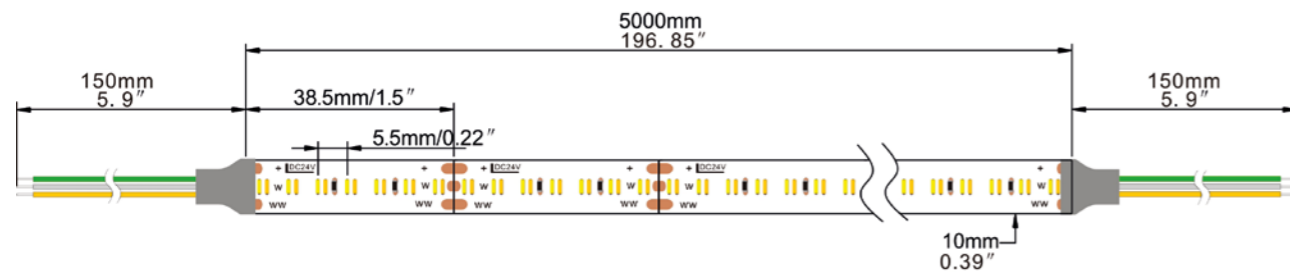


# COVEFLEX FURE IQ



- SMD1808, mini size led 1.8\*0.8mm only, but high brightness
- CRI95
- SDCM 3
- One BIN only ensures color consistency
- Wide CCT range for optional
- One led 2700K and one led 6500K create a dynamic light spectrum together
- High density 364leds per meter easy to achieve dot free light effect when install into aluminum profile

## DIMENSION



### Electrical data

Lumen efficiency	105lm/w
SDCM	3 (2700K, 3000K, 4000K)
Ra	Ra95
SMD Type	1808
LEDs/m	364LEDs/m
Max current/LED	32mA
Voltage	DC24V(±0.5V)
Width	10mm
Unit cut	38.5mm
Storage Temperature	-25°C / -13°F <sub>min</sub> 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	5 Years

- High luminous flux
- Extraordinary design and high quality materials
- Pre-soldered wires on both ends

CCT	LM/Mtr	Max. Watt	Max. Run Length
2700K	828	9.6W/M	5M
6500K	1018	9.6W/M	5M
2700K+6500K	1846	19.2W/M	5M

**LIFESPAN>54000H**

**3 STEP**

2700K  
3000K  
4000K

**WARRANTY 5 YEARS**

**INDOOR**



**ONE BIN ONLY**  
Color consistency Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
FURE IQ	2765=2700K+6500K	05000=5M/196.85"	192=19.2W

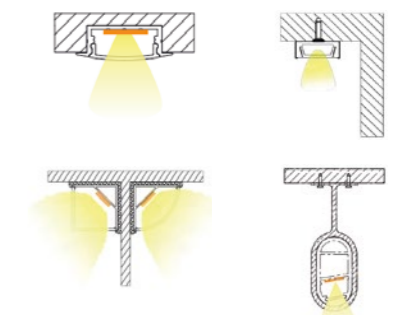
Example  
FURE IQ-2765-05000-192:  
COVEFLEX FURE IQ, 2700+6500K,  
5M/reel, 19.2W/m.

## PROFILES

Popular					
Cabinet					
Round					
Low and flat					
High and flat					

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER

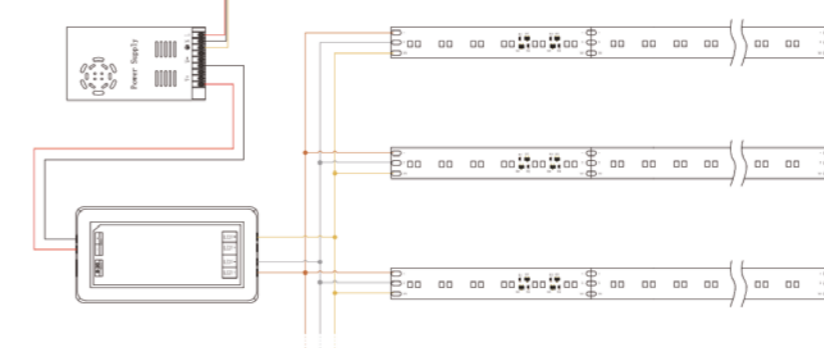


Order code:LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification



Order code: M2+M3-3A  
RF Controller  
DC24V, 3A\*2Channel, Max 6A  
IP20, Support remote control

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

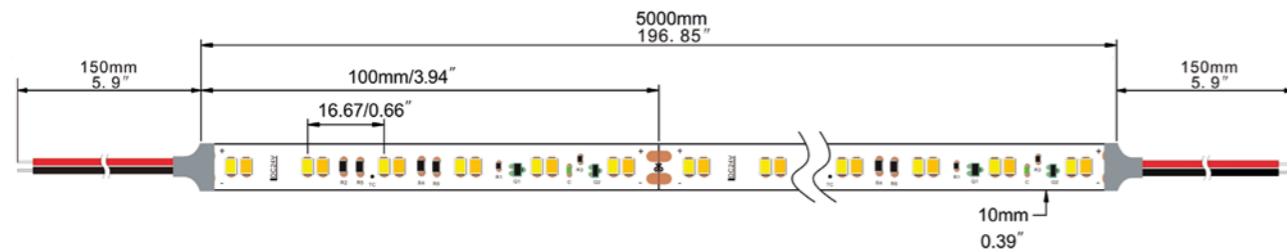
-Please contact us if >150W power supply is needed.

# COVEFLEX MOOD



-SMD2835 Dim to Warm led strip  
 -Dims from 2100K to 3500K, CCT gets warmer when brightness is goes down  
 -Silicon controll, 0/1-10V, and PWM constant voltage dimmable are acceptable

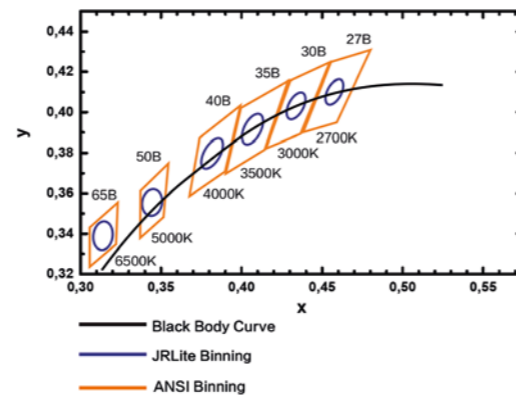
## DIMENSION



### Electrical data

Lumen efficiency	88lm/w
Ra	Ra80/Ra90 optional
SMD Type	2835
LEDs/m	120LEDs/m
Max current/LED	60mA
Voltage	DC24V(±0.5V)
Width	10mm
Unit cut	100mm
Storage Temperature	-25°C / -13°F <sub>min</sub> 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	5 Years

### Binning



(Lm/m)

CCT	Dim to warm 2100-3500K	Max. Run Length
Power	Max lumen 1466LM/M	5M
14.4W/M		

LIFESPAN>54000H

INDOOR

WARRANTY 5 YEARS



**ONE BIN ONLY**  
 Color consistency  
 Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
MOOD	2135=2100K+3500K	05000=5M/196.85"	144=14.4W

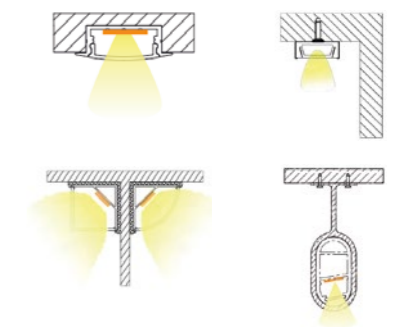
Example  
 MOOD-2135-05000-144:  
 COVEFLEX MOOD, 2100K+3500K, 5M/  
 reel, 14.4W/m.

## PROFILES

Popular					
Cabinet					
Round					
Low and flat					
High and flat					

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER

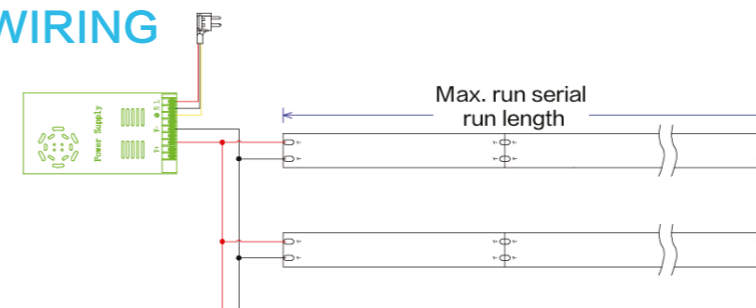


Order code: ELG-150-24B  
 AC100-305V DC24V 150W  
 IP67, Global certification  
 3in1 dimming function: 0-10Vdc,  
 10V PWM signal and resistance



Order code: T1+R1-10A  
 Signal Dimmer  
 AC85-265, DC24V, Max 10A  
 IP20, Remote distance  
 40-50meters

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

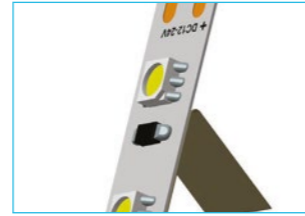
## STRIP TO STRIP CONNECTION



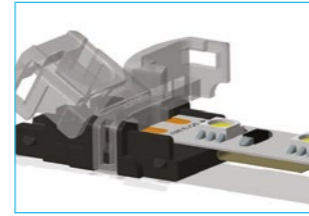
Connector IP20  
Strip to strip  
Order code: SS20102P



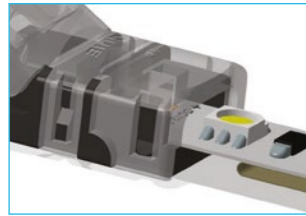
Cut the LED strip in  
cutting points



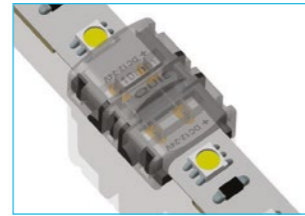
Peel off the 3M tape  
from the LED strip.



Put the LED strip directly  
into the connector.



Close the connector till  
the cover is locked in.



Successful connection.

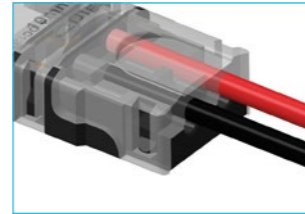
## STRIP TO CABLE CONNECTION



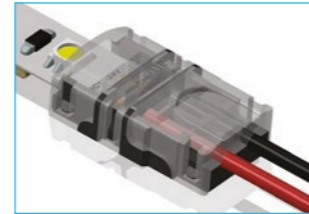
Connector IP20  
Strip to cable  
Order code: SC20102P



Put the required cable  
into connector.



Close the connector till  
the cover is locked in.

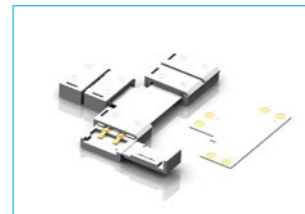


Successful connection.

## STRIP TO STRIP CORNER CONNECTION



Connector IP20 L shape  
Order code: SS20102PL



Connector IP20 T shape  
Order code: SS20102PT



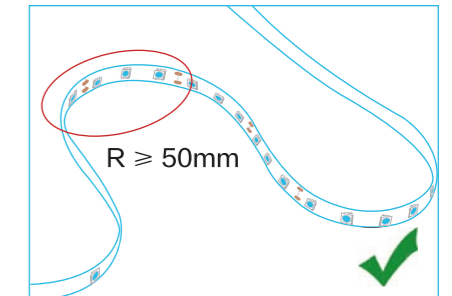
Connector IP20 cross  
shape  
Order code: SS20102PC

Note: The positive and negative pole should be connected correspondingly.



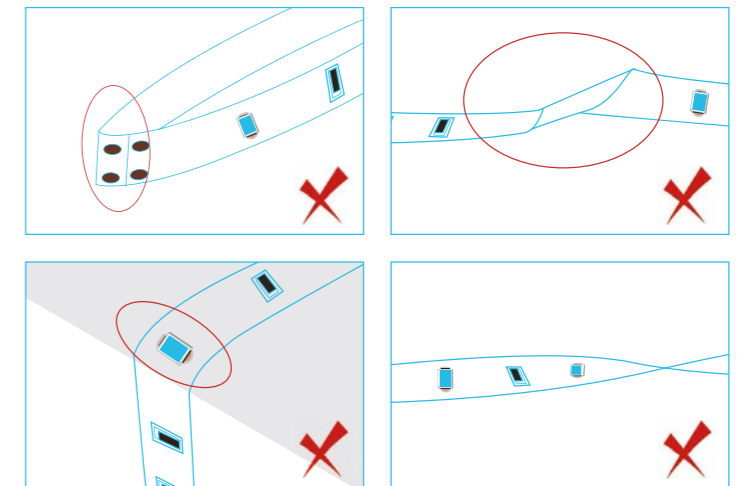
## APPLICATION

- Suitable for decorative lighting, boutique atmosphere lighting, such as living room, bedroom, restaurant, etc.
- It can be used with regular constant-voltage drivers and 1-10V dimmer, to achieve CCT changes.



## ADDITIONAL INFO.

- The LED strip bending radius is 50mm. Please do not fold with sharp angle or twist the LED strip.
- It will be likely to destroy the LED strip if exceed the maximum rated operating voltage.
- Please do not connect the LED strip beyond the maximum connecting length.
- LED strips are equipped with a self-adhesive tape for attaching the LED strip to suitable materials, such as aluminum profiles, which must be clean and free of oil or silicone coatings, as well as other dirt/dust particles. The adhesive tape is intended for single use and if removed may damage the material to which it is stuck and the LED module itself, which must then be scrapped.

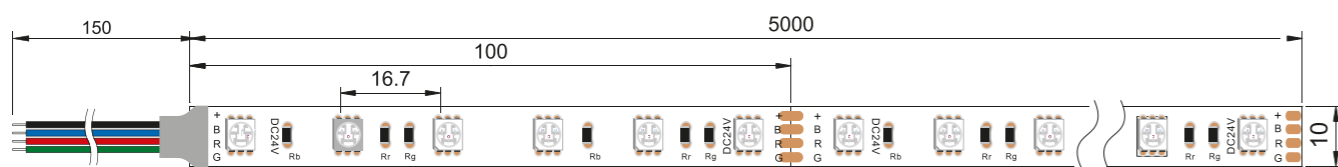


# COVEFLEX FULOS



- SMD5050 RGB, the most popular color items
- Change color as you desired
- One BIN Only ensures perfect color consistency
- Work with the common controllers in the market

## DIMENSION



### Electrical data

Lumen efficiency	35lm/w
SMD Type	5050
LEDs/m	60LEDs/m
Max current/LED	54mA
Voltage	DC24V(12V optional; ±0.5V)
Width	10mm
Unit cut	100mm
Storage Temperature	-25°C / -13°F <sub>min</sub> , 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	5 Years

- Flexible and cuttable LED strip with multichip RGB LED
- Uniform color changing
- Simple mounting and connection

CCT	LM/Mtr	Max. Watt	Max. Run Length
R	150	4.8W/M	5M
G	270	4.8W/M	5M
B	80	4.8W/M	5M
RGB	660	14.4W/M	5M

LIFESPAN>54000H

INDOOR

WARRANTY 5 YEARS



**ONE BIN ONLY**  
Color consistency Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
FULOS	RGB	05000=5M/196.85'	144=14.4W

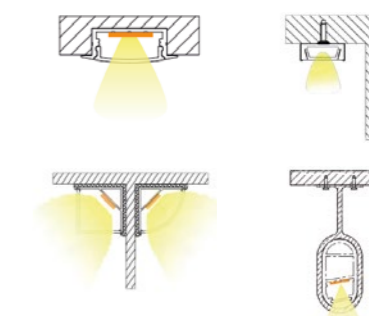
Example  
FULOS-RGB-05000-144:  
COVEFLEX FULOS, RGB,  
5M/reel, 14.4W/m.

## PROFILES

Popular					
Cabinet					
Round					
Low and flat					
High and flat					

- The profiles can be ordered separately or assembled with strip.
- The strip lumen output will reduce about 15% with clear cover.
- The strip lumen output will reduce about 25% with diffuse cover.
- Opal/ lens cover is optional, please check case by case.
- Standard available lengths are 1mtr. & 2mtr.
- Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



Order code:LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification



Order code: M6+M3-3A  
RF Controller  
DC24V, 3A\*3Channel, Max 9A  
IP20, Support remote control

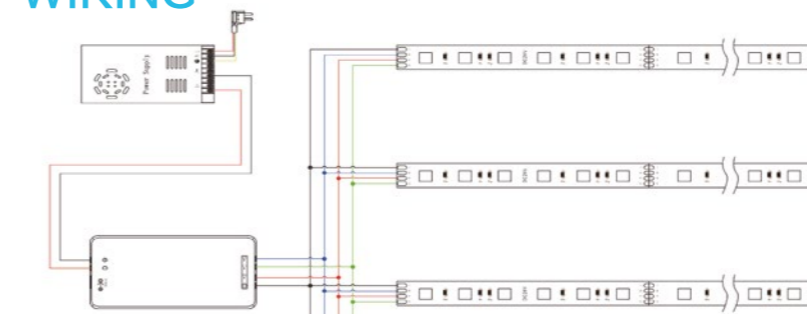


Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

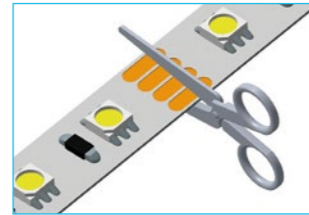
-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

## STRIP TO STRIP CONNECTION



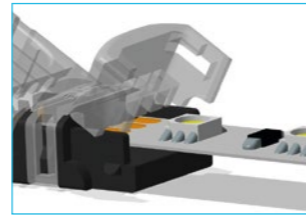
Connector IP20  
Strip to strip  
Order code: SS20104P



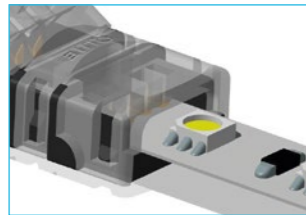
Cut the LED strip in cutting points



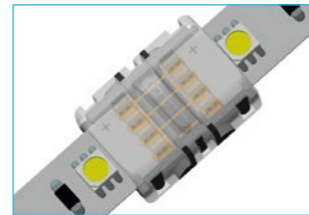
Peel off the 3M tape from the LED strip.



Put the LED strip directly into the connector.



Close the connector till the cover is locked in.



Successful connection.

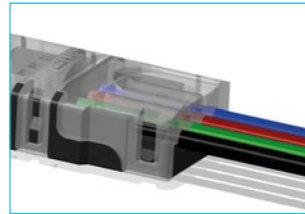
## STRIP TO CABLE CONNECTION



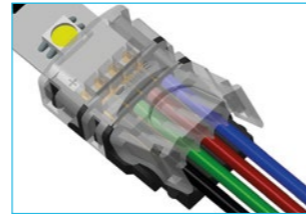
Connector IP20  
Strip to cable  
Order code: SC20104P



Put the required cable into connector.



Close the connector till the cover is locked in.



Successful connection.

## STRIP TO STRIP CORNER CONNECTION



Connector IP20 L shape  
Order code: SS20104PL

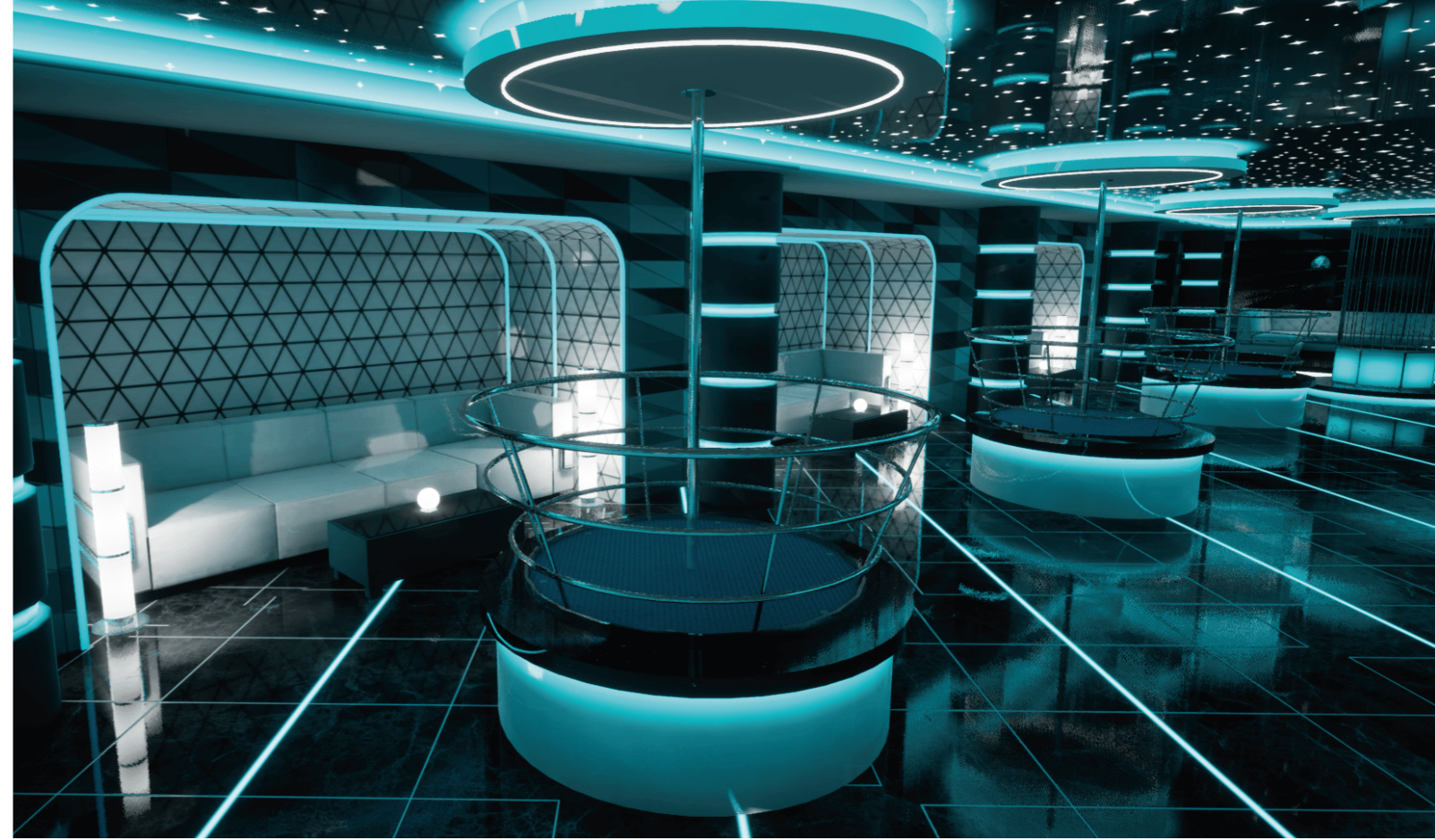


Connector IP20 T shape  
Order code: SS20104PT



Connector IP20 cross shape  
Order code: SS20104PC

Note: The positive and negative pole should be connected correspondingly.

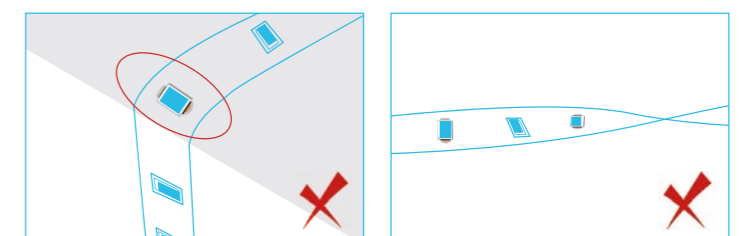
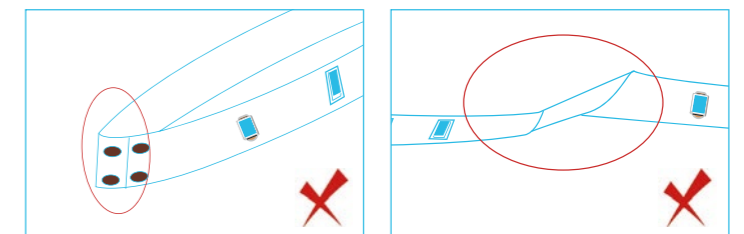
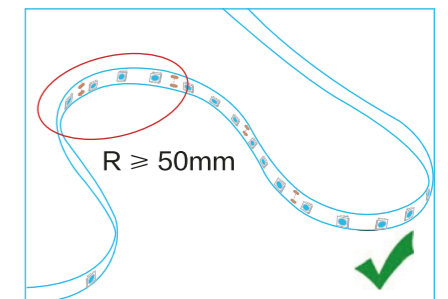


## APPLICATION

- ▶ With the RGB controller, it can switch different colors as you need.
- ▶ Flexible application for holiday light sculpture, decorative figure, active signs, displays, shop windows, and so on.

## ADDITIONAL INFO.

- ▶ The LED strip bending radius is 50mm. Please do not fold with sharp angle or twist the LED strip.
- ▶ It will be likely to destroy the LED strip if exceed the maximum rated operating voltage.
- ▶ Please do not connect the LED strip beyond the maximum connecting length.
- ▶ LED strips are equipped with a self-adhesive tape for attaching the LED strip to suitable materials, such as aluminum profiles, which must be clean and free of oil or silicone coatings, as well as other dirt/dust particles. The adhesive tape is intended for single use and if removed may damage the material to which it is stuck and the LED module itself, which must then be scrapped.



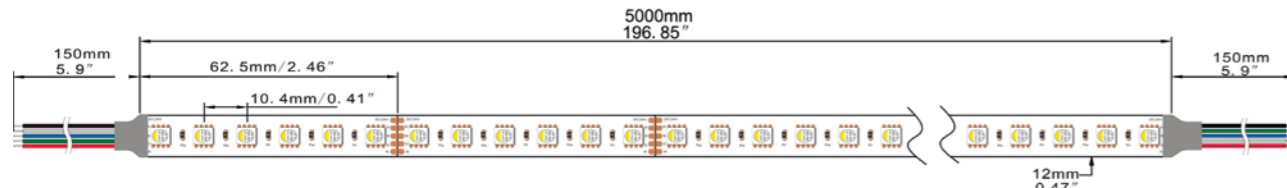


# COVEFLEX VIVI



- SMD5050 RGBW (4 in1), adopts single LED with 4 chips
- Changeable colors and speed freely with RGBW controller
- One BIN Only ensures perfect color consistency
- Cold white, natural white and warm white are all available

## DIMENSION



### Electrical data

Lumen efficiency	58lm/w(W=4000K)
Ra	Ra80
SMD Type	5050
LEDs/m	96LEDs/m
Max current/LED	79.6mA
Voltage	DC24V(±0.5V)
Width	12mm
Unit cut	62.5mm
Storage Temperature	-25°C / -13°F <sub>min</sub> , 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	5 Years

- Dynamic effects in public zones
- Uniform color changing
- Simplified connection with matching connector

CCT	LM/Mtr	Max. Watt	Max. Run Length
R	149	4.8W/M	5M
G	379	4.8W/M	5M
B	106	4.8W/M	5M
W30	456	4.8W/M	5M
W40	484	4.8W/M	5M
W65	490	4.8W/M	5M
RGBW40	1182	19.2W/M	5M

LIFESPAN>54000H

INDOOR

WARRANTY 5 YEARS



**ONE BIN ONLY**  
Color consistency Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
VIVI	RGBW27=RGB+2700K	05000=5M/196.85"	192=19.2W
	RGBW30=RGB+3000K		
	RGBW40=RGB+4000K		
	RGBW65=RGB+6500K		

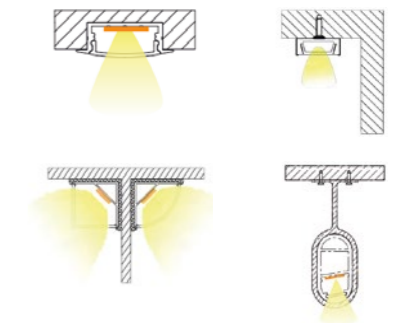
Example  
VIVI-RGBW65-05000-192:  
COVEFLEX VIVI, RGB+6500K,  
5M/reel, 19.2W/m.

## PROFILES

Popular					
Cabinet					
Round					
Low and flat					
High and flat					

- The profiles can be ordered separately or assembled with strip.
- The strip lumen output will reduce about 15% with clear cover.
- The strip lumen output will reduce about 25% with diffuse cover.
- Opal/ lens cover is optional, please check case by case.
- Standard available lengths are 1mtr. & 2mtr.
- Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



Order code:LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification



Order code: M4+M4-3A  
RF Controller  
DC24V, 3A\*4Channel, Max 12A  
IP20, Support remote control

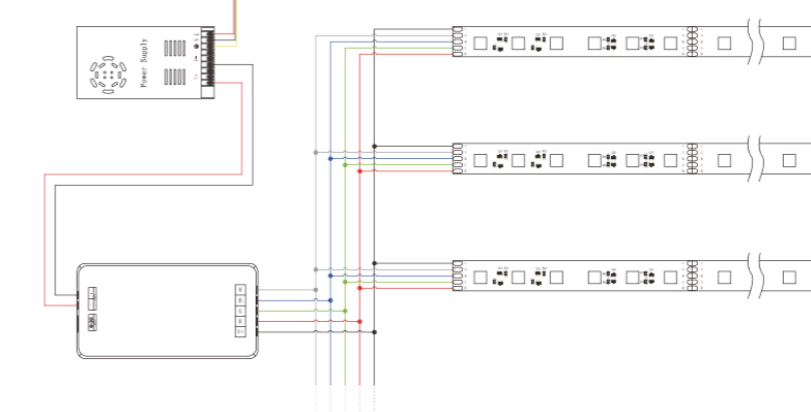


Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

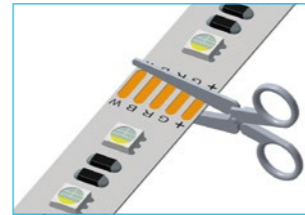
-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

## STRIP TO STRIP CONNECTION



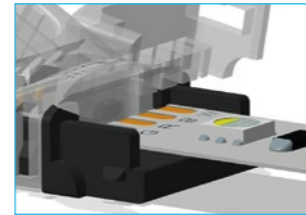
Connector IP20  
Strip to strip  
Order code: SS20125P



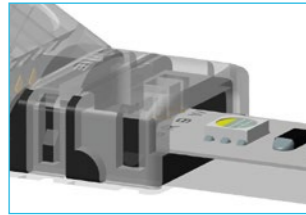
Cut the LED strip in cutting points



Peel off the 3M tape from the LED strip.



Put the LED strip directly into the connector.



Close the connector till the cover is locked in.

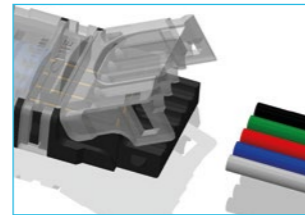


Successful connection.

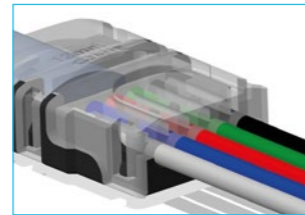
## STRIP TO CABLE CONNECTION



Connector IP20  
Strip to cable  
Order code: SC20125P



Put the required cable into connector.



Close the connector till the cover is locked in.

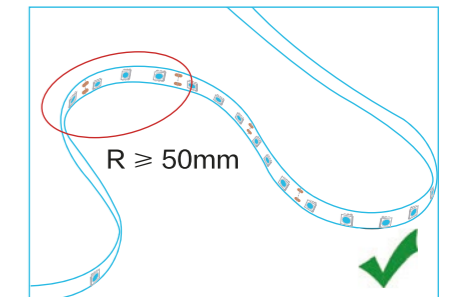


Successful connection.



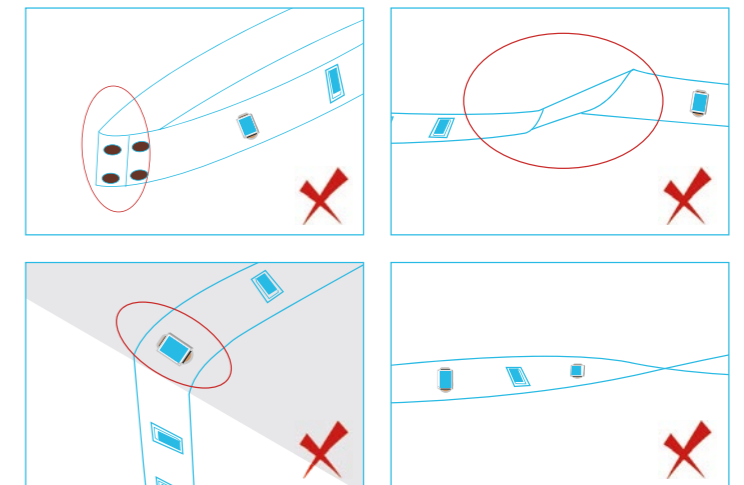
## APPLICATION

- ▶ Widely used for home decoration, hotels, clubs, bar, shopping malls.
- ▶ Suitable for brightening of city outline, such as facade lighting, advertising walls, signboards, Christmas landscape decoration, and so on.



## ADDITIONAL INFO.

- ▶ The LED strip bending radius is 50mm. Please do not fold with sharp angle or twist the LED strip.
- ▶ It will be likely to destroy the LED strip if exceed the maximum rated operating voltage.
- ▶ Please do not connect the LED strip beyond the maximum connecting length.
- ▶ LED strips are equipped with a self-adhesive tape for attaching the LED strip to suitable materials, such as aluminum profiles, which must be clean and free of oil or silicone coatings, as well as other dirt/dust particles. The adhesive tape is intended for single use and if removed may damage the material to which it is stuck and the LED module itself, which must then be scrapped.



Note: The positive and negative pole should be connected correspondingly.

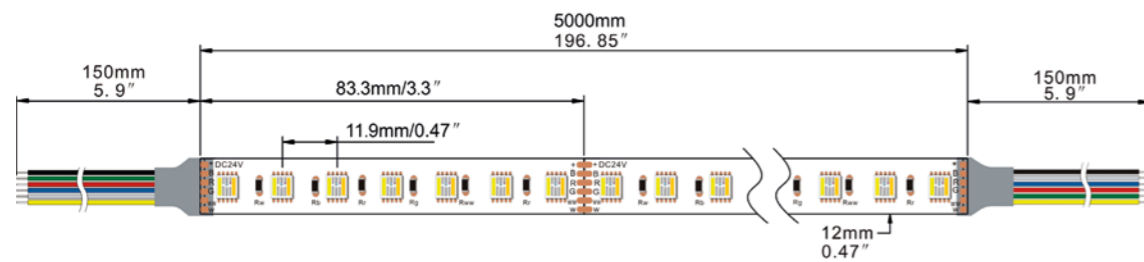


# COVEFLEX PEFI



- SMD5050 RGBWW (5 in1), adopts single LED with 5 chips. RGB+ cold white (6000-6500k)+warm white(2200-2400k)
- Using RGB+W+WW controller can achieve any flashing effects
- One BIN Only ensures perfect color consistency

## DIMENSION



### Electrical data

Lumen efficiency	63lm/w
Ra	Ra80
SMD Type	5050
LEDs/m	84LEDs/m
Max current/LED	83.3mA
Voltage	DC24V(±0.5V)
Width	12mm
Unit cut	83.3mm
Storage Temperature	-25°C / -13°F <sub>min</sub> 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	5 Years

- Uniform color changing
- Great design freedom thanks to flexibility and cuttability of PCB
- Toolless connection with the suitable connector

CCT	LM/Mtr	Max. Watt	Max. Run Length
R	118	3.8W/M	5M
G	300	3.8W/M	5M
B	84	3.8W/M	5M
W24	342	3.8W/M	5M
W65	388	3.8W/M	5M
RGBWW	1220	19.2W/M	5M

LIFESPAN>54000H



INDOOR



WARRANTY 5 YEARS



**ONE BIN ONLY**  
Color consistency Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
PEFI	RGBWW=RGB+2400K+6500K	05000=5M/196.85"	192=19.2W

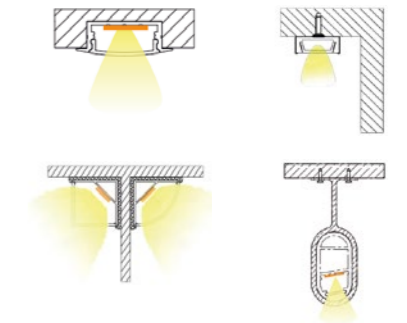
Example  
PEFI-RGBWW-05000-192:  
COVEFLEX PEFI, RGB+2400K+6500K,  
5M/reel, 19.2W/m.

## PROFILES

Popular					
Cabinet					
Round					
Low and flat					
High and flat					

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



Order code:LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification



Order code: F5-DMX-4A  
RF Controller  
DC24V, 4A\*3Channel, Max 20A  
IP20, Support remote control

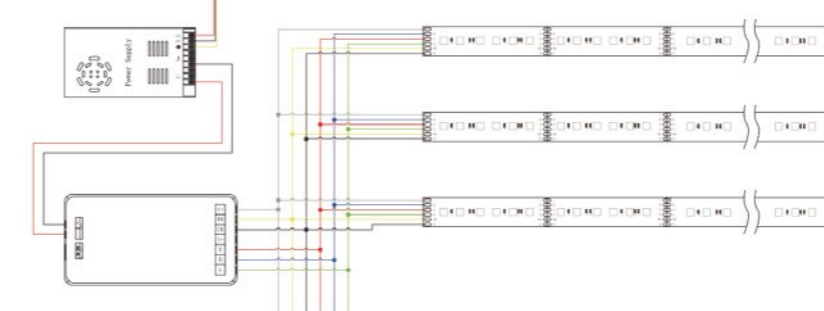


Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

## STRIP TO STRIP CONNECTION



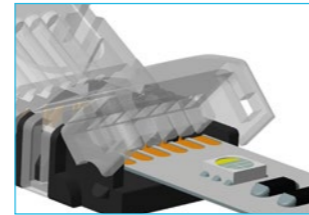
Connector IP20  
Strip to strip  
Order code: SS20126P



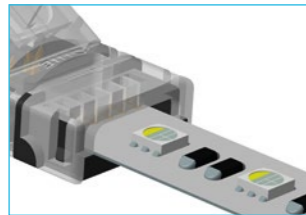
Cut the LED strip in cutting points



Peel off the 3M tape from the LED strip.



Put the LED strip directly into the connector.



Close the connector till the cover is locked in.



Successful connection.

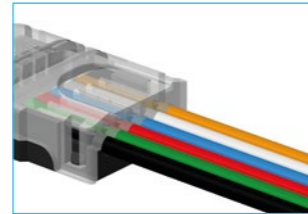
## STRIP TO CABLE CONNECTION



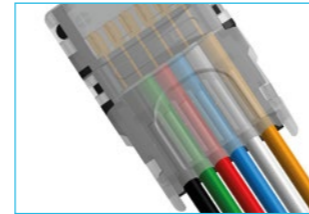
Connector IP20  
Strip to cable  
Order code: SC20126P



Put the required cable into connector.



Close the connector till the cover is locked in.

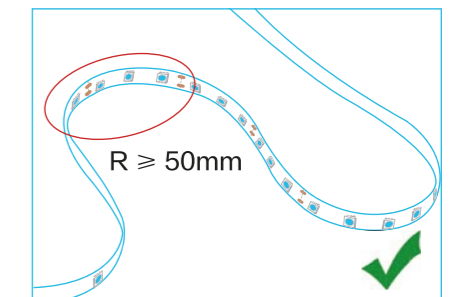


Successful connection.



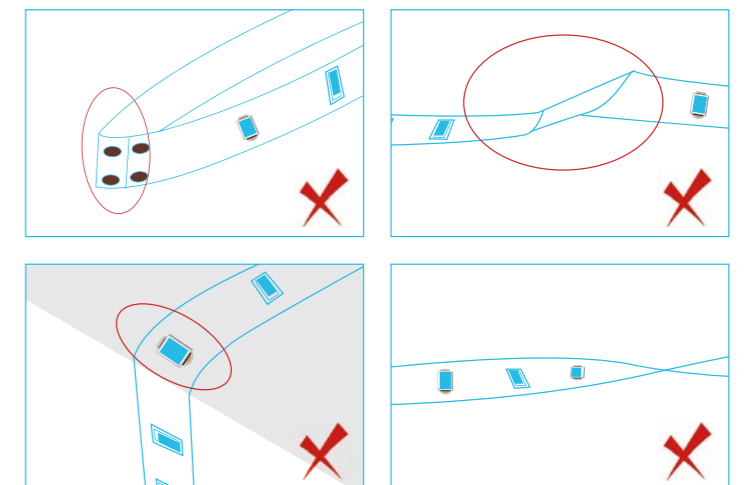
## APPLICATION

- ▶ Can be mounted on bar, windows, archways, canopies or corridors for architectural lighting, also suitable for decorative lighting in holidays, exhibitions etc.
- ▶ With changeable colors and speed automatically and periodically, RGBWW is perfect for various applications, including film lighting, stage lighting and commercial lighting.



## ADDITIONAL INFO.

- ▶ The LED strip bending radius is 50mm. Please do not fold with sharp angle or twist the LED strip.
- ▶ It will be likely to destroy the LED strip if exceed the maximum rated operating voltage.
- ▶ Please do not connect the LED strip beyond the maximum connecting length.
- ▶ LED strips are equipped with a self-adhesive tape for attaching the LED strip to suitable materials, such as aluminum profiles, which must be clean and free of oil or silicone coatings, as well as other dirt/dust particles. The adhesive tape is intended for single use and if removed may damage the material to which it is stuck and the LED module itself, which must then be scrapped.



Note: The positive and negative pole should be connected correspondingly.

Polyurethane surface coating

# IP65

Why JRLite COVEFLEX IP65 series?

1. It is no yellowish, no breakage, no smell thanks to top -grade Polyurethane surface
2. JRLite use led in 3-step MacAdam ellipse one bin only. In this way, we could promise color consistency from reel to reel and order to order.
3. With Polyurethane surface coating, it is IP65 protection. It could be widely used interior and some wet areas.

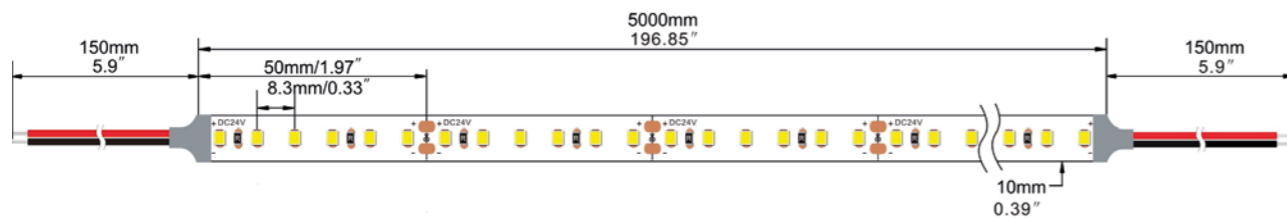


# COVEFLEX NUNU



- Fancy looking with Polyurethane surface coating
- No yellowish, no smelling, no breakage, extremely flexible
- One BIN Only ensures perfect color consistency
- SDCM 3
- Wide CCT range

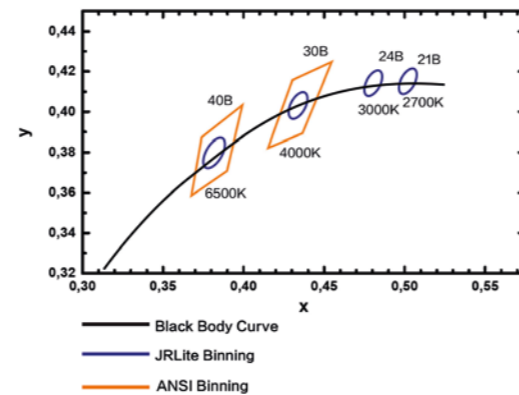
## DIMENSION



### Electrical data

Lumen efficiency	90lm/w(4000K)
Ra	Ra90; Ra80 optional
SMD Type	2835
LEDs/m	120LEDs/m
Max current/LED	49.6mA
Voltage	DC24V(12V Optional; ±0.5V)
Max Reel Length	5000mm
Width	10mm
Unit cut	50mm
Storage Temperature	-25°C / -13°F <sub>min</sub> ; 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP65
Warranty	5 Years

### Binning



(Lm/m)

CCT \ Power	2700K	3000K	4000K	6500K	Max. Run Length
4.8W/M	470	485	500	512	5M
9.6W/M	840	860	880	890	5M
14.4W/M	1176	1195	1266	1268	5M
19.2W/M	1500	1535	1620	1632	5M
24W/M	1800	1870	1944	1950	5M

LIFESPAN > 54000H

RESISTANT TO SOLVENTS

TEMPORARY IMMERSION

WARRANTY 5 YEARS

INDOOR

**ONE BIN ONLY**  
Color consistency Today and tomorrow



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
NUNU	27=2700K	05000=5M/196.85'	048=4.8W
	30=3000K		096=9.6W
	40=4000K		144=14.4W
	65=6500K		192=19.2W
			240=24W

Example  
NUNU-27-05000-048:  
COVEFLEX NUNU, 2700K, 5M/reel, 4.8W/m.

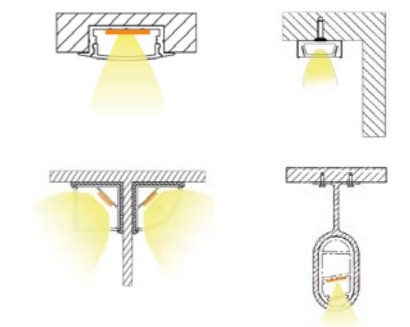
NUNU-65-01500-240:  
COVEFLEX NUNU, 6500K, 1.5M/reel, 24W/m.

## PROFILES

Profile Type	AP-1415	AP-2015	AP-1202	AP-1103	AP-1101
Popular					
Cabinet					
Round					
Low and flat					
High and flat					

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



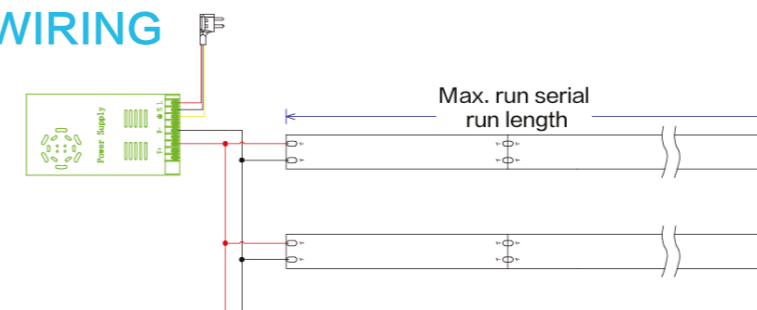
Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification

Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification  
Non dimmable

Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance

Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

## STRIP TO STRIP CONNECTION



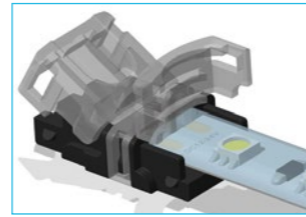
Connector IP65  
Strip to strip  
Order code: SS65102P



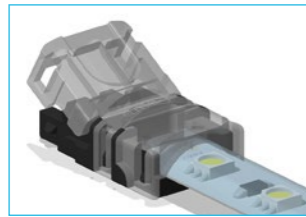
Cut the LED strip in cutting points



Peel off the 3M tape from the LED strip.



Put the LED strip directly into the connector.



Close the connector till the cover is locked in.



Successful connection.

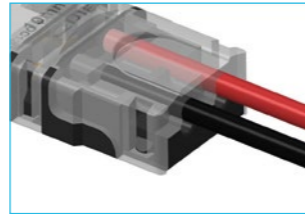
## STRIP TO CABLE CONNECTION



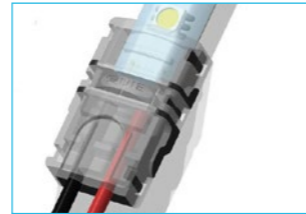
Connector IP65  
Strip to cable  
Order code: SC65102P



Put the required cable into connector.



Close the connector till the cover is locked in.



Successful connection.

Note: The positive and negative pole should be connected correspondingly.

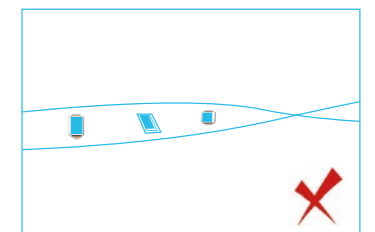
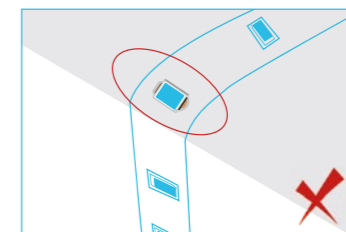
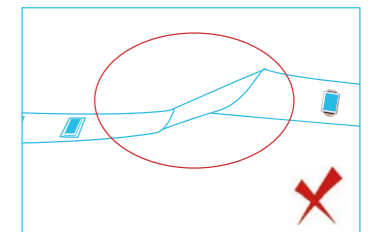
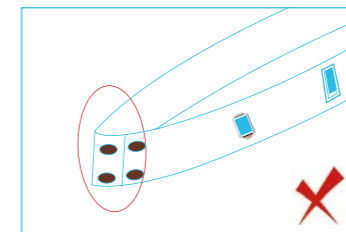
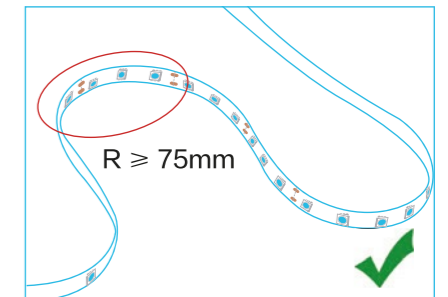


## APPLICATION

- ▶ Extensively applied in bathroom, kitchen and any wet locations.
- ▶ It is perfectly widely used in cove lighting, and ideal solution to replace T5 tube, can be directly installed without profile.

## ADDITIONAL INFO.

- ▶ The LED strip bending radius is 75mm. Please do not fold with sharp angle or twist the LED strip.
- ▶ It will be likely destroy the LED strip if exceed the maximum rated operating voltage.
- ▶ Please do not connect the LED strip beyond the maximum connecting length.
- ▶ LED strips are equipped with a self-adhesive tape for attaching the LED strip to suitable materials, such as aluminum profiles, which must be clean and free of oil or silicone coatings, as well as other dirt/dust particles. The adhesive tape is intended for single use and if removed may damage the material to which it is stuck and the LED module itself, which must then be scrapped.

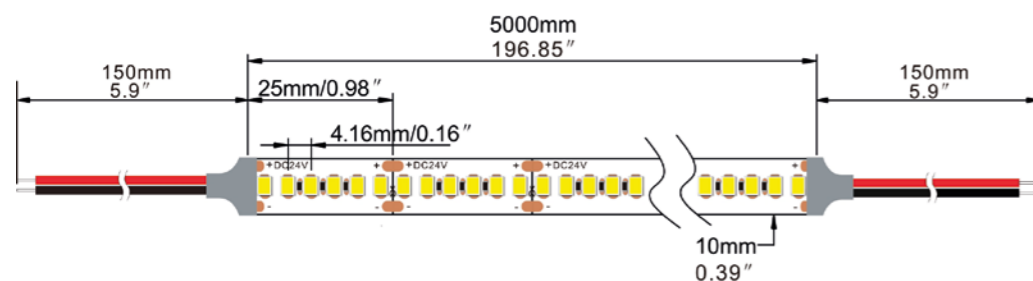


# COVEFLEX NUNU HD



- Good light output thanks to short LED distance and high color consistency
- Easy mounting on many smooth surfaces with self-adhesive tape at the back
- One BIN Only ensures perfect color consistency
- SDCM 3
- Wide CCT range

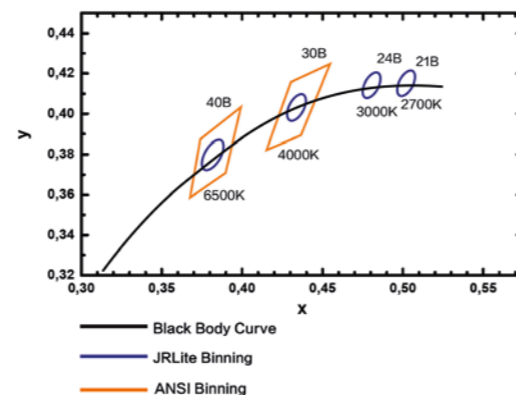
## DIMENSION



### Electrical data

Lumen efficiency	92lm/w(4000K)
Ra	Ra90; Ra80 optional
SMD Type	2835
LEDs/m	240LEDs/m
Max current/LED	23.3mA
Voltage	DC24V(± 0.5V)
Max Reel Length	5000mm
Width	10mm
Unit cut	25mm
Storage Temperature	-25°C / -13°F <sub>min</sub> , 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP65
Warranty	5 Years

### Binning



(Lm/m)

CCT	2700K	3000K	4000K	6500K	Max. Run Length
4.8W/M	432	450	480	500	5M
9.6W/M	920	930	960	990	5M
14.4W/M	1260	1280	1330	1368	5M
19.2W/M	1680	1720	1760	1780	5M
24W/M	2000	2080	2130	2160	5M

LIFESPAN > 54000H

RESISTANT TO SOLVENTS

TEMPORARY IMMERSION

WARRANTY 5 YEARS

INDOOR

**ONE BIN ONLY**  
Color consistency Today and tomorrow



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
NUNU HD	27=2700K	05000=5M/196.85"	048=4.8W
	30=3000K		096=9.6W
	40=4000K		144=14.4W
	65=6500K		192=19.2W
			240=24W

Example  
NUNU HD-27-05000-048:  
COVEFLEX NUNU HD, 2700K, 5M/reel, 4.8W/m.

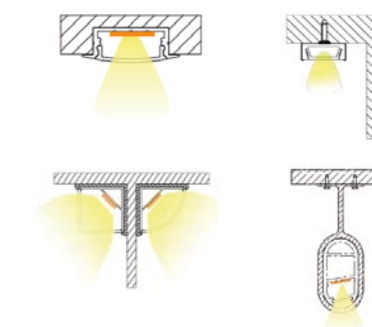
NUNU HD-65-01500-240:  
COVEFLEX NUNU HD, 6500K, 1.5M/reel, 24W/m.

## PROFILES

Popular					
Cabinet					
Round					
Low and flat					
High and flat					

- The profiles can be ordered separately or assembled with strip.
- The strip lumen output will reduce about 15% with clear cover.
- The strip lumen output will reduce about 25% with diffuse cover.
- Opal/ lens cover is optional, please check case by case.
- Standard available lengths are 1mtr. & 2mtr.
- Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification  
Non dimmable

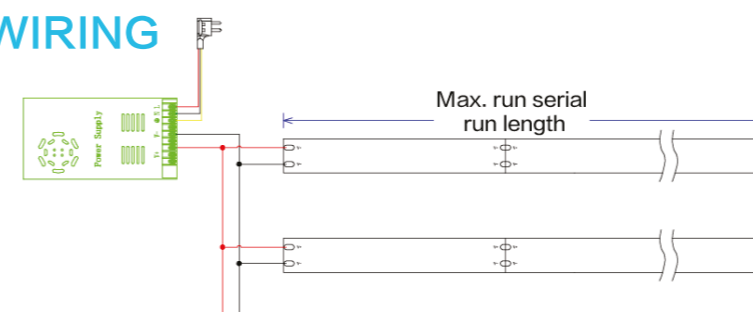


Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.



## STRIP TO STRIP CONNECTION



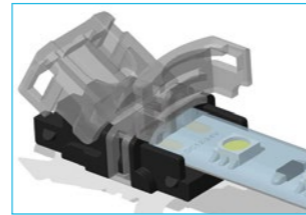
Connector IP65  
Strip to strip  
Order code: SS65102P-  
HD



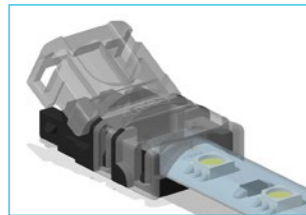
Cut the LED strip in  
cutting points



Peel off the 3M tape  
from the LED strip.



Put the LED strip directly  
into the connector.



Close the connector till  
the cover is locked in.



Successful connection.

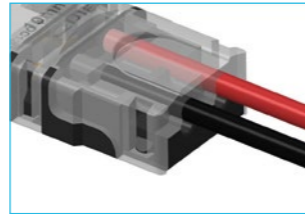
## STRIP TO CABLE CONNECTION



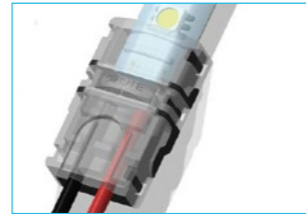
Connector IP65  
Strip to cable  
Order code: SC65102P-  
HD



Put the required cable  
into connector.



Close the connector till  
the cover is locked in.



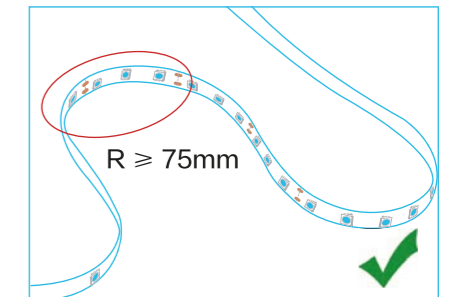
Successful connection.

Note: The positive and negative pole should be connected correspondingly.



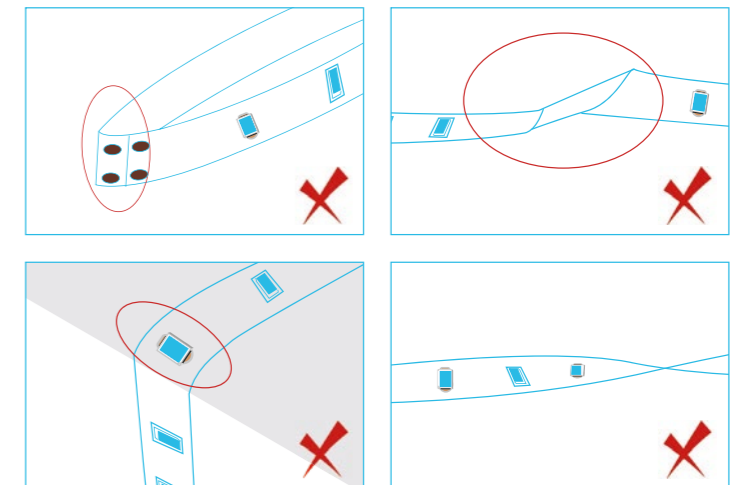
## APPLICATION

- ▶ Wide areas of applications are available, you can use them in wet or damp areas, general illumination, hospitality.
- ▶ It is also a good solution for display cabinet lighting, signage, architecture lighting, wall integration.



## ADDITIONAL INFO.

- ▶ The LED strip bending radius is 75mm. Please do not fold with sharp angle or twist the LED strip.
- ▶ It will be likely destroy the LED strip if exceed the maximum rated operating voltage.
- ▶ Please do not connect the LED strip beyond the maximum connecting length.
- ▶ LED strips are equipped with a self-adhesive tape for attaching the LED strip to suitable materials, such as aluminum profiles, which must be clean and free of oil or silicone coatings, as well as other dirt/dust particles. The adhesive tape is intended for single use and if removed may damage the material to which it is stuck and the LED module itself, which must then be scrapped.

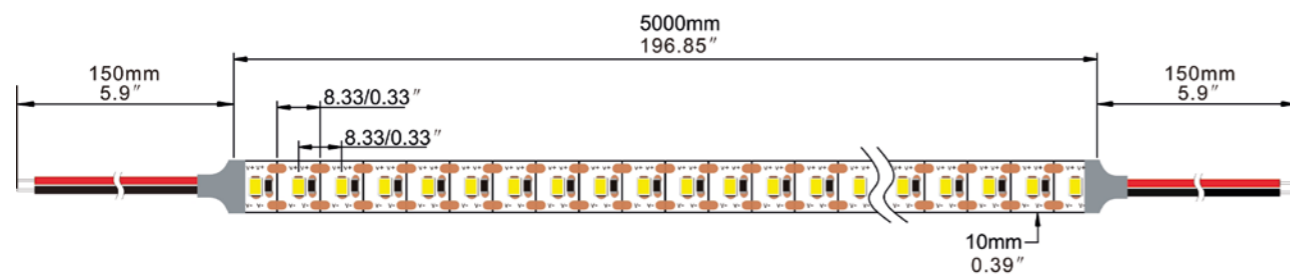


# COVEFLEX NORMA



- Each module can be cut to size as many times as desired, giving you great design freedom.
- Low power, flexible strip of dimmable LEDs gives you consistent light and reliable output.
- One BIN Only ensures perfect color consistency
- SDCM 3
- Wide CCT range

## DIMENSION



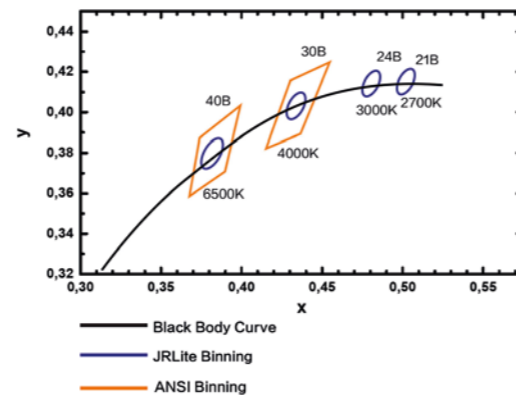
### Electrical data

Lumen efficiency	90lm/w(4000K)
Ra	Ra90; Ra80 optional
SMD Type	2835
LEDs/m	120LEDs/m
Max current/LED	6.6mA
Voltage	DC24V(5V, 12V Optional; ± 0.5V)
Max Reel Length	5000mm
Width	10mm
Unit cut	8.33mm
Storage Temperature	-25°C / -13°F <sub>min</sub> , 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP65
Warranty	5 Years

(Lm/m)

CCT	2700K	3000K	4000K	6500K	Max. Run Length
Power	1266	1298	1361	1377	5M

### Binning



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
NORMA	27=2700K	05000=5M/196.85'	120=12W
	30=3000K		140=14W
	40=4000K		190=19W
	65=6500K		

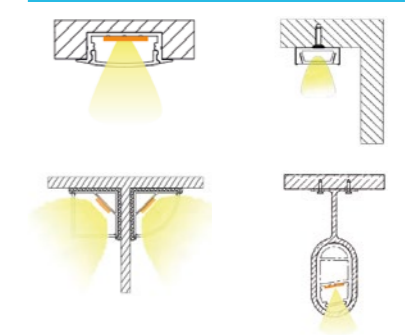
Example  
 NORMA-27-05000-120:  
 COVEFLEX NORMA, 2700K, 5M/reel, 12W/m.  
 NORMA-65-01500-190:  
 COVEFLEX NORMA, 6500K, 1.5M/reel, 19W/m.

## PROFILES

Profile Type	AP-1415	AP-2015	AP-1202	AP-1103	AP-1101
Popular					
Cabinet					
Round					
Low and flat					
High and flat					

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



Order code: LRS-150-24  
 85-132VAC/ 170-264VAC  
 by switch DC24V 150W  
 IP20, global certification



Order code: XLG-150-24-A  
 AC100-305V DC24V 150W  
 IP67, Global certification  
 Non dimmable

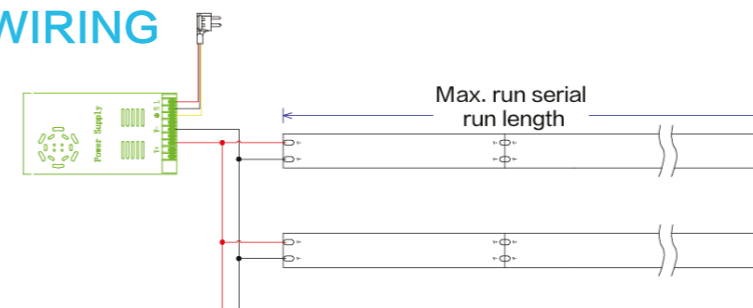


Order code: ELG-150-24B  
 AC100-305V DC24V 150W  
 IP67, Global certification  
 3in1 dimming function: 0-10Vdc,  
 10V PWM signal and resistance



Order code: ELG-150-24DA  
 AC100-305V DC24V 150W  
 IP67, Global certification  
 Dali control technology

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.



**ONE BIN ONLY**  
 Color consistency  
 Today and tomorrow

## STRIP TO STRIP CONNECTION



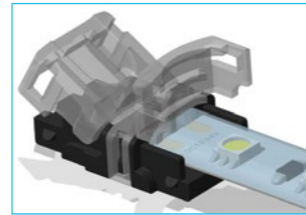
Connector IP65  
Strip to strip  
Order code: SS65102P



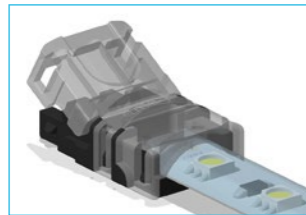
Cut the LED strip in cutting points



Peel off the 3M tape from the LED strip.



Put the LED strip directly into the connector.



Close the connector till the cover is locked in.



Successful connection.

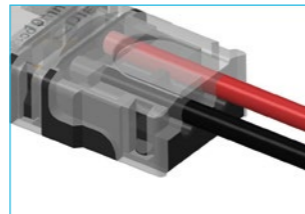
## STRIP TO CABLE CONNECTION



Connector IP65  
Strip to cable  
Order code: SC65102P



Put the required cable into connector.



Close the connector till the cover is locked in.



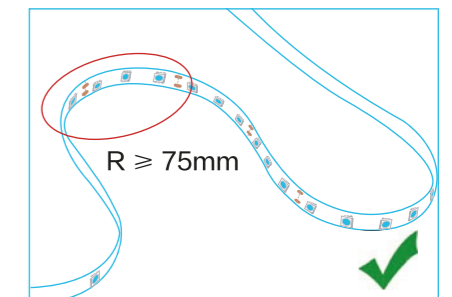
Successful connection.

Note: The positive and negative pole should be connected correspondingly.



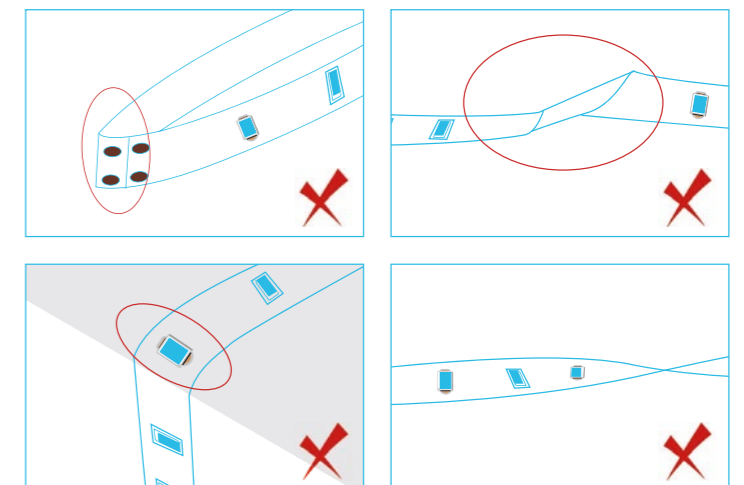
## APPLICATION

- ▶ Ideal application for architectural lighting, general illumination, signage logo, wall integration and display lighting, it is quick and easy to install by using the 3M tape or profiles.
- ▶ Perfect solution for multi-customization lengths as you can cut almost anywhere.



## ADDITIONAL INFO.

- ▶ The LED strip bending radius is 75mm. Please do not fold with sharp angle or twist the LED strip.
- ▶ It will be likely destroy the LED strip if exceed the maximum rated operating voltage.
- ▶ Please do not connect the LED strip beyond the maximum connecting length.
- ▶ LED strips are equipped with a self-adhesive tape for attaching the LED strip to suitable materials, such as aluminum profiles, which must be clean and free of oil or silicone coatings, as well as other dirt/dust particles. The adhesive tape is supposed to be disposable use, if remove it, the tape may damage the material which it is stuck and the LED module itself, which must then be broken.



Have you ever seen the led strip melting or sticky? Have you ever been troubled by the led strip breakage or limited by the high temperature? Let's look at the Coveflex IP65, unlike the traditional silicone and PVC material, this one is no color difference, no yellowish, no breakage and no smell.

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In addition, we use the one bin only which could achieve great color consistency for your current and future projects. Color consistency means we could always offer you the same CCT range from different reel to reel, order to order!

---



# Highly recognizable product—U Pro

It can be widely used in many various applications both outdoor and indoor

*IP68 Waterproof Grade*

Available with any PCB width of 8mm, 10mm, 12mm and 15mm in white, dual white, RGB, and RGBW colors.



Beautiful and elegant finish together with nice flat white cable.

## — IP68

Unique Polyurethane encapsulation

- UV resistant
- Yellow resistant
- Corrosion resistant
- No chemical reaction with detergent

## — Innovation

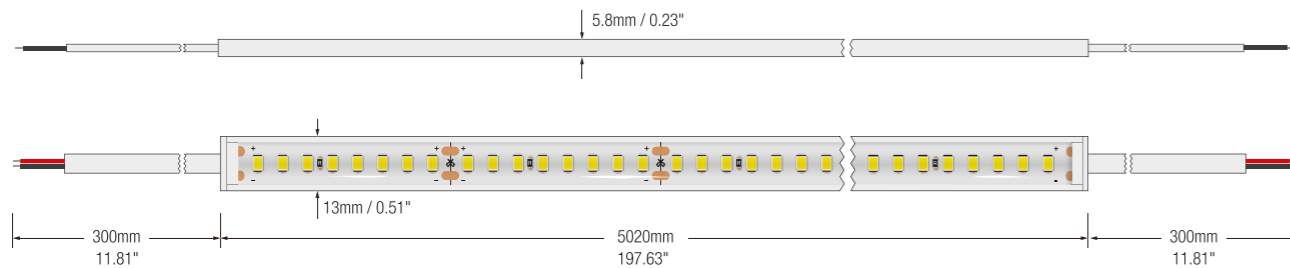


# COVEFLEX MERA



- High lumen efficiency with 130LM/W @Ra90 to realize energy saving.
- One BIN Only for perfect color consistency
- CRI80 and CRI90 optional
- Wide range of CCT choice
- High waterproof rate-IP68, available for outdoor and under-water applications

## DIMENSION



### Electrical data

Lumen efficiency	148lm/w(4000K)
Ra	Ra90
SMD Type	2835
LEDs/m	160LEDs/m
Max current/LED	43.7mA
Voltage	DC24V(23.5Vmin, 24.5Vmax)
Max Reel Length	5000mm
Unit cut	50mm
Storage Temperature	-25°C / -13°F <sub>min</sub> , 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP68
Warranty	5 Years

(Lm/m)

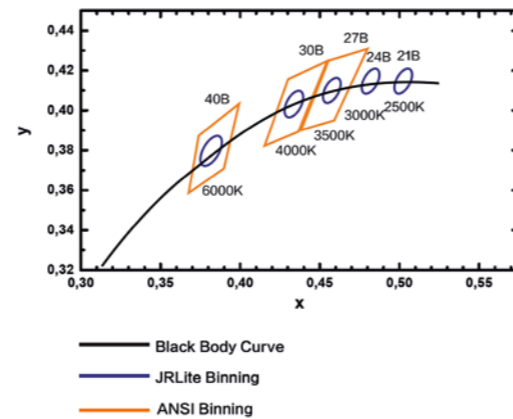
CCT	2700K	3000K	3500K	4000K	6500K	Ambient Tempt.	Max. Run Length
9.6W/M	1287	1134	1398	1412	1246	50°C	5M
14.4W/M	1899	1652	2147	2218	1760	45°C	5M

Note:

- When ambient temperature reaches 50°C, the power is suggested to be 9.6w/m.
- Please make the cable connection out of water in underwater installation.
- It is 3 years warranty for underwater application.
- Max production length is 5M for per roll.



### Binning



**LIFESPAN > 54000H**

**3 STEP**

3500K  
4000K  
6000K

**WARRANTY 5 YEARS**

**WATERPROOF IP68**

**ONE BIN ONLY**

Color consistency  
Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
MERA	27=2700K	5000=5M/196.85'	096=9.6W
	30=3000K		144=14.4W
	35=3500K		
	40=4000K		
	65=6500K		

Example  
MERA-27-5000-096:  
COVEFLEX MERA, 2700K, 5M/reel,  
9.6W/m.

MERA-60-1500-144:  
COVEFLEX MERA, 6500K, 1.5M/reel,  
14.4W/m.

## ACCESSORIES

Mounting set  
Order code  
MC13-0102  
MOQ: 100

Sealing endcap  
Order code  
CE13-01  
MOQ: 100

Sealing glue  
Order code  
CGS01  
MOQ: 100

M/F connector  
IP67  
Order code  
C7-300P2  
MOQ: 100

M/F connector  
IP65  
Order code  
C5-300P2  
MOQ: 100

Flat open wire  
Order code  
PCF-200MP2  
MOQ: 200mtr.

## DRIVER

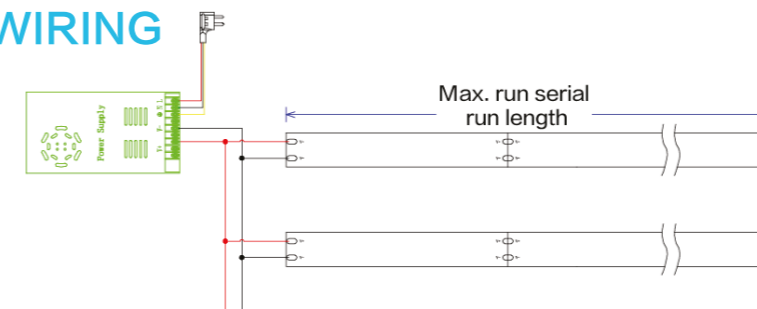
Order code: LRS-150-24  
85-132VAC / 170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.

Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable

Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.

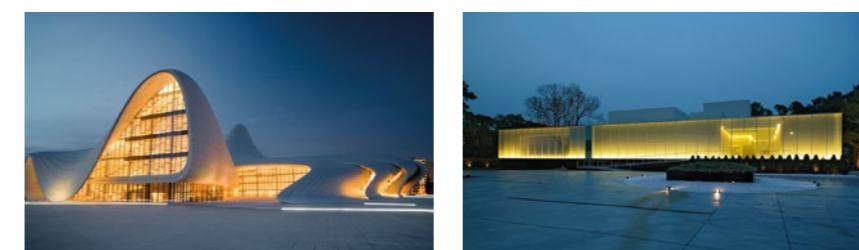
Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## WIRING



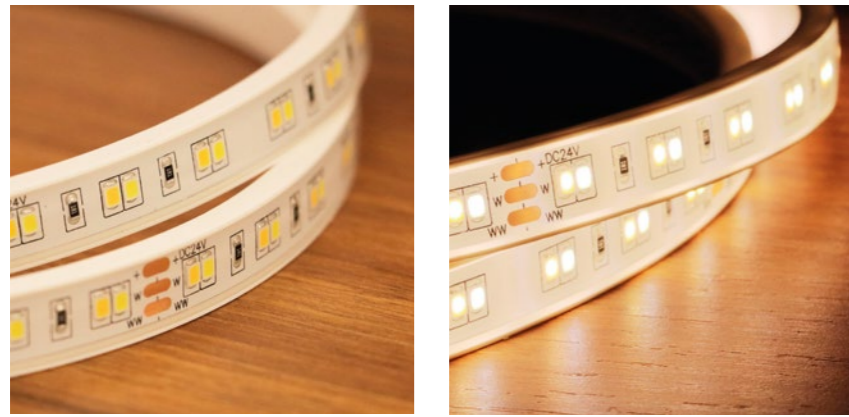
- Max. connection length depends on the wattage of the power supply and LED strip.
- Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.
- Please contact us if >150W power supply is needed.

## APPLICATION



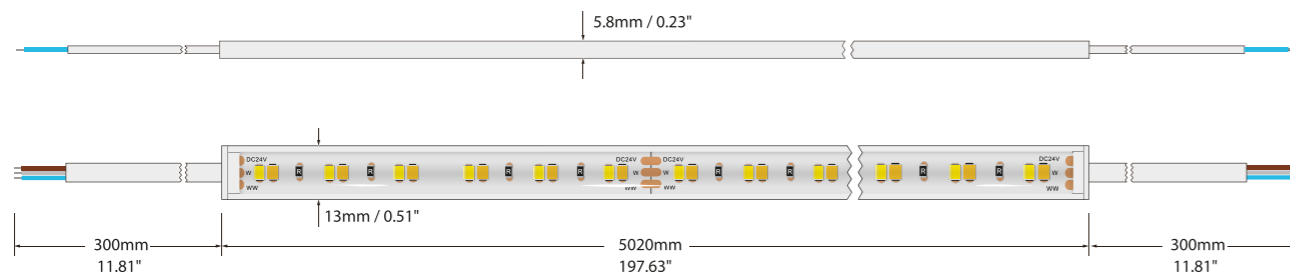
- It is ideal for any indoor or outdoor wet applications including underwater.
- Easy mounting on many smooth surfaces with self-adhesive tape at the back and clips.
- Also good idea to install it with Aluminum profile plus opal cover to reach dot free.

# COVEFLEX ALIO



- Two LED's with different CCT that together create a dynamic light spectrum
- Elegant appearance with IP68 waterproof level
- One BIN Only ensures perfect color consistency
- Wide CCT range Choice

## DIMENSION



### Electrical data

Lumen efficiency	80lm/w(3000K+6500K)
Ra	Ra90
SMD Type	2835
LEDs/m	120LEDs/m
Max current/LED	50mA
Voltage	DC24V(23.5Vmin, 24.5Vmax)
Max Reel Length	5000mm
Unit cut	100mm
Storage Temperature	-25°C / -13°F <sub>min</sub> , 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP68
Warranty	5 Years

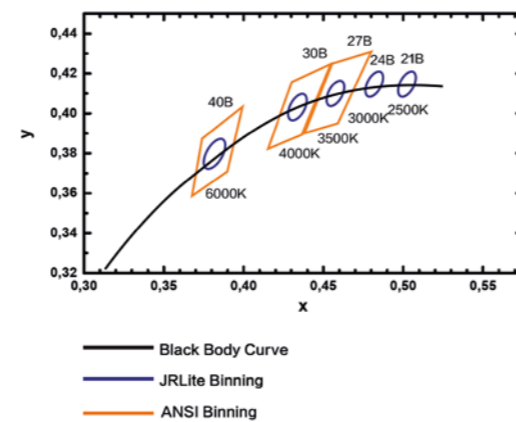
CCT	LM/Mtr	Max. Watt	Max. Run Length
3000K	940	12W/M	5M
6000K	1000	12W/M	5M
3000K+6000K	1920	24W/M	5M

### Note:

- When ambient temperature reaches 50°C, the power is suggested to be 6w/m.
- Please make the cable connection out of water in underwater installation.
- It is 3 years warranty for underwater application.
- Max production length is 5M for per roll.



### Binning



**LIFESPAN > 54000H**

**3 STEP**

3500K  
4000K  
6000K

**WARRANTY 5 YEARS**

**WATERPROOF IP68**

**ONE BIN ONLY**

Color consistency  
Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
ALIO	3060=3000K+6000K	5000=5M/196.85'	240=24W

Example  
ALIO-3060-5000-240:  
COVEFLEX ALIO,3000k+6000k, 5M/  
reel,24W/m.

## ACCESSORIES

Mounting set  
Order code  
MC13-0102  
MOQ: 100

Sealing endcap  
Order code  
CE13-01  
MOQ: 100

Sealing glue  
Order code  
CGS01  
MOQ: 100

M/F connector  
IP67  
Order code  
C7-300P3  
MOQ: 100

Flat open wire  
Order code  
PCF-200MP3  
MOQ: 200mtr.

## DRIVER

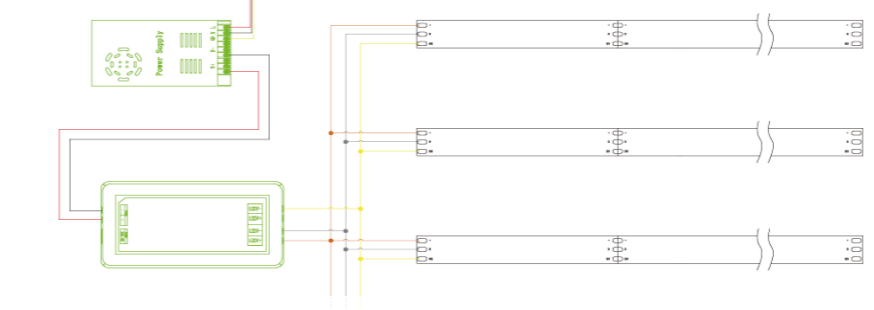
Order Code :M2+M3-3A  
Dual White Controller  
Constant voltage version  
72W/144W(12V/24V)

Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable

Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.

Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## WIRING

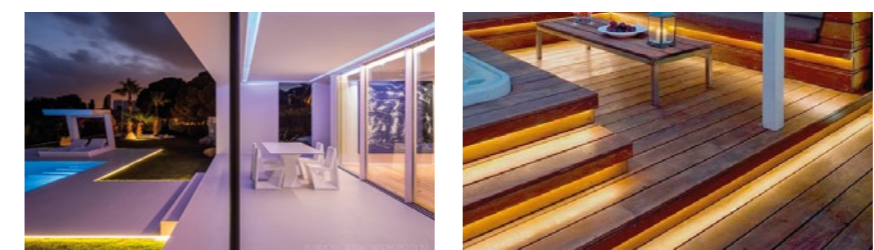


-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

## APPLICATION



-Ideal application for architectural lighting, general illumination, signage logo, wall integration and display lighting, it is quick and easy to install by using the 3M tape or profile.

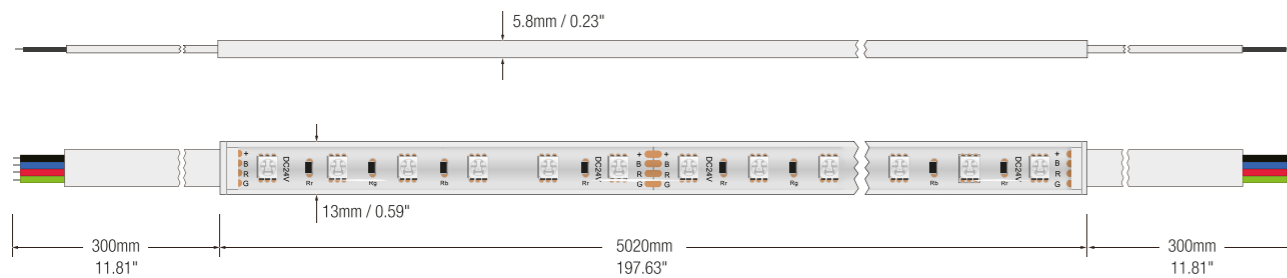
-Widely used in yachts, fountains, pools and underwater projects to achieve ideal effect.

# COVEFLEX MIZA



- Excellent-performance polyurethane with extremely long life span and flexibility
- Flexible and cuttable LED strip with inline multichip RGB LEDs
- The highest level of waterproofing makes it suitable for both indoor and outdoor projects
- One BIN Only ensures perfect color consistency

## DIMENSION



### Electrical data

Lumen efficiency	31lm/w
SMD Type	5050
LEDs/m	60LEDs/m
Max current/LED	60mA
Voltage	DC24V(23.5V <sub>min</sub> , 24.5V <sub>max</sub> )
Max Reel Length	5000mm
Unit cut	100mm
Storage Temperature	-25°C / -13°F <sub>min</sub> , 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP68
Warranty	5 Years

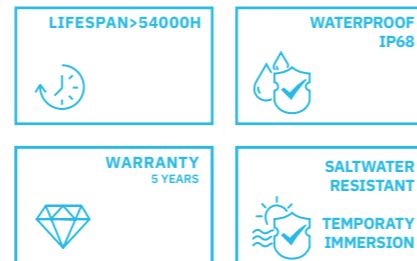
CCT	LM/Mtr	Max. Watt	Max. Run Length
R	135	4.8W/M	5M
G	243	4.8W/M	5M
B	72	4.8W/M	5M
RGB	450	14.4W/M	5M

### Note:

- When ambient temperature reaches 50°C, the power is suggested to be 9.6w/m.
- Please make the cable connection out of water in underwater installation.
- It is 3 years warranty for underwater application.
- Max production length is 5M for per roll.



- Uniform color changing
- Dynamic effects and elegant performance in public zones
- Simple installation for the perfect match components
- Ideal for color dynamic application with excellent color rendition and high power levels
- Suitable for bar, ceiling and wall lighting application



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
MIZA	RGB	5000=5M/196.85"	144=14.4W

Example  
MIZA-RGB-5000-144:  
COVEFLEX MIZA, RGB, 5M/reel,14.4W/m.

## ACCESSORIES



Mounting set  
Order code  
MC13-0102  
MOQ: 100



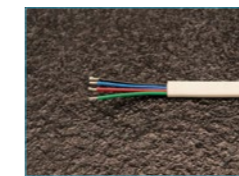
Sealing endcap  
Order code  
CE13-01  
MOQ: 100



Sealing glue  
Order code  
CGS01  
MOQ: 100



M/F connector  
IP67  
Order code  
C7-300P4  
MOQ: 100



Flat open wire  
Order code  
PCF-200MP4  
MOQ: 200mtr.

## DRIVER



Order Code M3+M3-3A  
RGB Controller  
Constant voltage version  
108W/216W(12V/24V)



Order code: XLG-150-24-A  
AC10-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable

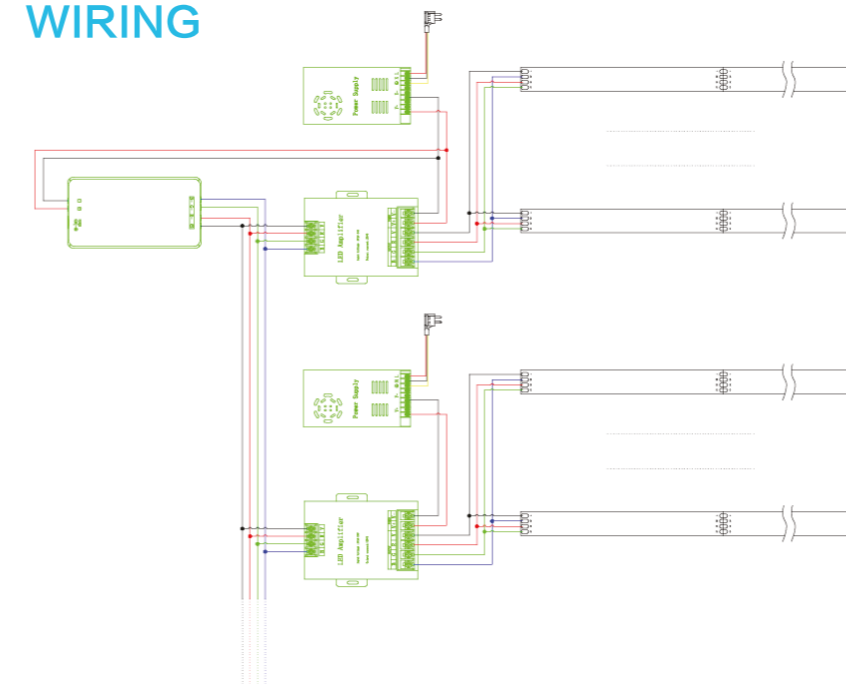


Order code: ELG-150-24B  
AC10-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC10-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

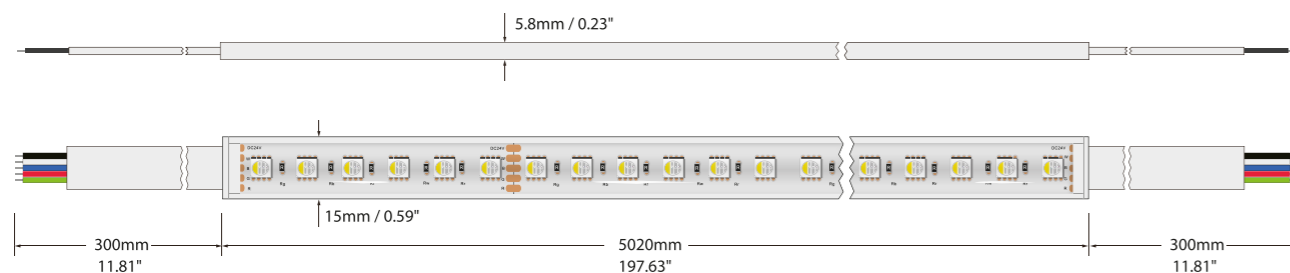


# COVEFLEX MARS



- SMD5050 RGBW(4in1), adopts single LED with 4 chips
- Changeable colors and speed freely with RGBW controller
- One BIN Only ensures perfect color consistency
- Quick installation with clips or 3M tape

## DIMENSION



### Electrical data

Lumen efficiency	63lm/w
SMD Type	5050
LEDs/m	96LEDs/m
Max current/LED	80mA
Voltage	DC24V(23.5Vmin, 24.5Vmax)
Max Reel Length	5000mm
Unit cut	62.5mm
Storage Temperature	-25°C / -13°F <sub>min</sub> , 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP68
Warranty	5 Years

CCT	LM/Mtr	Max. Watt	Max. Run Length
R	100	3.6W/M	5M
G	340	3.6W/M	5M
B	72	3.6W/M	5M
W32	360	3.6W/M	5M
W40	366	3.6W/M	5M
W60	368	3.6W/M	5M
RGBW	911	14.4W/M	5M

### Note:

- When ambient temperature reaches 50°C, the power is suggested to be 9.6w/m.
- Please make the cable connection out of water in underwater installation.
- It is 3 years warranty for underwater application.
- Max production length is 5M for per roll.



- Uniform color changing
- Dynamic effects and elegant performance in public zones
- Wonderful color to make different atmosphere as you desired
- Perfect for applications requiring outstanding color rendition and large CCT tuning range
- Ideal for architecture, Yatch, underwater, lighting application

LIFESPAN > 54000H

WATERPROOF IP68

WARRANTY 5 YEARS

SALTWATER RESISTANT

TEMPORARY IMMERSION

**ONE BIN ONLY**  
Color consistency Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
MARS	RGBW32=RGB+3200K	5000=5M/196.85"	144=14.4W
	RGBW40=RGB+4000K		
	RGBW60=RGB+6000K		

Example  
MARS-**RGBW32-5000-144**:  
COVEFLEX MARS,RGB+3200K, 5M/  
reel,14.4W/m.

MARS-**RGBW60-1500-144**:  
COVEFLEX MARS,RGB+6000k,1.5M/  
reel,14.4W/m.

## ACCESSORIES

Mounting set  
Order code  
MC15-0102  
MOQ: 100

Sealing endcap  
Order code  
CE15-01  
MOQ: 100

Sealing glue  
Order code  
CGS01  
MOQ: 100

Flat open wire  
Order code  
PCF-200MP5  
MOQ: 200mtr.

## DRIVER



Order Code:M4+M4-3A  
RGBW Controller  
Constant voltage version  
144W/288W(12V/24V)



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable

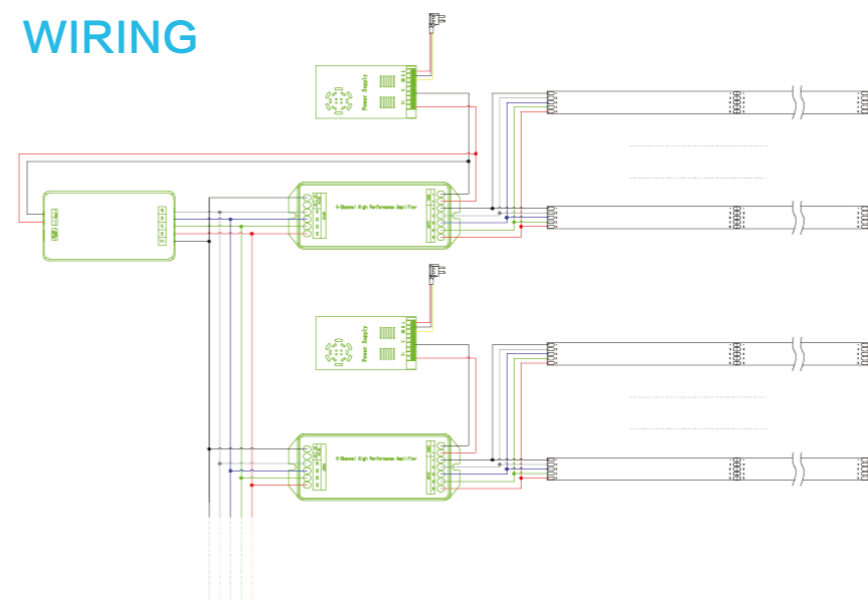


Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## WIRING

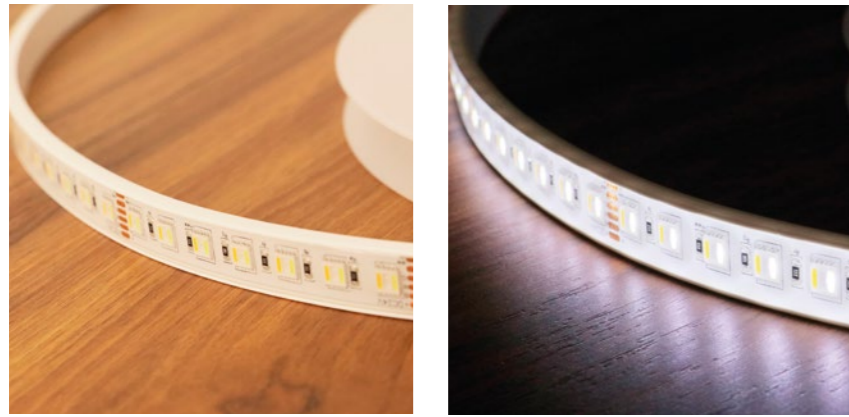


-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

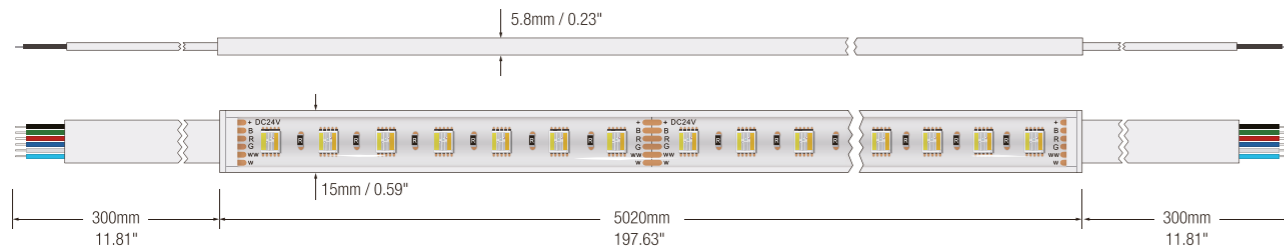
-Please contact us if >150W power supply is needed.

# COVEFLEX LYRA



- SMD5050 RGBWW(5in1) makes more flexible for different applications
- The best solution for ambient lighting
- One BIN Only ensures perfect color consistency
- Quick installation with clips or 3M tape

## DIMENSION



### Electrical data

Lumen efficiency	58lm/w
SMD Type	5050
LEDs/m	84LEDs/m
Max current/LED	80mA
Voltage	DC24V(23.5Vmin, 24.5Vmax)
Max Reel Length	5000mm
Unit cut	83.3mm
Storage Temperature	-25°C / -13°F <sub>min</sub> , 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP68
Warranty	5 Years

- Uniform color changing
- Dynamic effects and elegant performance in public zones
- Less brightness decay and higher energy efficiency
- Fantastic decorative color dynamic applications
- More Flexible application in different projects as you need

CCT	LM/Mtr	Max. Watt	Max. Run Length
R	106	4W/M	5M
G	270	4W/M	5M
B	76	4W/M	5M
WW30	308	4W/M	5M
W65	349	4W/M	5M
RGBWW	1109	20W/M	5M

### Note:

- When ambient temperature reaches 50°C, the power is suggested to be 9.6w/m.
- Please make the cable connection out of water in underwater installation.
- It is 3 years warranty for underwater application.
- Max production length is 5M for per roll.



LIFESPAN > 54000H

WATERPROOF IP68

WARRANTY 5 YEARS

SALTWATER RESISTANT

TEMPORARY IMMERSION

**ONE BIN ONLY**  
Color consistency  
Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
LYRA	RGBWW=RGB+3000K+6500K	5000=5M/196.85'	200=20W

Example  
LYRA-RGBWW3065-5000-200:  
COVEFLEX LYRA, RGB3000K+6500K,  
5M/reel,20W/m.

## ACCESSORIES

Mounting set  
Order code  
MC15-0102  
MOQ: 100

Sealing endcap  
Order code  
CE15-01  
MOQ: 100

Sealing glue  
Order code  
CGS01  
MOQ: 100

## DRIVER



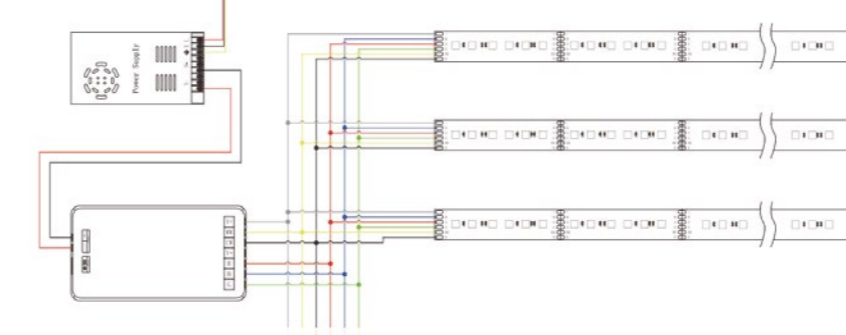
Order Code:F5-DMX-4A  
RGBWW Controller  
Constant voltage verison  
144W/288W(12V/24V)

Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable

Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.

Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## WIRING

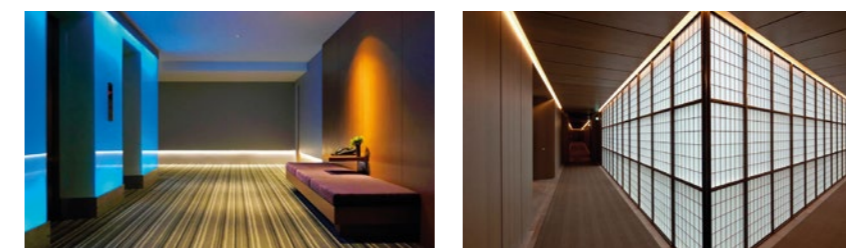


-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

## APPLICATION



-Completely coated by polyurethane material and UV resistant, it has wide range of applications.

-Can be used in outside projects, such as facade of building, yacht, bridge and so on.

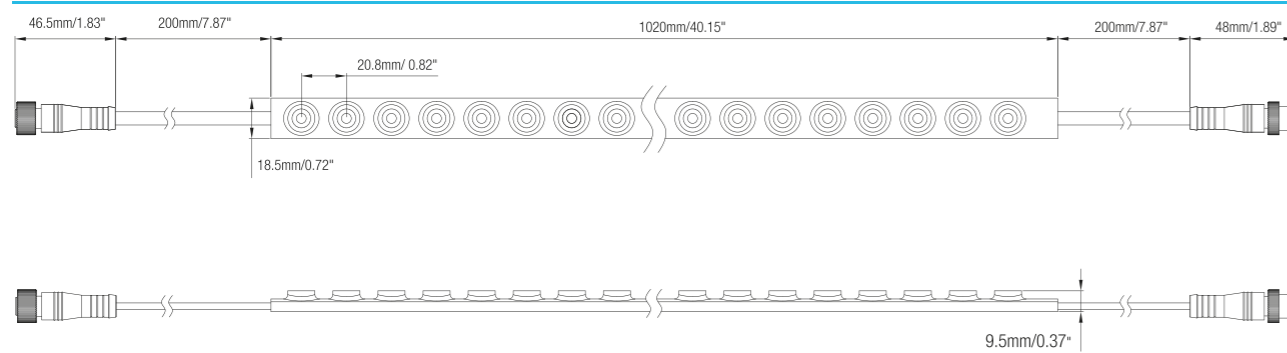
-Satisfy all your imagination of light.

# COVEFLEX WHALE



- Discreet design (small in size and light in weight)
- Various beam angles (30°, 45°, 60°, 20\*45°)
- Flexible system
- PU material resistant to UV, chemical materials, high temperature etc
- SDCM 3 Lumileds Led and One Bin Only to ensure color consistency
- IP67 for outdoor and indoor use

## DIMENSION



### Electrical data

Lumen efficiency	103lm/w(4000K, 30°)
Ra	Ra90
SMD Type	2835
LEDs/m	48LEDs/m
Power/m	18w/m
Voltage	DC24V(23.5Vmin, 24.5Vmax)
Max Reel Length	5000mm
Unit cut	125mm
Storage Temperature	-25°C / -13°F <sub>min</sub> , 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP67
Warranty	5 Years

### (Lm/m)

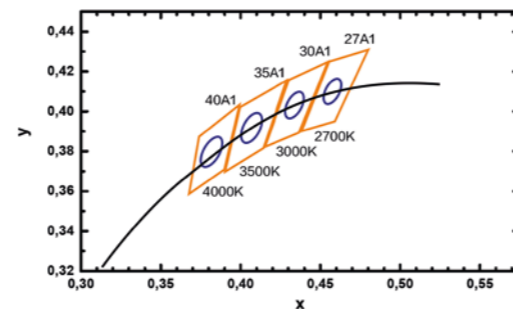
CCT	2700K	3000K	3500K	4000K	Max. Run Length
30°	1544	1671	1711	1854	6M
45°	1554	1764	1525	1876	6M
60°	1580	1644	1862	1903	6M
20*45°	1484	1597	1693	1583	6M

### Note:

-Max production length is 5M for per roll.



### Binning



- Black Body Curve
- JRLite Binning
- ANSI Binning



Optics 30°      Optics 45°



Optics 60°      Optics 20\*45°



## ORDER CODE

SERIES NAME	COLOR	LENGTH	OPTICS
WHALE	27=2700K	5000=5M/196.85'	30°
	30=3000K		45°
	35=3500K		60°
	40=4000K		20*45°

Example  
Whale-27-5000-30°  
COVEFLEX WHALE, 2700K, 5M/reel, 30°  
  
Whale-40-1500-20\*45°  
COVEFLEX WHALE, 4000K, 1.5M/reel, 20\*45°

## ACCESSORIES

	Mounting set Order code AC112		Male and Female Connector Order code AC110-2		T Type Connector Order code AC111-2
	Aluminium Profile Order code AC132		Angle Mounting Clips Order code AC027-SET ( Used With Profile)		Mounting Clips Order code AC026-SET

## DRIVER



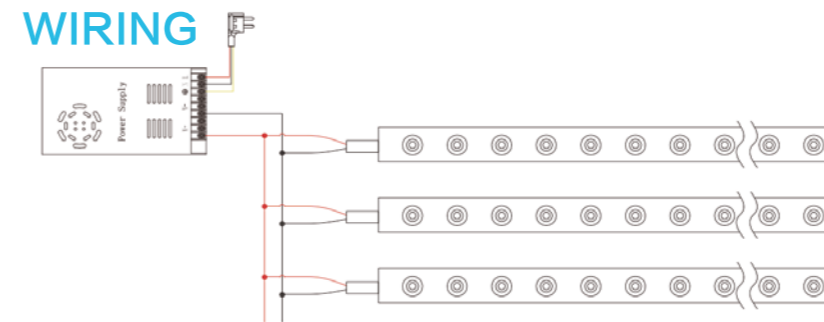
Order code:LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.

Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable

Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.

Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

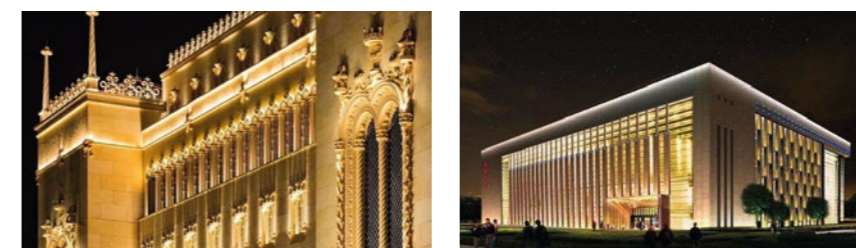
## WIRING



-Max. length per circuit is 6m, if it exceeds 6m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

## APPLICATION

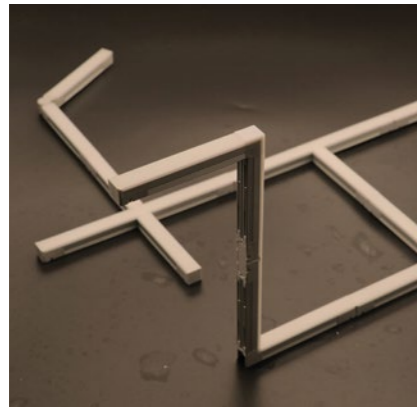


-It is perfect for illuminating a special architecture surface, to make it radiate with light both indoors and outdoors.

-Versatility of optics, flexible system and simple installation meet your needs of multiple lighting effect.

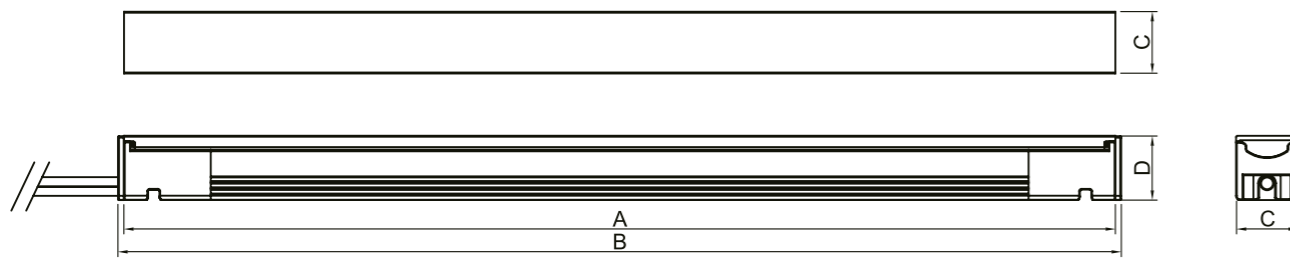
-We can catch wall washers in many places, like landscape, commercial building, overhead viaduct etc.

# LEDLINE LIGO



- Slim in size 12.5x13mm(WxH) / 0.49"x0.51"(WxH)
- Quick DIY connection & soldering free & without light interruption in desired shapes
- Simply stick with magnetic or click with bracket
- Easy to create your desired lengths and shapes thanks to our smart accessories
- Max 8M single feed without brightness attenuation

## DIMENSION



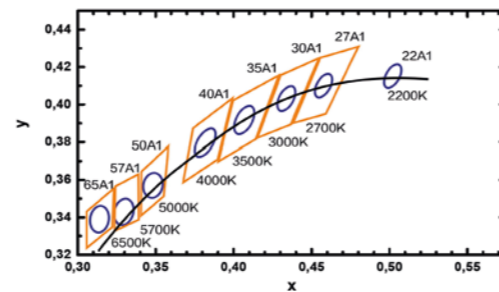
[Length]	[Dimension]	A	B	C	D
LIGO-100	L100xW12.5xH13(mm) [L3.94"xW0.49"xH0.51"]	100±1(mm) [3.94"±0.04"]	105±1(mm) [4.13"±0.04"]	12.5mm [0.49"]	13mm [0.51"]
LIGO-200	L200xW12.5xH13(mm) [L7.87"xW0.49"xH0.51"]	200±1(mm) [7.87"±0.04"]	205±1(mm) [8.07"±0.04"]		
LIGO-500	L500xW12.5xH13(mm) [L19.68"xW0.49"xH0.51"]	500±2(mm) [19.68"±0.08"]	505±2(mm) [19.88"±0.08"]		

### Electrical data

Lumen efficiency	80lm/w(4000K)
Ra	Ra>90
SMD Type	Lumileds 2835
Voltage	DC24V(23.5Vmin, 24.5Vmax)
Beam Angle	120°
Storage Temperature	-25°C / -13°C Fmin, 45°C / 113°Fmax
LED PIN Temperature	Max.65°C / 149° F
Life Span	>50000H
IP rate	IP20
Warranty	5 Years

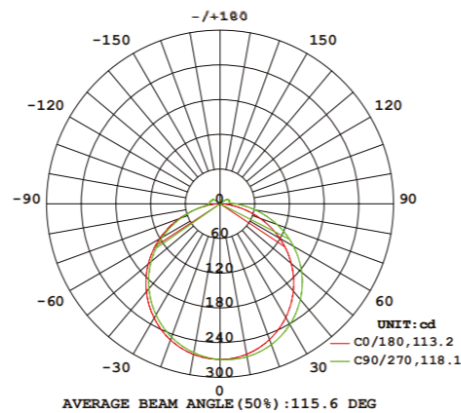
(Lm/unit)

(mm) Length	CCT	2700K	3000K	3500K	4000K	6500K	Wattage	Max. Run Length
LIGO-100		100	100	100	100	100	1.2W	8M
LIGO-200		190	190	190	190	190	2.5W	8M
LIGO-500		480	480	480	480	480	6W	8M
AC112-L100		160	160	160	160	160	2.4W	/
AC113-N100		150	150	150	150	150	2.4W	/
AC114-W100		160	160	160	160	160	2.4W	/
AC115-X180		320	320	320	320	320	4.8W	/
AC116-T180		250	250	250	250	250	3.6W	/
AC117-R215		180	180	180	180	180	3.6W	/



Black Body Curve  
JRLite Binning  
ANSI Binning

**ONE BIN ONLY**  
Color consistency Today and tomorrow



- Max. run length refers to single side feed in serial connection.
- Due to the tolerances of the production and electrical components, output values and electrical power can vary up to 10%.



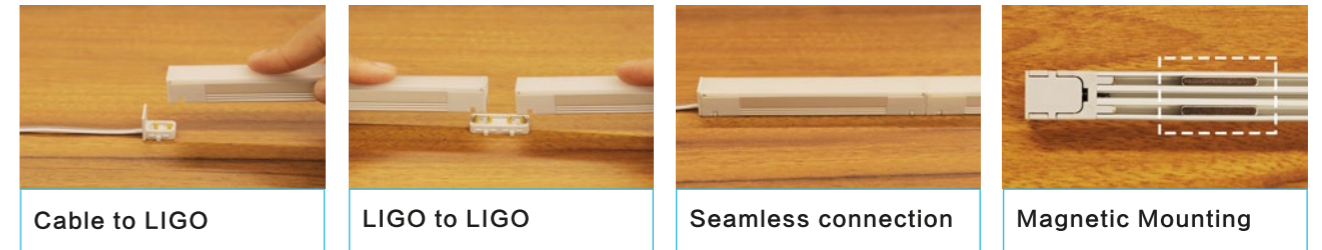
## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
LIGO	27=2700K	100=0.1M/3.94"	012=1.2W
	30=3000K	200=0.2M/7.87"	025=2.5W
	35=3500K	500=0.5M/19.68"	060=6W
	40=4000K		
	65=6500K		

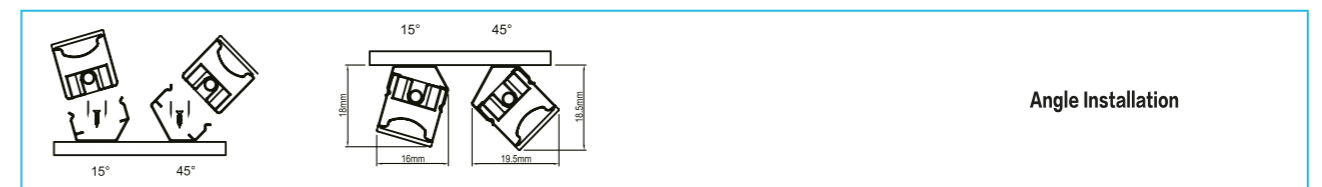
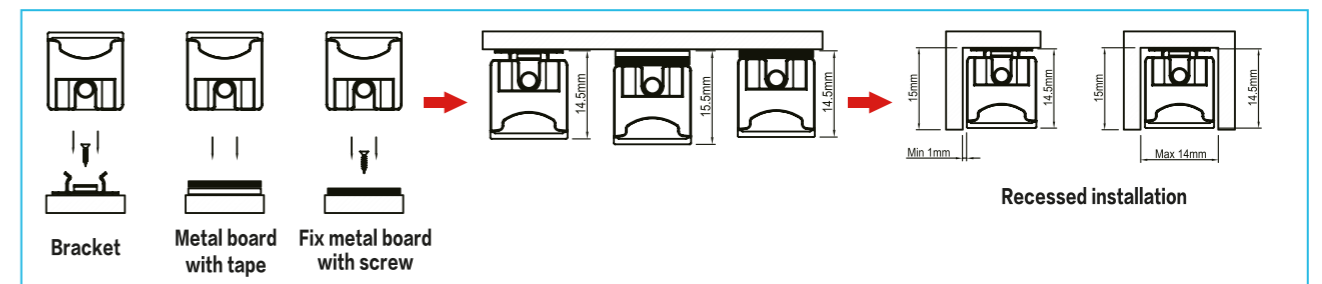
Example:  
LIGO-27-100-012:  
LEDLINE LIGO, 2700K, 0.1M/unit,  
1.2W/unit.

LIGO-30-200-025:  
LEDLINE LIGO, 3000K, 0.2M/unit,  
2.5W/unit.

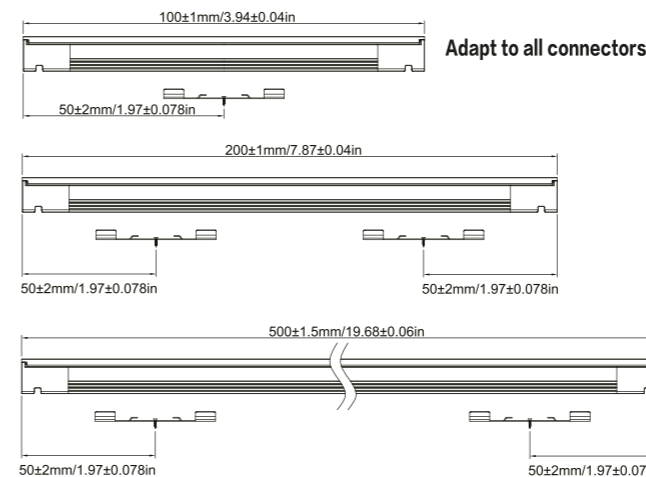
## EASY-FEATURES



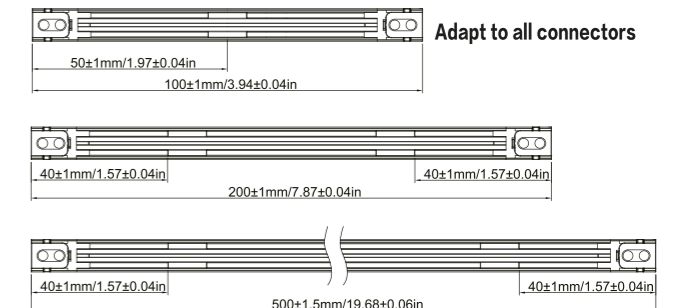
## STICK METAL BOARD WITH TAPE



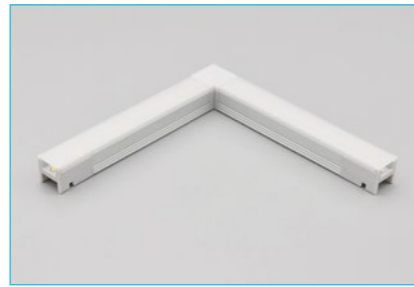
### Magnet fixed location



### Bracket fix location

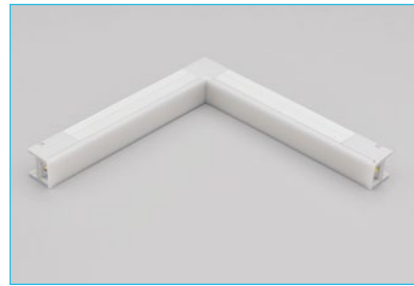
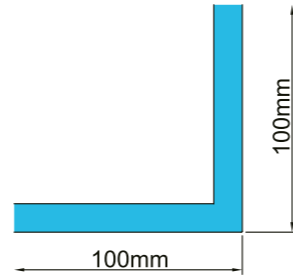


## SMART CONNECTOR DESCRIPTIONS



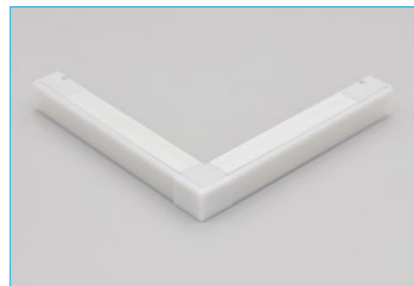
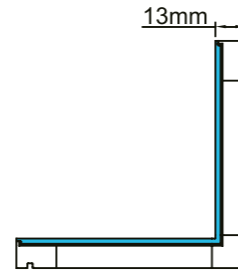
L shape flat connector  
Order Code: AC112-L100

Seamless connection thanks to various smart connector. Simple DIY connection makes installation interesting.



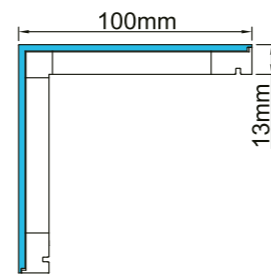
L shape light in connector  
Order Code: AC113-N100

Seamless connection thanks to various smart connector. Simple DIY connection makes installation interesting.



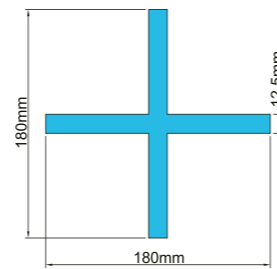
L shape light out connector  
Order Code: AC114-W100

Seamless connection thanks to various smart connector. Simple DIY connection makes installation interesting.



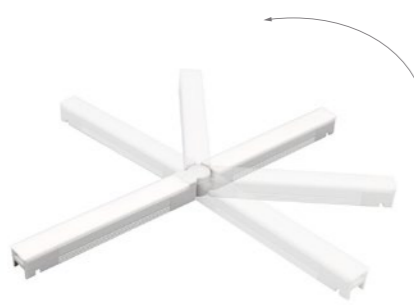
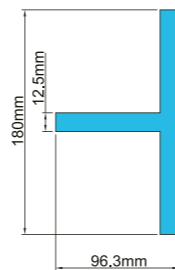
Cross connector  
Order Code: AC115-X180

Seamless connection thanks to various smart connector. Simple DIY connection makes installation interesting.



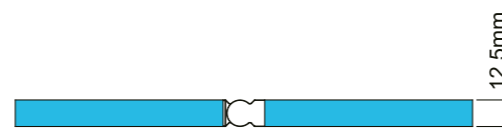
T shape connector  
Order Code: AC116-T180

Seamless connection thanks to various smart connector. Simple DIY connection makes installation interesting.



Rotation corner  
Order Code: AC117-R215

Seamless connection thanks to various smart connector. Simple DIY connection makes installation interesting.



## ACCESSORIES



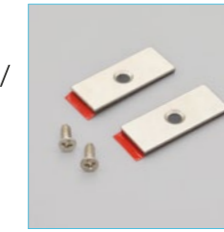
L shape flat connector  
Order Code: AC112-L100  
Dimension: 100×100×13mm/  
3.94"×3.94"×0.51"(L×W×H)  
Material: aluminium



Angle bracket  
Order Code: AC120



L shape light in connector  
Order Code: AC113-N100  
Dimension: 100×100×12.5mm/  
3.94"×3.94"×0.49"(L×W×H)  
Material: aluminium



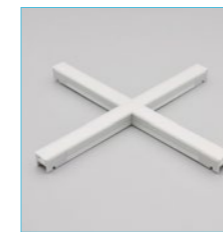
Magnet board  
Order Code: AC121



L shape light out connector  
Order Code: AC114-W100  
Dimension: 100×100×12.5mm/  
3.94"×3.94"×0.49"(L×W×H)  
Material: aluminium



Joint connector-LIGO to LIGO  
Order Code: AC122



Cross connector  
Order Code: AC115-X180  
Dimension: 180×180×13mm/  
7.08"×7.08"×0.51"(L×W×H)  
Material: aluminium



Extension cable-L145mm  
LIGO to LIGO  
Order Code: AC123



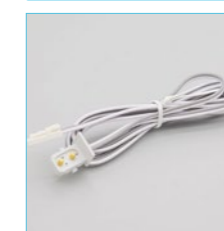
T shape connector  
Order Code: AC116-T180  
Dimension: 180×96.3×13mm/  
7.08"×3.79"×0.51"(L×W×H)  
Material: aluminium



Distribution cable-L150mm  
Distribution box to cable  
Order Code: AC124



Rotation corner  
Order Code: AC117-R215  
Dimension: 215×12.5×13mm/  
8.46"×0.49"×0.51"(L×W×H)  
Material: aluminium



Distribution cable-L1500mm  
Distribution box to cable  
Order Code: AC125



Close end cap  
Order Code: AC118



Open wire-L150mm  
Order Code: AC126



Fixed bracket  
Order Code: AC119



Power cable with DC connector-L150mm  
Order Code: AC127

## ACCESSORIES



Power cable with DC connector  
L1500mm  
Order Code: AC128



Constant Voltage LED Driver  
Non-Dimmable  
AC220-240V DC24V 150W  
Order Code: Q8H-24V-150W



Distribution box connector  
(with 6 channels)  
Order Code: AC129



Constant Voltage LED Driver  
Dimmable  
AC220-240V DC24V 150W  
Order Code: Q8H-24V-150W



Distribution box open wire  
(with 6 channels)  
Order Code: AC130



Dimmable LED Controller  
10-24VDC  
Order Code: C5AD-DALI CV



Constant Voltage LED Driver  
Non-Dimmable  
AC220-240V DC24V 30W  
Order Code: UT24V-30W



Order Code: LRS-150-24  
85-132VAC/170-264VAC by  
switch DC24V 150W IP20  
Global certification

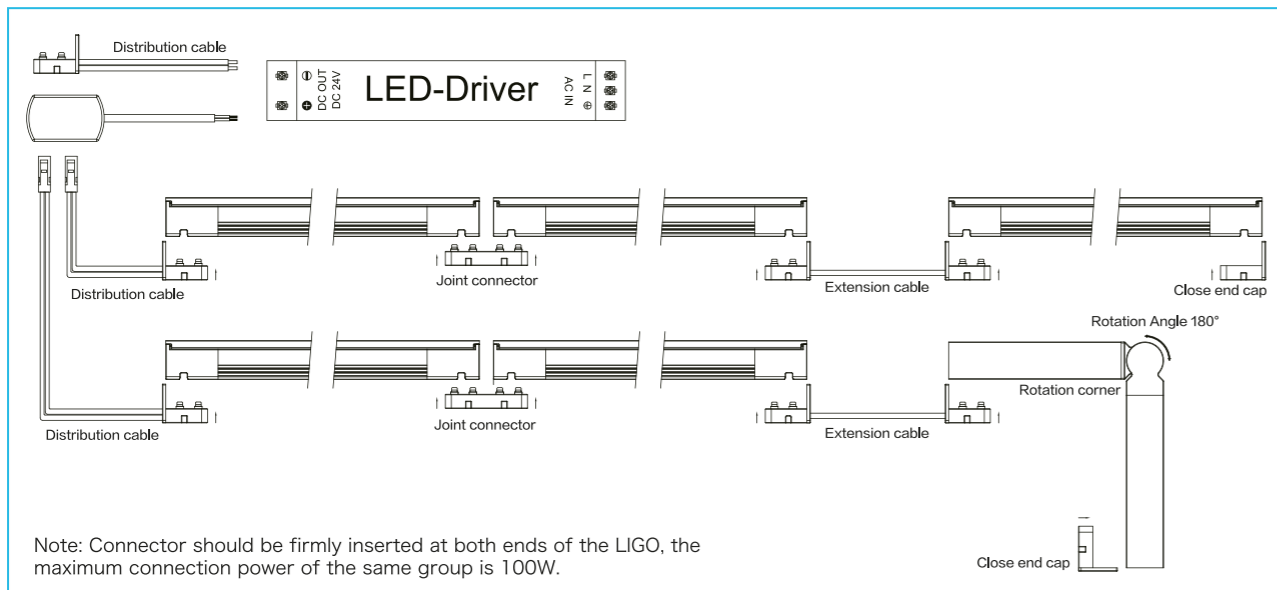


Constant Voltage LED Driver  
Non-Dimmable  
AC220-240V DC24V 75W  
Order Code: Q8H-24V-75W

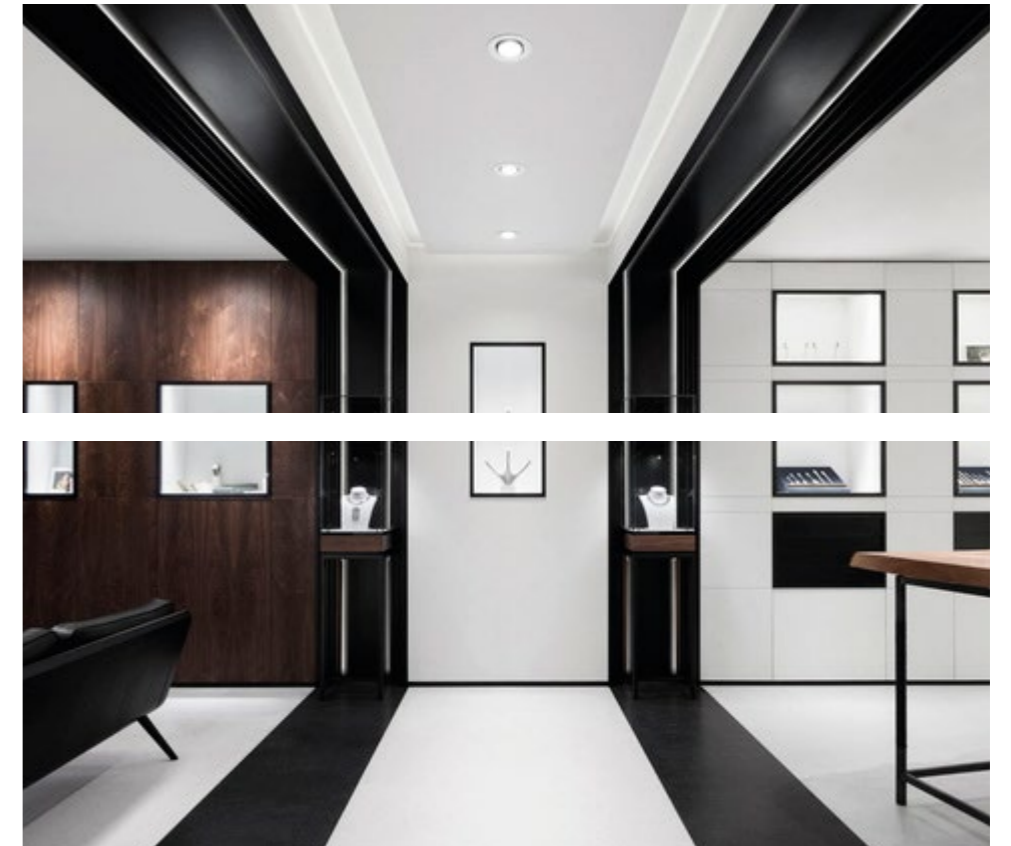


Order Code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67 Global certification

## WIRING DIAGRAM



# Inspiration



## APPLICATION

- Quite suitable for retail shops, KBB, gallery, show-booth and exhibition room no limits to your imagination in shape.
- Perfect good performance in jewelry cabinet, commodity display cabinet and interior furniture.
- Desired light effect in bar counter, restaurant, hotel and task lighting applications.



Linear Lighting solution

## AFFARI

# Always at your back

What you desire is what we have. We could offer you best customer service (quick but professional response), flexible customization (almost no MOQ), high-quality product (with high end lumileds led chips, one BIN only etc.).....

Certificates: Approved by TUV regarding CE, RoHS, REACH, UV, flame test, glow wire test 650°C and IP68 report. Besides, UL and CUL are available.

With full polyurethane in high-quality coating, LEDLINE FLEX IP68 family is totally beyond your imagination.

No disgusting smell, dust free and easy clean on surface could satisfy your pursuit of both beauty and function.

UV, saltwater, solvents and chemical material resistant would offer versatile installations.

LEDLINE FLEX IP68 family made of polyurethane could work in an extremely harsh working environment (-25°C to 50°C)

This year, the team has made great efforts to provide our clients more functional, innovative and unique items.

The seamless end cap design can perfectly fit in aluminium profile, suitable for your various application environment.

The standard length of LEDLINE FLEX TOP IP68, LEDLINE FLEX SIDE IP68, LEDLINE FLEX MINI IP68 and LEDLINE FLEX SINI IP68 is 5 meters per reel. With single side feed in, the maximum connection length could be up to 15 meters with 10w/m.

## IP68 Protection

Reliable performance even if submerged. Suitable for outdoor or underwater project.



Facade lighting: LEDLINE FLEX TOP and SIDE are perfect partners for facade lighting.

Architecture is a splendor landscape even in darkness thanks to perfect combination of straight and curved light from LEDLINE FLEX TOP and SIDE



Contour Lighting: architecture can not only be illuminated for basic needs with some traditional light but also can be displayed in an attractive way with different lighting solution.



Underwater Lighting: Real IP68 products are safe and durable for your underwater or seashore lighting projects. Our LEDLINE FLEX IP68 families is full Polyurethane encapsulation, with no space inside which makes sure the real IP68 rating.

LINEAR

IP68

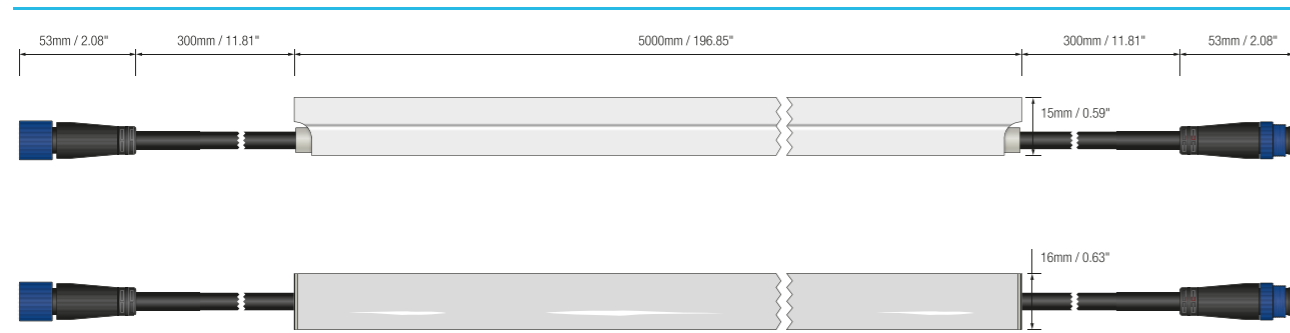
NO YELLOW WISH

# LEDLINE FLEX TOP WHT



-LEDLINE FLEX TOP WHT, DC24V. Cross section size 16mm x 15mm / 0.63" x 0.59" (W x H), which is vertical bending with radius of 150mm / 5.9".  
 -Thanks to full Polyurethane coating, it is IP68 protected, UV resistant, solvents resistant and saltwater temporary immersion.  
 -2-Step MacAdam bin and dot free lighting effect guarantee the most excellent performance for indoor & outdoor applications.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>a min</sub> =-25°C /-13°F, T <sub>a max</sub> (Table below)
CRI	Ra93

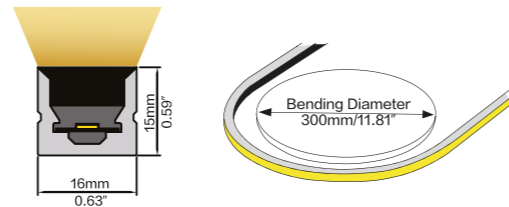
Ledline Flex Top	Low output	STD output	High output
Power(W/m W/ft)	5/1.5	10/3.1	15/4.6
Efficacy(lm/W) @4000K	66	75	64
Max. Ambient tempt.(T <sub>a max</sub> )	50°C /122°F	45°C /113°F	35°C /95°F

(Lm/m)

CCT	2700K	3000K	3500K	4000K	6500K	Max. Run Length	Unit Cut
5W/M	280	280	315	330	295	26M	41.67mm
*10W/M	651	636	711	747	698	18M	41.67mm
15W/M	818	818	931	956	866	14M	41.67mm

Note:

- When ambient temperature reaches 50°C, the power is suggested to be 5W/M.
- The product delivery length is 5M/reel maximum. Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the strip (after coating) color temperature.



2 STEP

UV PROTECTED

WATERPROOF IP68

L70B10 > 54000H

LUMILEDS

SALTWATER RESISTANT

TEMPORARY IMMERSION

RESISTANT TO SOLVENTS

TEMPORARY IMMERSION

**ONE BIN ONLY**

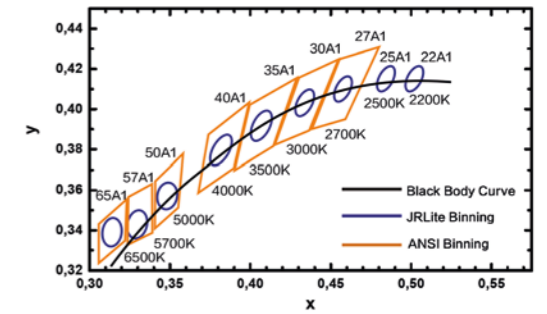
Color consistency Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
LFT WHT	27=2700K	5000=5M/196.85"	005=5W	F=FRONT
	30=3000K		010=10W	S=SIDE
	35=3500K		015=15W	B=BOTTOM
	40=4000K			
	65=6500K			

Example:  
 LFT WHT-30-1500-015-S:  
 LEDLINE FLEX TOP WHT, 3000K,  
 1.5M/reel, 15W/M, Side cable entry.

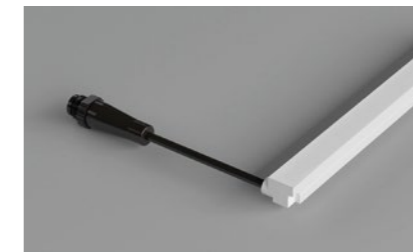
- 1.The product can be cut ONCE only and finish with end cap & glue, then IP rating drops to IP67.
- 2.Please make the cable connection out of water for underwater installation. It is 3 years warranty for underwater applications.
- 3.Standard cable length is 30cm, if you need cable longer than 30cm, please use our extension connector with 1m or 5m cable.
- 4.It is IK08 rated.



## VARIOUS CONNECTIONS



**Front Cable Entry**  
 The cable could be hidden in all directions by the flexible design.

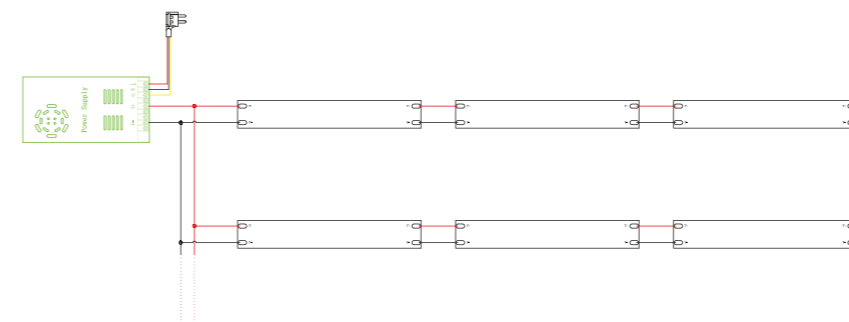


**Side Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.



**Bottom Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

5W/M - 26M Max. Single Run Length;  
 10W/M - 18M Max. Single Run Length;  
 15W/M - 14M Max. Single Run Length;  
 The Strip is 5m/reel at most.

-Please contact us if >150W power supply is needed.

-Please contact us if you need dimmable function.



## ACCESSORIES



Aluminium Profile  
Order Code: AC011-AP  
Dimension: 1000x18.6x17.8mm/39.37"x0.73"x0.70"(LxWxH)  
Material: aluminium  
Color: silver



IP68 Connector - WHT  
Order Code: AD001-2  
Wire gauge: 1.0mm<sup>2</sup>/18AWG  
Protection: IP68(Mated)  
Mechanical operation: > 500 mating cycles  
Contact: brass, gold plating  
Material of housing: PA



PC Profile  
Order Code: AC011-PC  
Dimension: 1000x19.5x19.8mm/39.37"x0.77"x0.78"(LxWxH)  
Material: polycarbonate  
Color: transparent



IP68 Extension Connector - WHT  
Order Code: AD005-2-1M  
Description: IP68 Male and Female connector with 1M cable  
Wire gauge: 1mm<sup>2</sup>/18AWG  
Material of housing: PA



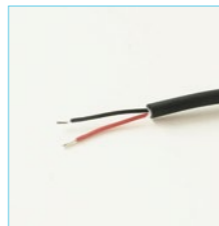
Mounting Clips  
Order Code: AC008-SET  
Dimension: 15x18.2x10.1mm/0.59"x0.72"x0.4"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter of LED strip needs 3 clips + 3 screws + 2 end caps



IP68 Extension Connector - WHT  
Order Code: AD005-2-5M  
Description: IP68 Male and Female connector with 5M cable  
Wire gauge: 1mm<sup>2</sup>/18AWG  
Material of housing: PA



Holding Clips  
Order Code: AC008-HC  
Dimension: 34.6x10x16.5mm/1.36"x0.39"x0.65"(LxWxH)  
Material: silicone  
Color: opal  
Each meter of LED strip needs 3 clips + 6 screws



Black Round PU Cable - WHT  
Order Code: AC098-2  
Wire gauge: 1mm<sup>2</sup>/18AWG  
MOQ: 100M/Roll

## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

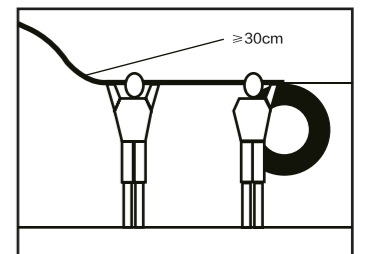
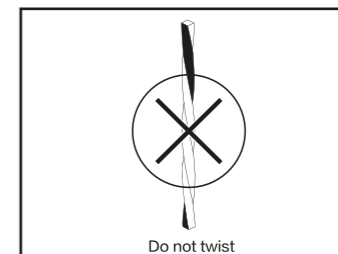
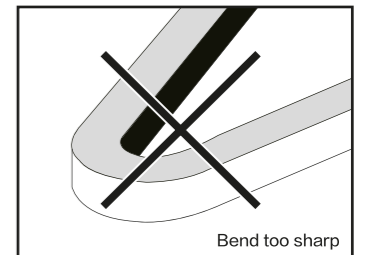
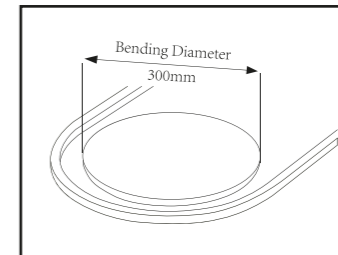
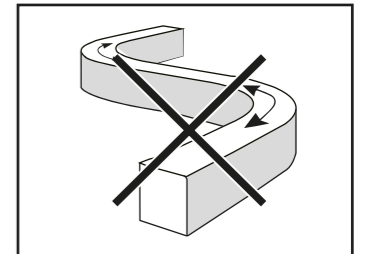
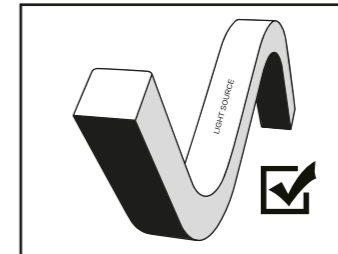


## APPLICATION

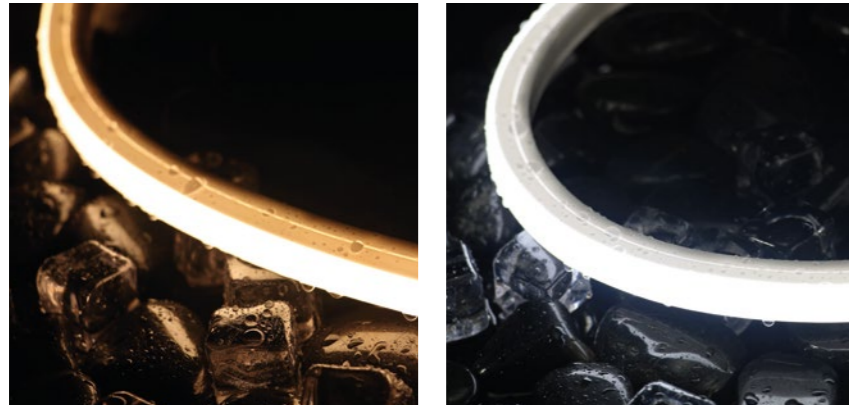
- ▶ IP68 protection with full Polyurethane encapsulation. With PC profile, perfect for underwater applications like swimming pools.
- ▶ Ideal for resort, seaside park and luxurious yachts decoration.
- ▶ Professional solution for architectural & facade lighting.

## ADDITIONAL INFO.

- ▶ Please light it up for a quick check before installation.
- ▶ Bending diameter of LEDLINE FLEX TOP is 300mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

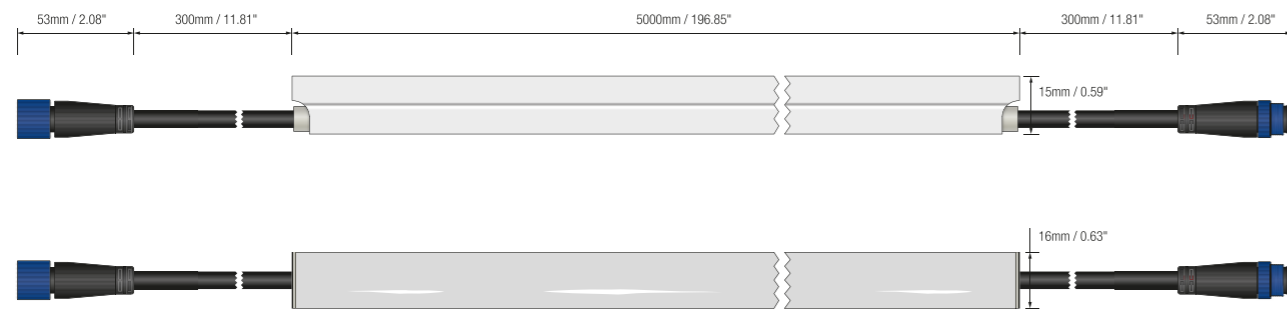


# LEDLINE FLEX TOP IQ



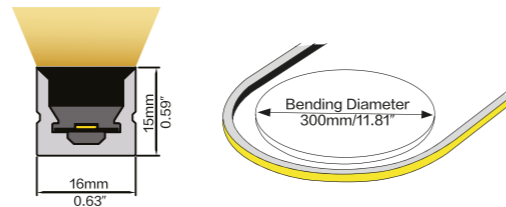
-LEDLINE FLEX TOP IQ, DC24V. Cross section size 16mm x 15mm / 0.63" x 0.59" (W x H), which is vertical bending with radius of 150mm / 5.9".  
 -Thanks to full Polyurethane coating, it is IP68 protected, UV resistant, solvents resistant and saltwater temporary immersion.  
 -3-Step MacAdam bin and dot free lighting effect guarantee the most excellent performance for indoor & outdoor applications.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>a,min</sub> =-25°C /-13°F; T <sub>a,max</sub> =35°C /95°F@15W T <sub>a,max</sub> =45°C /113°F@7.5W(Single Color)
CRI	Ra80
Power(W/m W/ft)	15/4.6
Efficacy(lm/W) @6500K	70



CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
2700K	512	7.5W/M	15M	50mm
6500K	525	7.5W/M	15M	50mm
2700K+6500K	1033	15W/M	11M	50mm

### Note:

- The product delivery length is 5M/reel maximum. Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the strip (after coating) color temperature.

3 STEP

UV PROTECTED

WATERPROOF IP68

L70B10 > 54000H

LUMILEDS

SALTWATER RESISTANT

TEMPORARY IMMERSION

RESISTANT TO SOLVENTS

TEMPORARY IMMERSION



**ONE BIN ONLY**

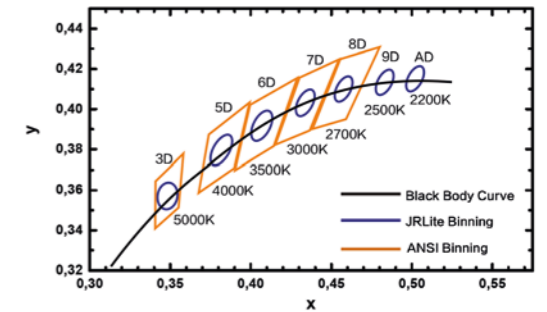
Color consistency Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
LFT IQ	2765=2700+6500K	5000=5M/196.85"	015=15W	F=FRONT S=SIDE B=BOTTOM

Example:  
 LFT IQ-2765-1500-015-S:  
 LEDLINE FLEX TOP Tunable white, 2700K+6500K, 1.5M/reel, 15W/M, Side cable entry.

- 1.The product can be cut ONCE only and finish with end cap & glue, then IP rating drops to IP67.
- 2.Please make the cable connection out of water for underwater installation. It is 3 years warranty for underwater applications.
- 3.Standard cable length is 30cm, if you need cable longer than 30cm, please use our extension connector with 1m or 5m cable.
- 4.It is IK08 rated.



## VARIOUS CONNECTIONS



**Front Cable Entry**  
 The cable could be hidden in all directions by the flexible design.

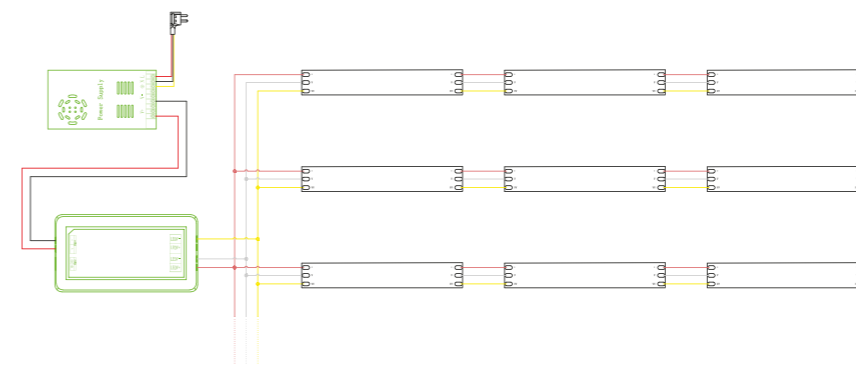


**Side Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.



**Bottom Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

7.5W/M (Single Color) - 15M Max. Single Run Length;  
 15W/M - 11M Max. Single Run Length;  
 The Strip is 5m/reel at most.

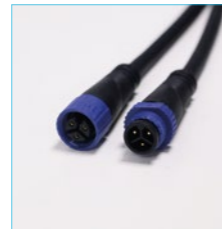
-Please contact us if >150W power supply is needed.

-Please contact us if you need dimmable function.

## ACCESSORIES



Aluminium Profile  
Order Code: AC011-AP  
Dimension: 1000x18.6x17.8mm/39.37"x0.73"x0.70"(LxWxH)  
Material: aluminium  
Color: silver



IP68 Connector - IQ  
Order Code: AD001-3  
Wire gauge: 1.0mm<sup>2</sup>/18AWG  
Protection: IP68(Mated)  
Mechanical operation: > 500 mating cycles  
Contact: brass, gold plating  
Material of housing: PA



PC Profile  
Order Code: AC011-PC  
Dimension: 1000x19.5x19.8mm/39.37"x0.77"x0.78"(LxWxH)  
Material: polycarbonate  
Color: transparent



IP68 Extension Connector - IQ  
Order Code: AD005-3-1M  
Description: IP68 Male and Female connector with 1M cable  
Wire gauge: 1mm<sup>2</sup>/18AWG  
Material of housing: PA



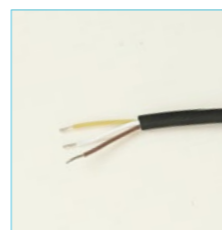
Mounting Clips  
Order Code: AC008-SET  
Dimension: 15x18.2x10.1mm/0.59"x0.72"x0.4"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter of LED strip needs 3 clips + 3 screws + 2 end caps



IP68 Extension Connector - IQ  
Order Code: AD005-3-5M  
Description: IP68 Male and Female connector with 5M cable  
Wire gauge: 1mm<sup>2</sup>/18AWG  
Material of housing: PA



Holding Clips  
Order Code: AC008-HC  
Dimension: 34.6x10x16.5mm/1.36"x0.39"x0.65"(LxWxH)  
Material: silicone  
Color: opal  
Each meter of LED strip needs 3 clips + 6 screws



Black Round PU Cable - IQ  
Order Code: AC098-3  
Wire gauge: 1mm<sup>2</sup>/18AWG  
MOQ: 100M/Roll

## CONTROLLER & DRIVER



Order code: M2+M3-3A  
RF Controller 144W  
DC24V, 3A\*2Channel, Max 6A  
IP20, Support remote control



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc, 10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

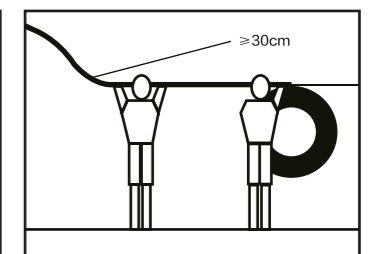
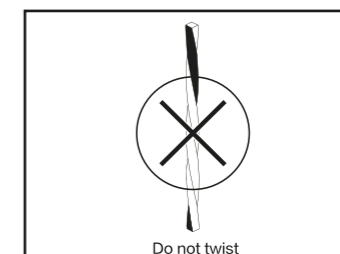
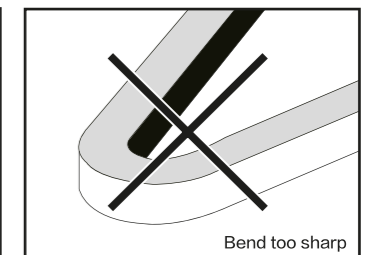
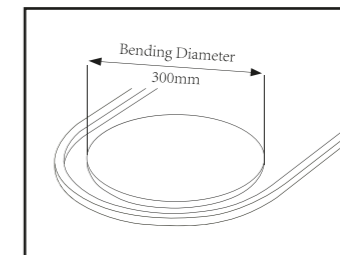
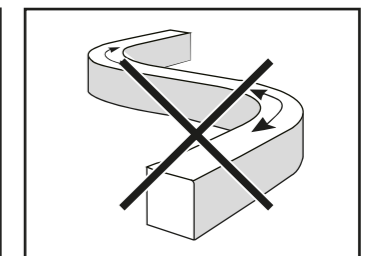
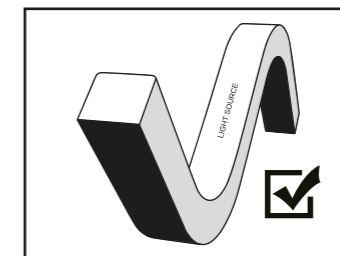


## APPLICATION

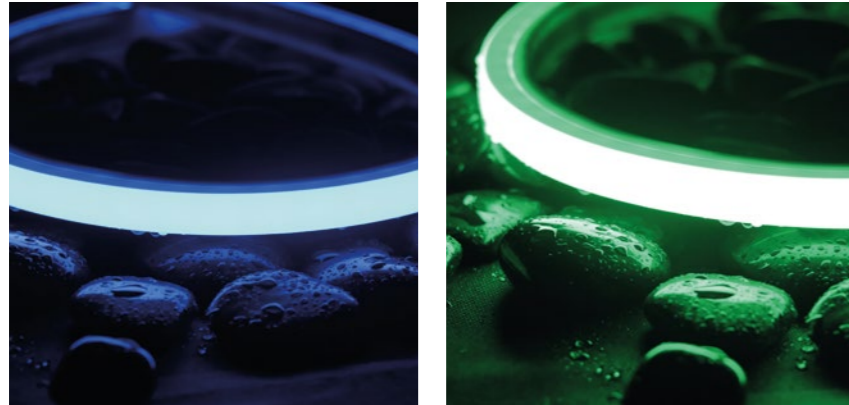
- ▶ Designed to create an appropriate atmosphere by the color and light adjustment from 2700K to 6500K.
- ▶ Excellent for beach residence, high-end hotels lighting.
- ▶ Ideal for stylish restaurants, shopping malls and airports.
- ▶ PC profile, aluminium profile and mounting clips are optional for installation.

## ADDITIONAL INFO.

- ▶ Please light it up for a quick check before installation.
- ▶ Bending diameter of LEDLINE FLEX TOP is 300mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

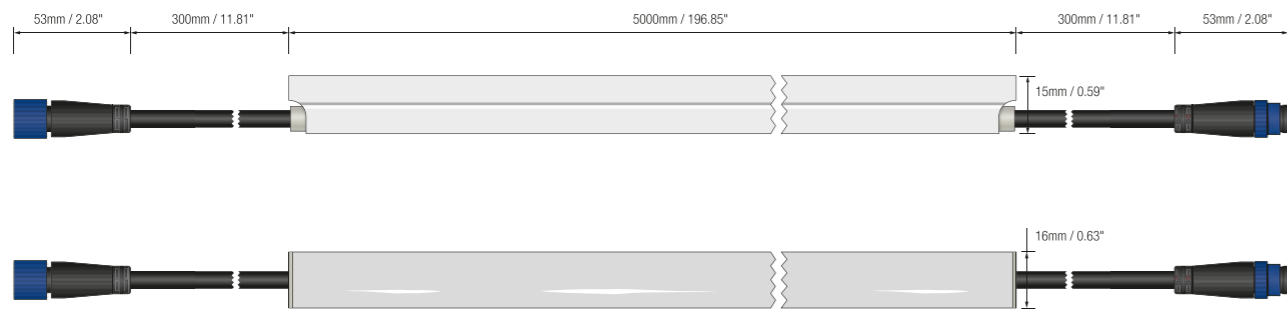


# LEDLINE FLEX TOP RGB



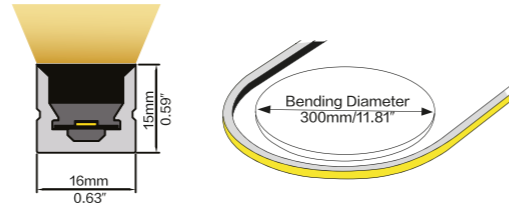
-LEDLINE FLEX TOP RGB, DC24V. Cross section size 16mm x 15mm / 0.63" x 0.59" (W x H), which is vertical bending with radius of 150mm / 5.9".  
 -Thanks to full Polyurethane coating, it is IP68 protected, UV resistant, solvents resistant and saltwater temporary immersion.  
 -ONE BIN only and dot free lighting effect guarantee the most excellent performance for indoor & outdoor applications.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> ; 60°C /140°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> =-25°C /-13°F; Ta <sub>max</sub> =45°C /113°F
Power(W/m W/ft)	10/3.1
Efficacy(lm/W)	30



CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
R	72	3.3W/M	5M	71.43mm
G	192	3.3W/M	5M	71.43mm
B	42	3.3W/M	5M	71.43mm
RGB	304	10W/M	5M	71.43mm

### Note:

- The product delivery length is 5M/reel maximum. Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the strip (after coating) color temperature.



**ONE BIN ONLY**

**UV PROTECTED**

**WATERPROOF IP68**

**L80 30000H**

**SALTWATER RESISTANT**  
**TEMPORARY IMMERSION**

**RESISTANT TO SOLVENTS**  
**TEMPORARY IMMERSION**

**ONE BIN ONLY**  
Color consistency  
Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
LFT RGB	RGB	5000=5M/196.85"	010=10W	F=FRONT
				S=SIDE
				B=BOTTOM

Example:  
 LFT RGB-1500-010-S:  
 LEDLINE FLEX TOP RGB, 1.5M/reel,  
 10W/M, Side cable entry.

- 1.The product can be cut ONCE only and finish with end cap & glue, then IP rating drops to IP67.
- 2.Please make the cable connection out of water for underwater installation. It is 3 years warranty for underwater applications.
- 3.Standard cable length is 30cm, if you need cable longer than 30cm, please use our extension connector with 1m or 5m cable.
- 4.It is IK08 rated.

## VARIOUS CONNECTIONS



**Front Cable Entry**  
 The cable could be hidden in all directions by the flexible design.

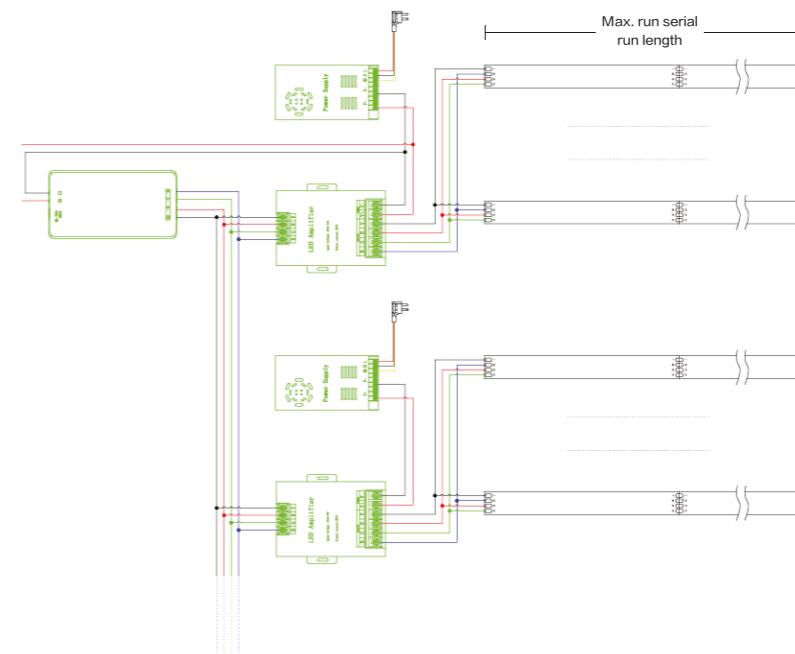


**Side Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.



**Bottom Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

10W/M - 5M Max. Single Run Length;  
 The Strip is 5m/reel at most.

-Please contact us if >150W power supply is needed.

## ACCESSORIES



Aluminium Profile  
Order Code: AC011-AP  
Dimension: 1000x18.6x17.8mm/39.37"x0.73"x0.70"(LxWxH)  
Material: aluminium  
Color: silver



IP68 Connector - RGB  
Order Code: AD001-4  
Wire gauge: 1.0mm<sup>2</sup>/18AWG  
Protection: IP68(Mated)  
Mechanical operation: > 500 mating cycles  
Contact: brass, gold plating  
Material of housing: PA



PC Profile  
Order Code: AC011-PC  
Dimension: 1000x19.5x19.8mm/39.37"x0.77"x0.78"(LxWxH)  
Material: polycarbonate  
Color: transparent



IP68 Extension Connector - RGB  
Order Code: AD005-4-1M  
Description: IP68 Male and Female connector with 1M cable  
Wire gauge: 1mm<sup>2</sup>/18AWG  
Material of housing: PA



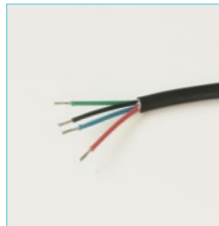
Mounting Clips  
Order Code: AC008-SET  
Dimension: 15x18.2x10.1mm/0.59"x0.72"x0.4"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter of LED strip needs 3 clips + 3 screws + 2 end caps



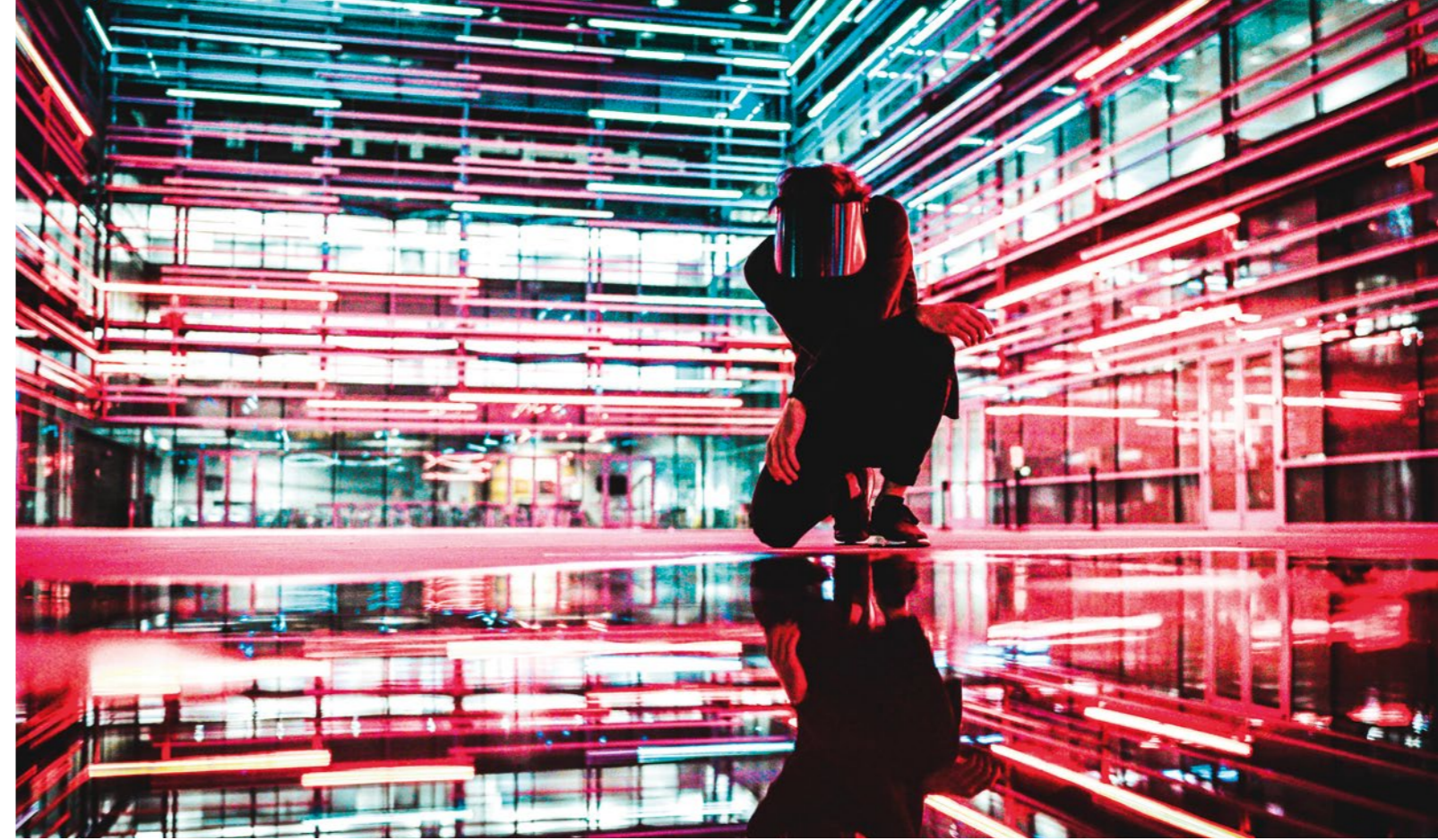
IP68 Extension Connector - RGB  
Order Code: AD005-4-5M  
Description: IP68 Male and Female connector with 5M cable  
Wire gauge: 1mm<sup>2</sup>/18AWG  
Material of housing: PA



Holding Clips  
Order Code: AC008-HC  
Dimension: 34.6x10x16.5mm/1.36"x0.39"x0.65"(LxWxH)  
Material: silicone  
Color: opal  
Each meter of LED strip needs 3 clips + 6 screws



Black Round PU Cable - RGB  
Order Code: AC098-4  
Wire gauge: 1mm<sup>2</sup>/18AWG  
MOQ: 100M/Roll



## CONTROLLER & DRIVER



Order code: M6+M3-3A  
RF Controller 216W  
DC24V, 3A\*3Channel, Max 9A  
IP20, Support remote control



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



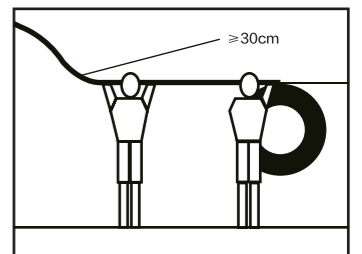
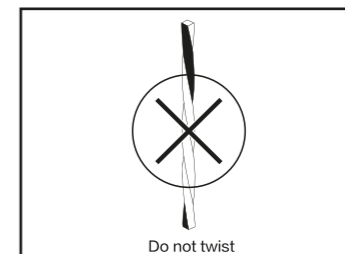
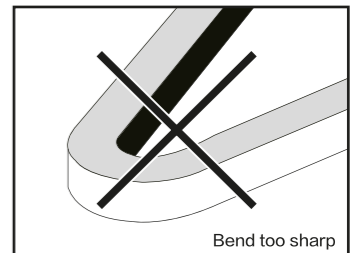
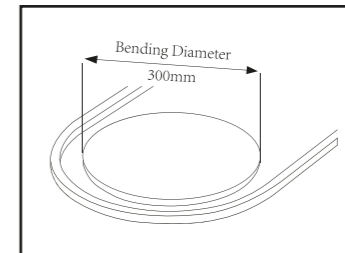
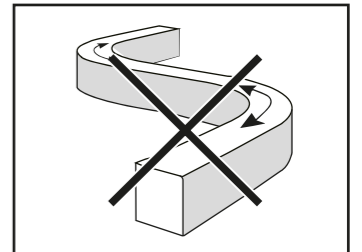
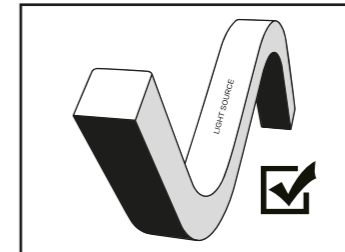
Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## APPLICATION

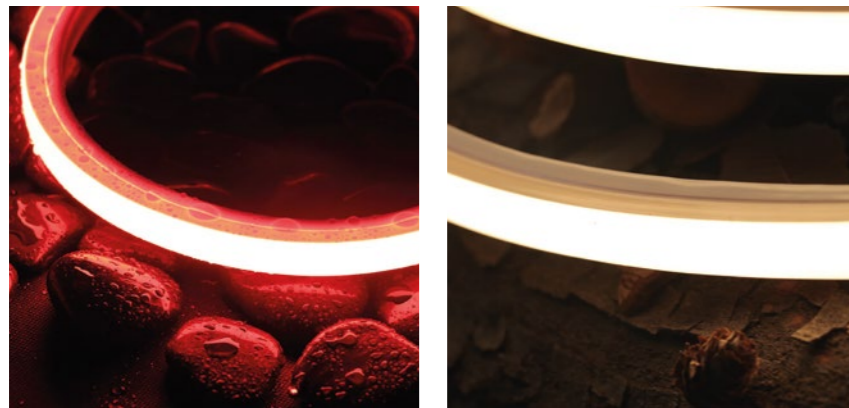
- ▶ Superb for creating striking and dynamic lighting effects.
- ▶ Bars, towers, amusement park, aquarium anywhere need direct lighting.
- ▶ Ideal for yacht, architectural, underwater lighting applications.
- ▶ PC profile, aluminium profile and mounting clips are optional for installation.

## ADDITIONAL INFO.

- ▶ Please light it up for a quick check before installation.
- ▶ Bending diameter of LEDLINE FLEX TOP is 300mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 3 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

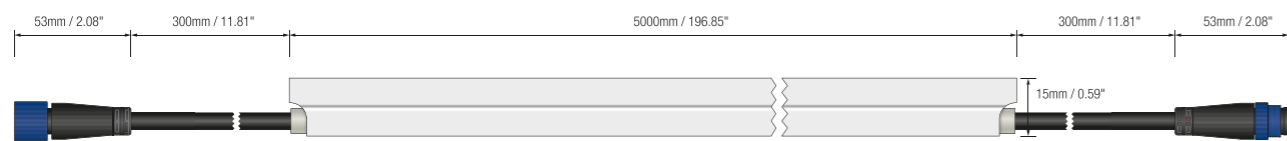


# LEDLINE FLEX TOP RGBW



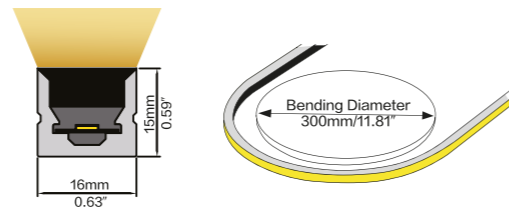
-LEDLINE FLEX TOP RGBW, DC24V. Cross section size 16mm x 15mm / 0.63" x 0.59" (W x H), which is vertical bending with radius of 150mm / 5.9".  
 -Thanks to full Polyurethane coating, it is IP68 protected, UV resistant, solvents resistant and saltwater temporary immersion.  
 -ONE BIN only and dot free lighting effect guarantee the most excellent performance for indoor & outdoor applications.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> =-25°C /-13°F; Ta <sub>max</sub> =35°C /95°F@15W Ta <sub>max</sub> =50°C /122°F@3.75W(Single Color)
Power(W/m W/ft)	15/4.6
Efficacy(lm/W)	37



CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
R	62	3.75W/M	5M	71.43mm
G	205	3.75W/M	5M	71.43mm
B	46	3.75W/M	5M	71.43mm
W27	272	3.75W/M	5M	71.43mm
W30	272	3.75W/M	5M	71.43mm
W40	276	3.75W/M	5M	71.43mm
W65	250	3.75W/M	5M	71.43mm
RGBW40	562	15W/M	5M	71.43mm

### Note:

- The product delivery length is 5M/reel maximum. Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the strip (after coating) color temperature.



ONE BIN ONLY

UV PROTECTED

WATERPROOF IP68

L80 30000H

SALTWATER RESISTANT  
TEMPORARY IMMERSION

RESISTANT TO SOLVENTS  
TEMPORARY IMMERSION

**ONE BIN ONLY**  
Color consistency  
Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
LFT RGBW	27=2700K	5000=5M/196.85"	015=15W	F=FRONT
	30=3000K			S=SIDE
	40=4000K			B=BOTTOM
	65=6500K			

Example:  
 LFT RGBW30-1500-015-S:  
 LEDLINE FLEX TOP RGBW3000K,  
 1.5M/reel, 15W/M, Side cable entry.

- 1.The product can be cut ONCE only and finish with end cap & glue, then IP rating drops to IP67.
- 2.Please make the cable connection out of water for underwater installation. It is 3 years warranty for underwater applications.
- 3.Standard cable length is 30cm, if you need cable longer than 30cm, please use our extension connector with 1m or 5m cable.
- 4.It is IK08 rated.

## VARIOUS CONNECTIONS



**Front Cable Entry**  
 The cable could be hidden in all directions by the flexible design.

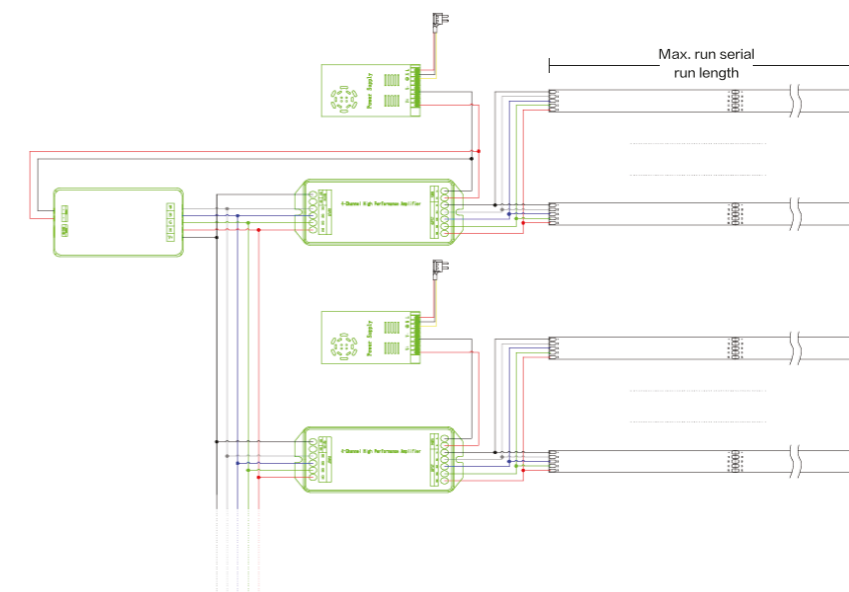


**Side Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.



**Bottom Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

15W/M - 5M Max. Single Run Length;  
 The Strip is 5m/reel at most.

-Please contact us if >150W power supply is needed.

## ACCESSORIES



Aluminium Profile  
Order Code: AC011-AP  
Dimension: 1000x18.6x17.8mm/39.37"x0.73"x0.70"(LxWxH)  
Material: aluminium  
Color: silver



IP68 Connector - RGBW  
Order Code: AD001-5  
Wire gauge: 1.0mm<sup>2</sup>/18AWG  
Protection: IP68(Mated)  
Mechanical operation: > 500 mating cycles  
Contact: brass, gold plating  
Material of housing: PA



PC Profile  
Order Code: AC011-PC  
Dimension: 1000x19.5x19.8mm/39.37"x0.77"x0.78"(LxWxH)  
Material: polycarbonate  
Color: transparent



IP68 Extension Connector - RGBW  
Order Code: AD005-5-1M  
Description: IP68 Male and Female connector with 1M cable  
Wire gauge: 1mm<sup>2</sup>/18AWG  
Material of housing: PA



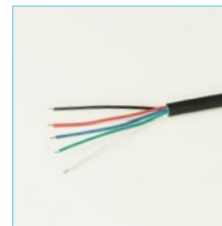
Mounting Clips  
Order Code: AC008-SET  
Dimension: 15x18.2x10.1mm/0.59"x0.72"x0.4"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter of LED strip needs 3 clips + 3 screws + 2 end caps



IP68 Extension Connector - RGBW  
Order Code: AD005-5-5M  
Description: IP68 Male and Female connector with 5M cable  
Wire gauge: 1mm<sup>2</sup>/18AWG  
Material of housing: PA



Holding Clips  
Order Code: AC008-HC  
Dimension: 34.6x10x16.5mm/1.36"x0.39"x0.65"(LxWxH)  
Material: silicone  
Color: opal  
Each meter of LED strip needs 3 clips + 6 screws



Black Round PU Cable - RGBW  
Order Code: AC098-5  
Wire gauge: 1mm<sup>2</sup>/18AWG  
MOQ: 100M/Roll

## CONTROLLER & DRIVER



Order code: M4+M4-3A  
RF Controller 288W  
DC24V, 3A\*4Channel, Max 12A  
IP20, Support remote control



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

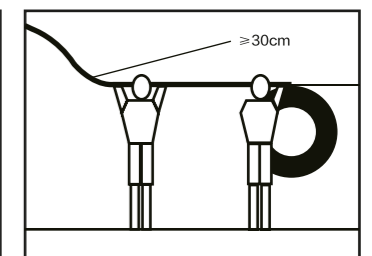
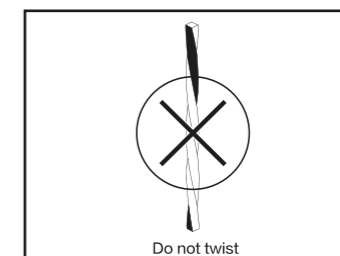
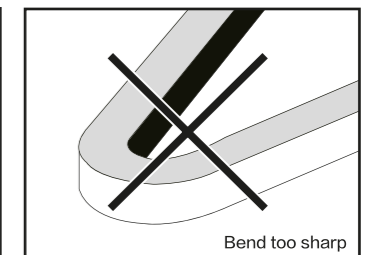
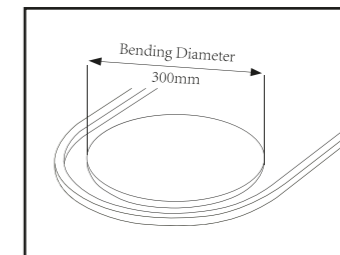
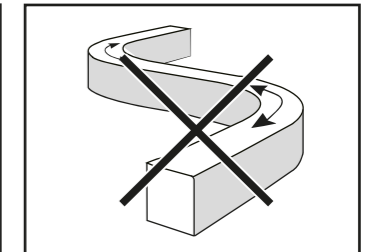
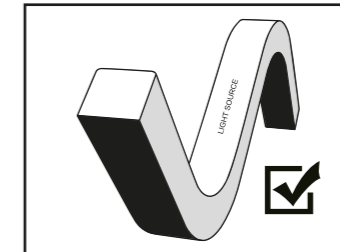


## APPLICATION

- ▶ Brilliant colors and white light are in one product to compose impressive scenes to fit your special occasions.
- ▶ Perfect for Ferris wheel, yacht, swimming pool, art galleries.
- ▶ PC profile, aluminium profile and mounting clips are optional for installation.

## ADDITIONAL INFO.

- ▶ Please light it up for a quick check before installation.
- ▶ Bending diameter of LEDLINE FLEX TOP is 300mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 3 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.





# BEYOND THE CLASSICAL



IP 68

**Ledline Flex Top**, DC24V, has bending direction vertically with radius of 150mm(5.9" ) and a cross section size: 16mm\*15mm/0.63" x0.59" (W\*H). It is IP68 protection, UV resistant and saltwater resistant via opal polyurethane encapsulation. 2- Step MacAdam bin and dot free will bring the most excellent performance for indoor&outdoor applications.

*Revolution*

**Ledline Flex Side**, DC24V, has bending direction horizontally with radius of 150mm(5.9" ) and a cross section size: 12mm\*20mm/0.47" x0.79" (W\*H). It is IP68 protection, UV resistant and saltwater resistant via opal polyurethane encapsulation. 2- Step MacAdam bin and dot free will bring the most excellent performance for indoor&outdoor applications.

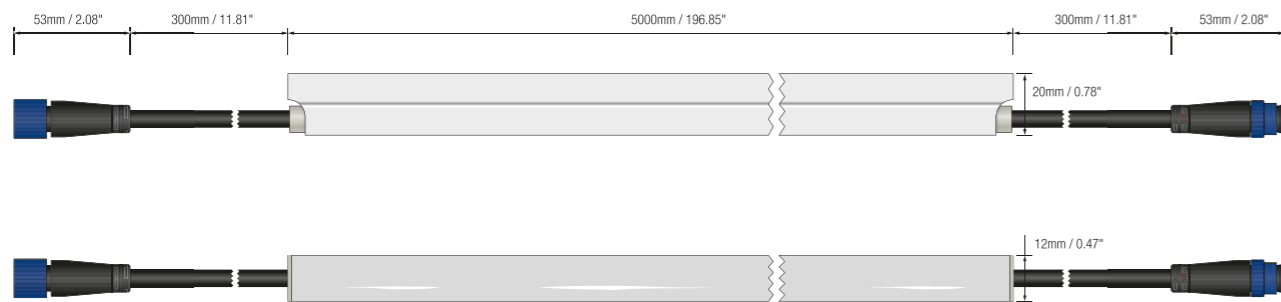


# LEDLINE FLEX SIDE WHT



-LEDLINE FLEX SIDE WHT, DC24V. Cross section size 12mm x 20mm / 0.47" x 0.79" (W x H), which is horizontal bending with radius of 150mm / 5.9".  
 -Thanks to full Polyurethane coating, it is IP68 protected, UV resistant, solvents resistant and saltwater temporary immersion.  
 -2-Step MacAdam bin and dot free lighting effect guarantee the most excellent performance for indoor & outdoor applications.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>min</sub> = -25°C /-13°F, T <sub>max</sub> (Table below)
CRI	Ra93

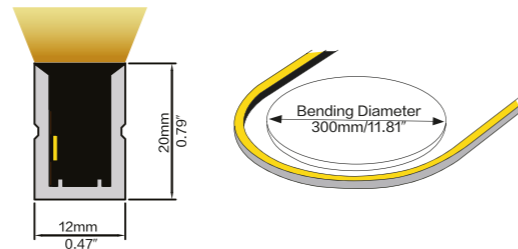
Ledline Flex Side	Low output	STD output	High output
Power(W/m W/ft)	5/1.5	10/3.1	15/4.6
Efficacy(lm/W) @4000K	52.8	52.8	51.2
Max. Ambient tempt.(T <sub>max</sub> )	50°C /122°F	45°C /113°F	35°C /95°F

(Lm/m)

CCT	2700K	3000K	3500K	4000K	6000K	Max. Run Length	Unit Cut
5W/M	228	262	255	264	232	23M	41.67mm
*10W/M	439	506	522	528	455	16M	41.67mm
15W/M	663	762	702	768	700	12M	41.67mm

Note:

- When ambient temperature reaches 50°C, the power is suggested to be 5W/M.
- The product delivery length is 5M/reel maximum. Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the strip (after coating) color temperature.



**2 STEP**

**UV PROTECTED**

**WATERPROOF IP68**

**L70B10 > 54000H**  
**LUMILEDS**

**SALTWATER RESISTANT**  
**TEMPORARY IMMERSION**

**RESISTANT TO SOLVENTS**  
**TEMPORARY IMMERSION**

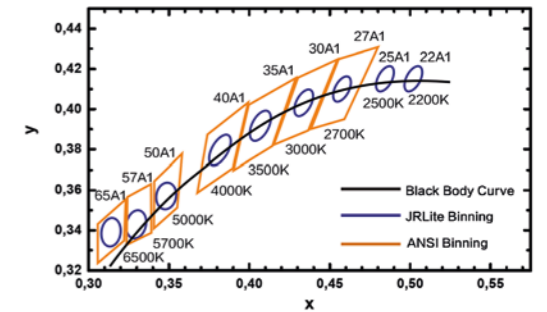
**ONE BIN ONLY**  
 Color consistency  
 Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
LFS WHT	27=2700K	5000=5M/196.85"	005=5W	F=FRONT
	30=3000K		010=10W	S=SIDE
	35=3500K		015=15W	B=BOTTOM
	40=4000K			
	60=6000K			

Example:  
 LFS WHT-30-1500-015-S:  
 LEDLINE FLEX SIDE WHT, 3000K,  
 1.5M/reel, 15W/M, Side cable entry.

- 1.The product can be cut ONCE only and finish with end cap & glue, then IP rating drops to IP67.
- 2.Please make the cable connection out of water for underwater installation. It is 3 years warranty for underwater applications.
- 3.Standard cable length is 30cm, if you need cable longer than 30cm, please use our extension connector with 1m or 5m cable.
- 4.It is IK08 rated.



## VARIOUS CONNECTIONS



**Front Cable Entry**  
 The cable could be hidden in all directions by the flexible design.

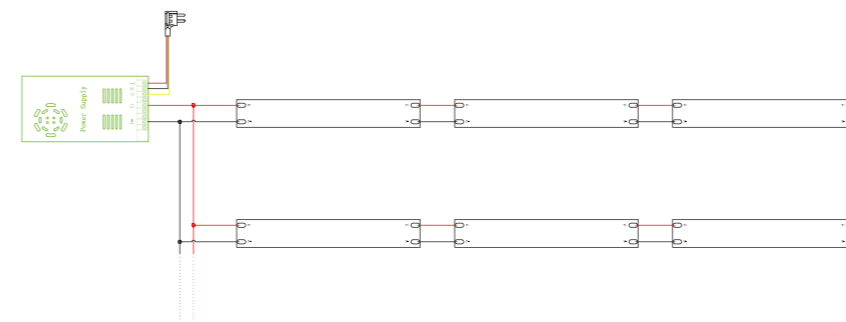


**Side Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.



**Bottom Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

5W/M - 23M Max. Single Run Length;  
 10W/M - 16M Max. Single Run Length;  
 15W/M - 12M Max. Single Run Length;  
 The Strip is 5m/reel at most.

-Please contact us if >150W power supply is needed.

-Please contact us If you need dimmable function.

## ACCESSORIES



Aluminium Profile  
Order Code: AC012-AP  
Dimension: 1000x14.4x21.4mm/39.37"x0.57"x0.84"(LxWxH)  
Material: aluminium  
Color: silver



IP68 Connector - WHT  
Order Code: AD001-2  
Wire gauge: 1.0mm<sup>2</sup>/18AWG  
Protection: IP68(Mated)  
Mechanical operation: > 500 mating cycles  
Contact: brass, gold plating  
Material of housing: PA



Curved Profile  
Order Code: AC012-CR  
Dimension: 500x26.4x18mm/19.68"x1.04"x0.71"(LxWxH)  
Material: stainless steel  
Color: silver



IP68 Extension Connector - WHT  
Order Code: AD005-2-1M  
Description: IP68 Male and Female connector with 1M cable  
Wire gauge: 1mm<sup>2</sup>/18AWG  
Material of housing: PA



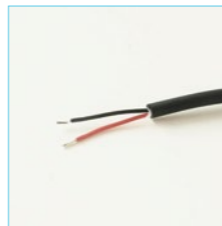
Mounting Clips  
Order Code: AC009-SET  
Dimension: 15x13.8x12.8mm/0.59"x0.54"x0.5"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter of LED strip needs 3 clips + 3 screws + 2 end caps



IP68 Extension Connector - WHT  
Order Code: AD005-2-5M  
Description: IP68 Male and Female connector with 5M cable  
Wire gauge: 1mm<sup>2</sup>/18AWG  
Material of housing: PA



Holding Clips  
Order Code: AC009-HC  
Dimension: 30.6x10x22.5mm/1.2"x0.39"x0.89"(LxWxH)  
Material: silicone  
Color: opal  
Each meter of LED strip needs 3 clips + 6 screws



Black Round PU Cable - WHT  
Order Code: AC098-2  
Wire gauge: 1mm<sup>2</sup>/18AWG  
MOQ: 100M/Roll



## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



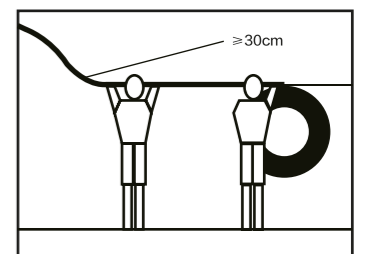
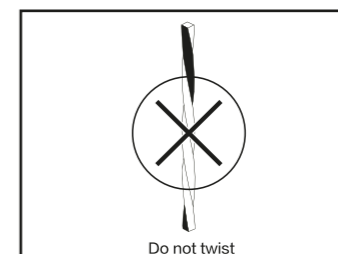
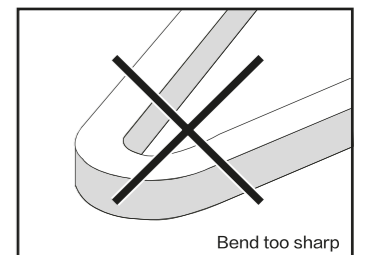
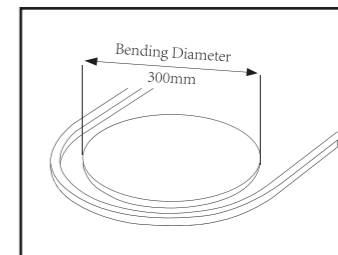
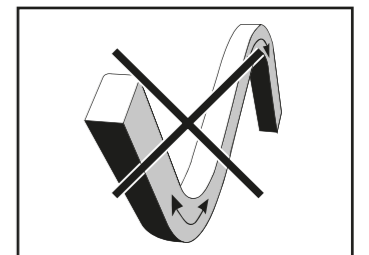
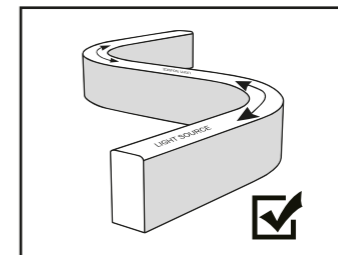
Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## APPLICATION

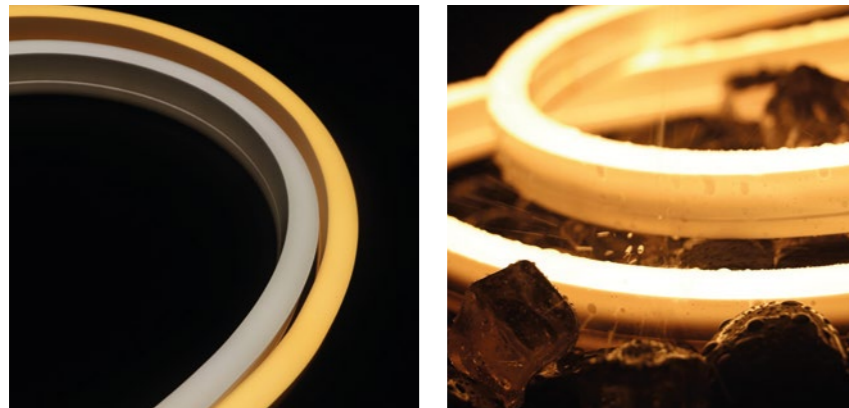
- ▶ Protected against water, dirt and corrosion and its high quality will last a lifetime.
- ▶ Designed for professional outdoor lighting, it is an ideal match solution for all high-quality applications.
- ▶ Facade lighting, yacht lighting and landscape lighting.

## ADDITIONAL INFO.

- ▶ Please light it up for a quick check before installation.
- ▶ Bending diameter of LEDLINE FLEX SIDE is 300mm, do not bend to top direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

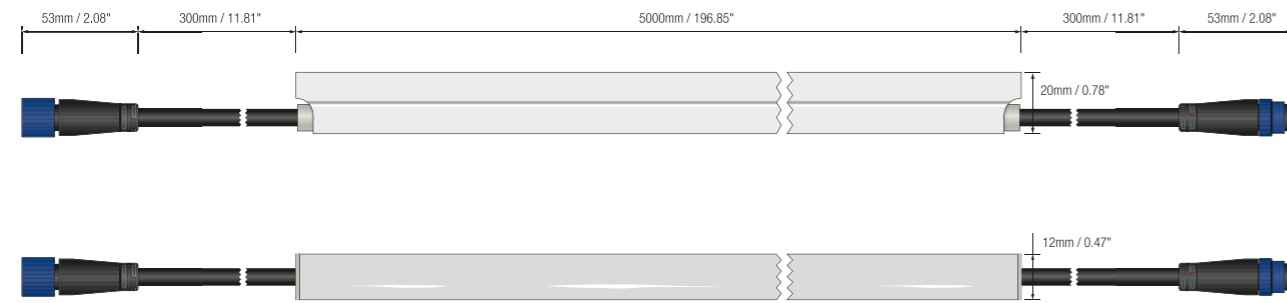


# LEDLINE FLEX SIDE IQ



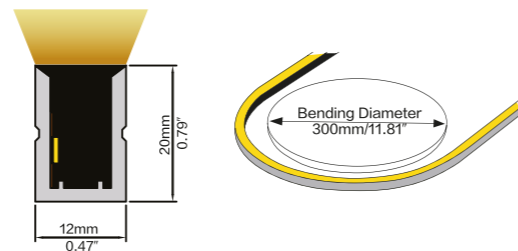
-LEDLINE FLEX SIDE IQ, DC24V. Cross section size 12mm x 20mm / 0.47" x 0.79" (W x H), which is horizontal bending with radius of 150mm / 5.9".  
 -Thanks to full Polyurethane coating, it is IP68 protected, UV resistant, solvents resistant and saltwater temporary immersion.  
 -3-Step MacAdam bin and dot free lighting effect guarantee the most excellent performance for indoor & outdoor applications.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> ; 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>a,min</sub> =-25°C /-13°F; T <sub>a,max</sub> =35°C /95°F@15W T <sub>a,max</sub> =45°C /113°F@7.5W(Single Color)
CRI	Ra80
Power(W/m W/ft)	15/4.6
Efficacy(lm/W) @6000K	56.3



CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
2700K	406	7.5W/M	5M	50mm
6000K	422	7.5W/M	5M	50mm
2700K+6000K	821	15W/M	5M	50mm

### Note:

- The product delivery length is 5M/reel maximum. Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the strip (after coating) color temperature.



3 STEP

UV PROTECTED

WATERPROOF IP68

L70B10 > 54000H

LUMILEDS

SALTWATER RESISTANT

TEMPORARY IMMERSION

RESISTANT TO SOLVENTS

TEMPORARY IMMERSION

**ONE BIN ONLY**

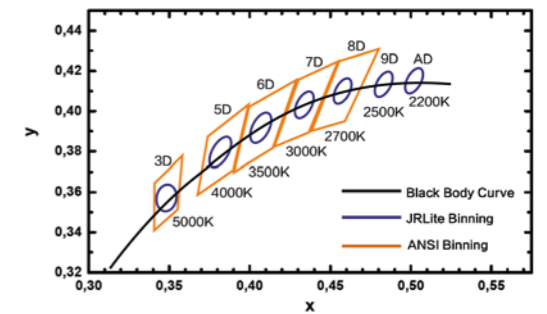
Color consistency Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
LFS IQ	2760=2700+6000K	5000=5M/196.85"	015=15W	F=FRONT S=SIDE B=BOTTOM

Example:  
 LFS IQ-2760-1500-015-S:  
 LEDLINE FLEX SIDE IQ,  
 2700K+6000K, 1.5M/reel, 15W/M,  
 Side cable entry.

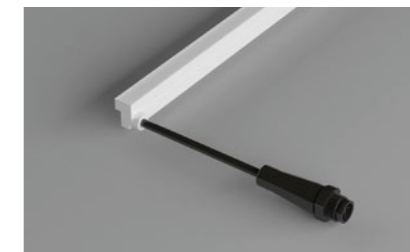
- 1.The product can be cut ONCE only and finish with end cap & glue, then IP rating drops to IP67.
- 2.Please make the cable connection out of water for underwater installation. It is 3 years warranty for underwater applications.
- 3.Standard cable length is 30cm, if you need cable longer than 30cm, please use our extension connector with 1m or 5m cable.
- 4.It is IK08 rated.



## VARIOUS CONNECTIONS



**Front Cable Entry**  
 The cable could be hidden in all directions by the flexible design.

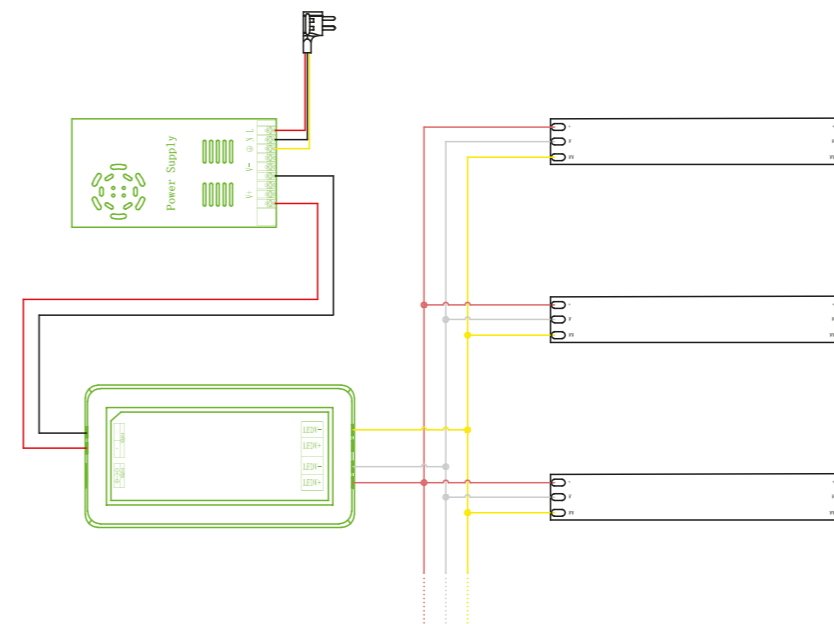


**Side Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.



**Bottom Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

7.5W/M (Single Color) - 5M Max. Single Run Length;  
 15W/M - 5M Max. Single Run Length;  
 The Strip is 5m/reel at most.

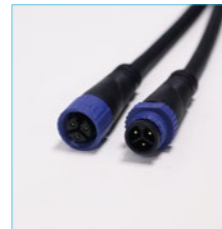
-Please contact us if >150W power supply is needed.

-Please contact us if you need dimmable function.

## ACCESSORIES



Aluminium Profile  
Order Code: AC012-AP  
Dimension: 1000x14.4x21.4mm/39.37"x0.57"x0.84"(LxWxH)  
Material: aluminium  
Color: silver



IP68 Connector - IQ  
Order Code: AD001-3  
Wire gauge: 1.0mm<sup>2</sup>/18AWG  
Protection: IP68(Mated)  
Mechanical operation: > 500 mating cycles  
Contact: brass, gold plating  
Material of housing: PA



Curved Profile  
Order Code: AC012-CR  
Dimension: 500x26.4x18mm/19.68"x1.04"x0.71"(LxWxH)  
Material: stainless steel  
Color: silver



IP68 Extension Connector - IQ  
Order Code: AD005-3-1M  
Description: IP68 Male and Female connector with 1M cable  
Wire gauge: 1mm<sup>2</sup>/18AWG  
Material of housing: PA



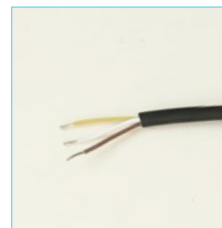
Mounting Clips  
Order Code: AC009-SET  
Dimension: 15x13.8x12.8mm/0.59"x0.54"x0.5"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter of LED strip needs 3 clips + 3 screws + 2 end caps



IP68 Extension Connector - IQ  
Order Code: AD005-3-5M  
Description: IP68 Male and Female connector with 5M cable  
Wire gauge: 1mm<sup>2</sup>/18AWG  
Material of housing: PA



Holding Clips  
Order Code: AC009-HC  
Dimension: 30.6x10x22.5mm/1.2"x0.39"x0.89"(LxWxH)  
Material: silicone  
Color: opal  
Each meter of LED strip needs 3 clips + 6 screws



Black Round PU Cable - IQ  
Order Code: AC098-3  
Wire gauge: 1mm<sup>2</sup>/18AWG  
MOQ: 100M/Roll

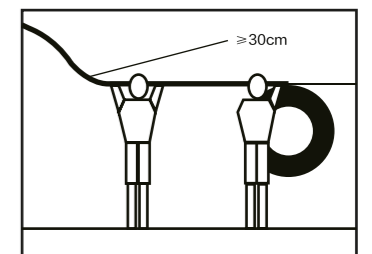
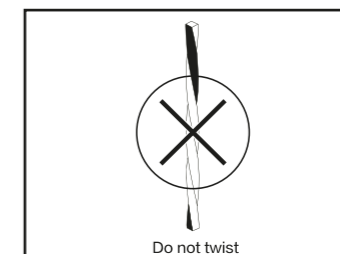
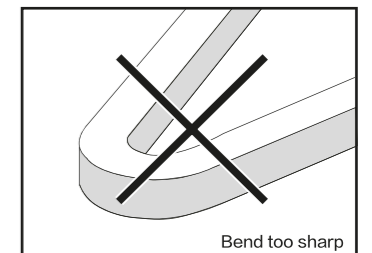
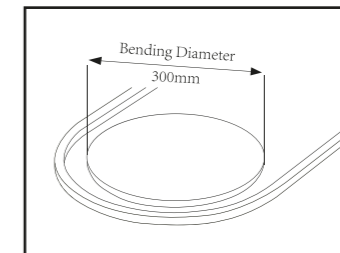
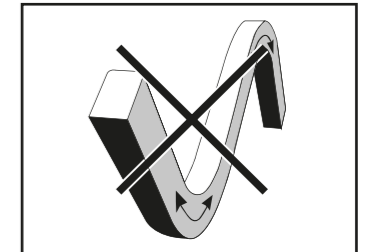
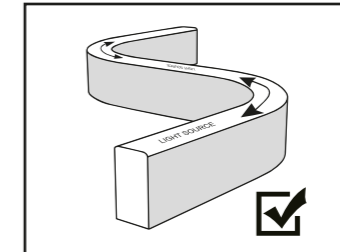


## APPLICATION

- ▶ Protected against water, dirt and corrosion and its high quality will last a lifetime.
- ▶ Designed for professional outdoor lighting they are an ideal match for all high-quality applications.
- ▶ Facade lighting, yacht lighting and landscape lighting.

## ADDITIONAL INFO.

- ▶ Please light it up for a quick check before installation.
- ▶ Bending diameter of LEDLINE FLEX SIDE is 300mm, do not bend to top direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.



## CONTROLLER & DRIVER

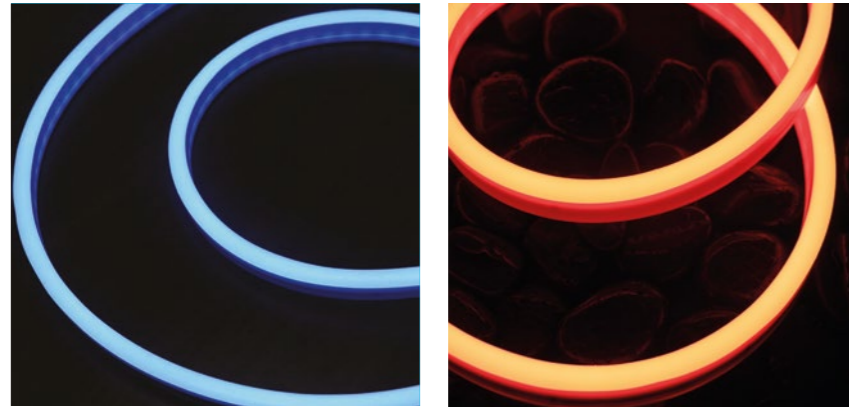


Order code: M2+M3-3A  
RF Controller 144W  
DC24V, 3A\*2Channel, Max 6A  
IP20, Support remote control



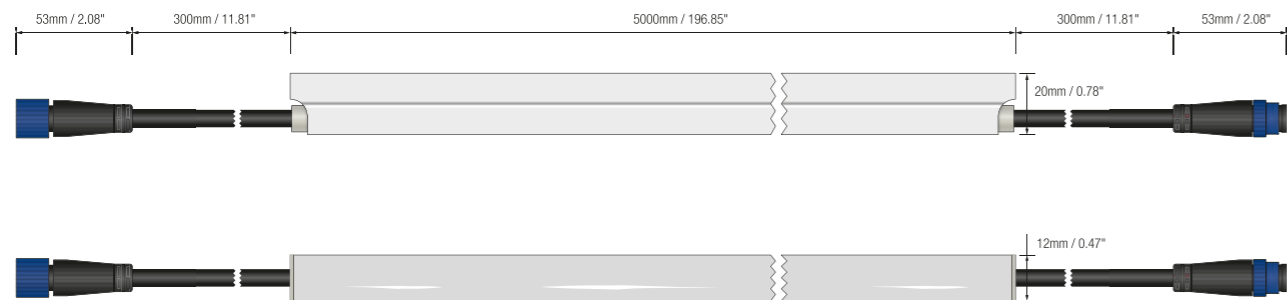
Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.

# LEDLINE FLEX SIDE RGB



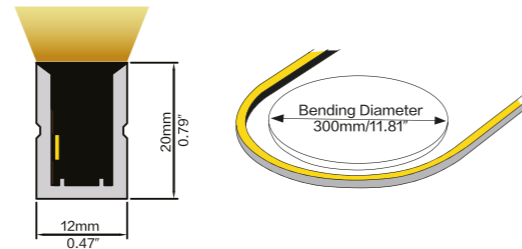
-LEDLINE FLEX SIDE RGB, DC24V. Cross section size 12mm x 20mm / 0.47" x 0.79" (W x H), which is horizontal bending with radius of 150mm / 5.9".  
 -Thanks to full Polyurethane coating, it is IP68 protected, UV resistant, solvents resistant and saltwater temporary immersion.  
 -ONE BIN only and dot free lighting effect guarantee the most excellent performance for indoor & outdoor applications.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> ; 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>a,min</sub> =-25°C /-13°F; T <sub>a,max</sub> =45°C /113°F
Power(W/m W/ft)	10/3.1
Efficacy(lm/W)	24.1



CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
R	61	3.3W/M	5M	71.43mm
G	150	3.3W/M	5M	71.43mm
B	35	3.3W/M	5M	71.43mm
RGB	241	10W/M	5M	71.43mm

### Note:

- The product delivery length is 5M/reel maximum. Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the strip (after coating) color temperature.



**ONE BIN ONLY**

**UV PROTECTED**

**WATERPROOF IP68**

**L80 30000H**

**SALTWATER RESISTANT**

**TEMPORARY IMMERSION**

**RESISTANT TO SOLVENTS**

**TEMPORARY IMMERSION**

**ONE BIN ONLY**

Color consistency Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
LFS RGB	RGB	5000=5M/196.85"	010=10W	F=FRONT
				S=SIDE
				B=BOTTOM

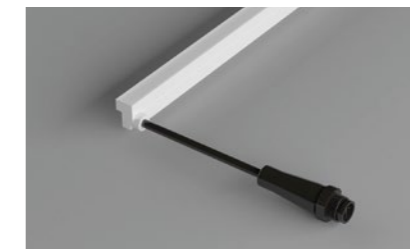
Example:  
 LFS RGB-1500-010-S:  
 LEDLINE FLEX SIDE RGB, 1.5M/reel, 10W/M, Side cable entry.

- 1.The product can be cut ONCE only and finish with end cap & glue, then IP rating drops to IP67.
- 2.Please make the cable connection out of water for underwater installation. It is 3 years warranty for underwater applications.
- 3.Standard cable length is 30cm, if you need cable longer than 30cm, please use our extension connector with 1m or 5m cable.
- 4.It is IK08 rated.

## VARIOUS CONNECTIONS



**Front Cable Entry**  
 The cable could be hidden in all directions by the flexible design.

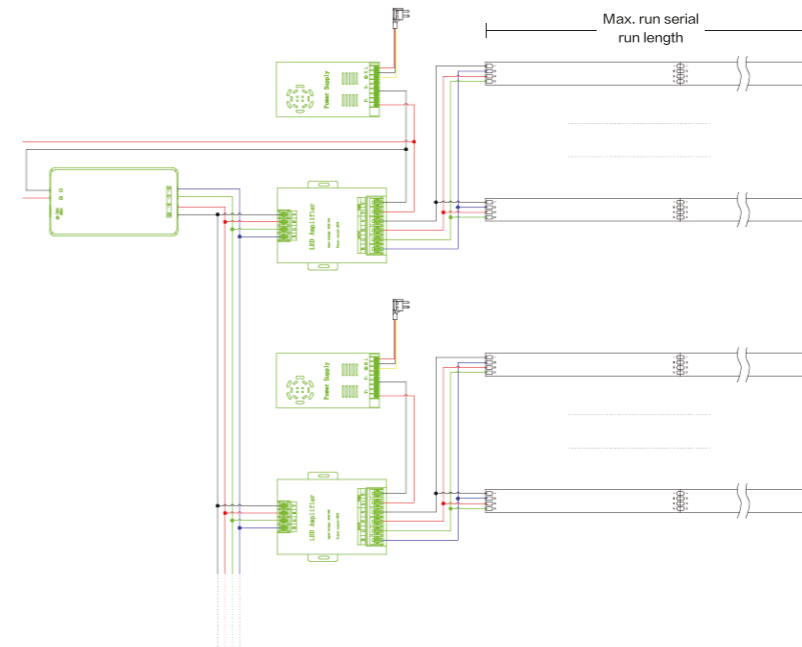


**Side Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.



**Bottom Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

10W/M - 5M Max. Single Run Length; The Strip is 5m/reel at most.

-Please contact us if >150W power supply is needed.

## ACCESSORIES



Aluminium Profile  
Order Code: AC012-AP  
Dimension: 1000x14.4x21.4mm/39.37"x0.57"x0.84"(LxWxH)  
Material: aluminium  
Color: silver



IP68 Connector - RGB  
Order Code: AD001-4  
Wire gauge: 1.0mm<sup>2</sup>/18AWG  
Protection: IP68(Mated)  
Mechanical operation: > 500 mating cycles  
Contact: brass, gold plating  
Material of housing: PA



Curved Profile  
Order Code: AC012-CR  
Dimension: 500x26.4x18mm/19.68"x1.04"x0.71"(LxWxH)  
Material: stainless steel  
Color: silver



IP68 Extension Connector - RGB  
Order Code: AD005-4-1M  
Description: IP68 Male and Female connector with 1M cable  
Wire gauge: 1mm<sup>2</sup>/18AWG  
Material of housing: PA



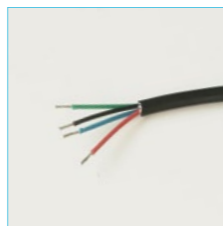
Mounting Clips  
Order Code: AC009-SET  
Dimension: 15x13.8x12.8mm/0.59"x0.54"x0.5"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter of LED strip needs 3 clips + 3 screws + 2 end caps



IP68 Extension Connector - RGB  
Order Code: AD005-4-5M  
Description: IP68 Male and Female connector with 5M cable  
Wire gauge: 1mm<sup>2</sup>/18AWG  
Material of housing: PA



Holding Clips  
Order Code: AC009-HC  
Dimension: 30.6x10x22.5mm/1.2"x0.39"x0.89"(LxWxH)  
Material: silicone  
Color: opal  
Each meter of LED strip needs 3 clips + 6 screws



Black Round PU Cable - RGB  
Order Code: AC098-4  
Wire gauge: 1mm<sup>2</sup>/18AWG  
MOQ: 100M/Roll



## CONTROLLER & DRIVER



Order code: M6+M3-3A  
RF Controller 216W  
DC24V, 3A\*3Channel, Max 9A  
IP20, Support remote control



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



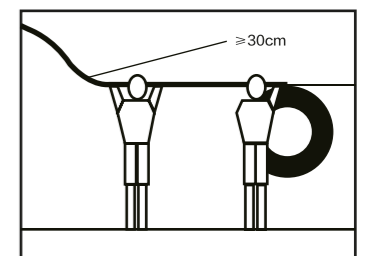
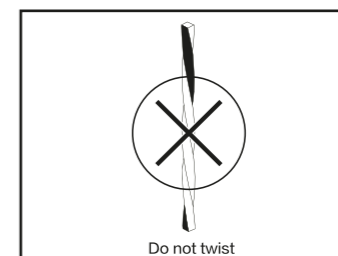
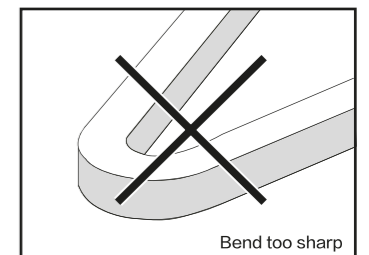
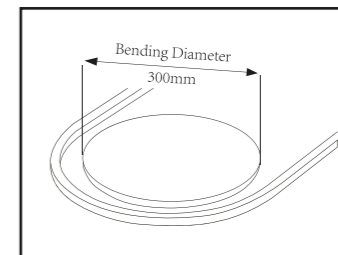
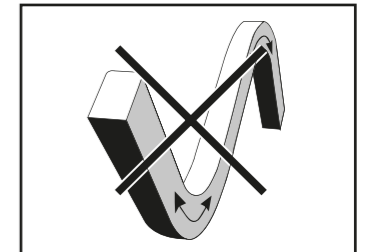
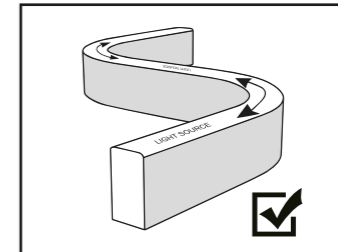
Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## APPLICATION

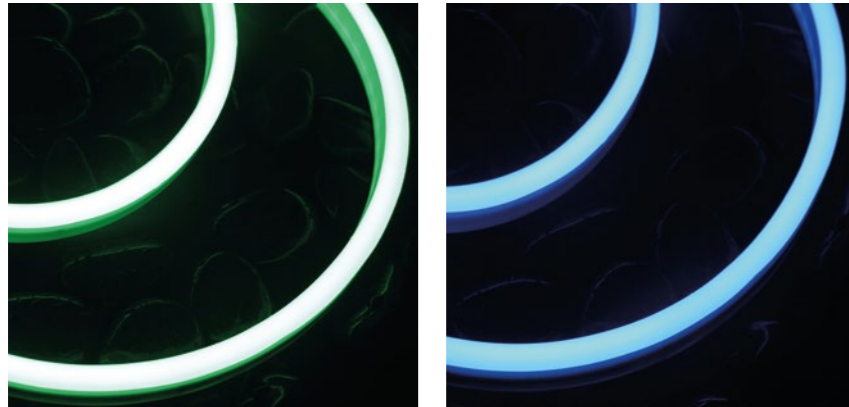
- ▶ Protected against water, dirt and corrosion and its high quality will last a lifetime.
- ▶ Designed for professional outdoor lighting they are an ideal match for all high-quality applications.
- ▶ Facade lighting, yacht lighting and landscape lighting.

## ADDITIONAL INFO.

- ▶ Please light it up for a quick check before installation.
- ▶ Bending diameter of LEDLINE FLEX SIDE is 300mm, do not bend to top direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 3 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

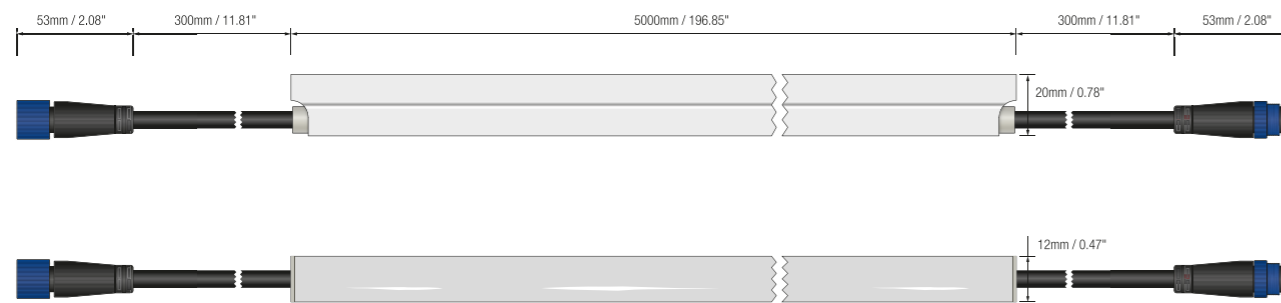


# LEDLINE FLEX SIDE RGBW



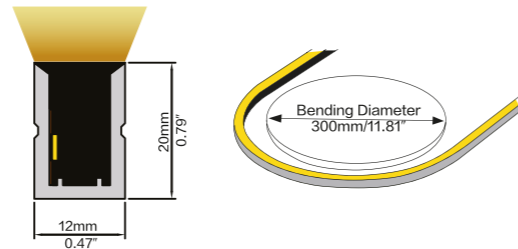
-LEDLINE FLEX SIDE RGBW, DC24V. Cross section size 12mm x 20mm / 0.47" x 0.79" (W x H), which is horizontal bending with radius of 150mm / 5.9".  
 -Thanks to full Polyurethane coating, it is IP68 protected, UV resistant, solvents resistant and saltwater temporary immersion.  
 -ONE BIN only and dot free lighting effect guarantee the most excellent performance for indoor & outdoor applications.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>a,min</sub> =-25°C /-13°F; T <sub>a,max</sub> =35°C /95°F@15W T <sub>a,max</sub> =50°C /122°F@3.75W(Single Color)
Power(W/m W/ft)	15/4.6
Efficacy(lm/W)	28.6



CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
R	52	3.75W/M	5M	71.43mm
G	155	3.75W/M	5M	71.43mm
B	36	3.75W/M	5M	71.43mm
W27	206	3.75W/M	5M	71.43mm
W30	198	3.75W/M	5M	71.43mm
W40	209	3.75W/M	5M	71.43mm
W65	202	3.75W/M	5M	71.43mm
RGBW40	429	15W/M	5M	71.43mm

### Note:

- The product delivery length is 5M/reel maximum. Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the strip (after coating) color temperature.



**ONE BIN ONLY**

**UV PROTECTED**

**WATERPROOF IP68**

**L80 30000H**

**SALTWATER RESISTANT**

**TEMPORARY IMMERSION**

**RESISTANT TO SOLVENTS**

**TEMPORARY IMMERSION**

**ONE BIN ONLY**

Color consistency Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
LFS RGBW	27=2700K	5000=5M/196.85'	015=15W	F=FRONT
	30=3000K			S=SIDE
	40=4000K			B=BOTTOM
	65=6500K			

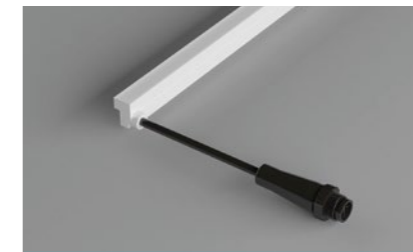
Example:  
 LFS RGBW30-1500-015-S:  
 LEDLINE FLEX SIDE RGBW3000K,  
 1.5M/reel, 15W/M, Side cable entry.

- 1.The product can be cut ONCE only and finish with end cap & glue, then IP rating drops to IP67.
- 2.Please make the cable connection out of water for underwater installation. It is 3 years warranty for underwater applications.
- 3.Standard cable length is 30cm, if you need cable longer than 30cm, please use our extension connector with 1m or 5m cable.
- 4.It is IK08 rated.

## VARIOUS CONNECTIONS



**Front Cable Entry**  
 The cable could be hidden in all directions by the flexible design.

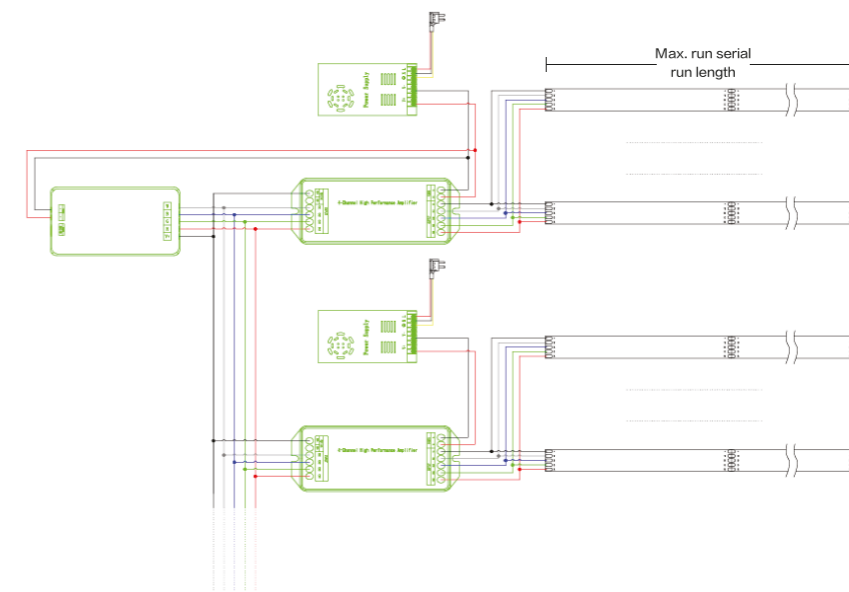


**Side Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.



**Bottom Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

15W/M - 5M Max. Single Run Length;  
 The Strip is 5m/reel at most.

-Please contact us if >150W power supply is needed.

## ACCESSORIES



Aluminium Profile  
Order Code: AC012-AP  
Dimension: 1000x14.4x21.4mm/39.37"x0.57"x0.84"(LxWxH)  
Material: aluminium  
Color: silver



IP68 Connector - RGBW  
Order Code: AD001-5  
Wire gauge: 1.0mm<sup>2</sup>/18AWG  
Protection: IP68(Mated)  
Mechanical operation: > 500 mating cycles  
Contact: brass, gold plating  
Material of housing: PA



Curved Profile  
Order Code: AC012-CR  
Dimension: 500x26.4x18mm/19.68"x1.04"x0.71"(LxWxH)  
Material: stainless steel  
Color: silver



IP68 Extension Connector - RGBW  
Order Code: AD005-5-1M  
Description: IP68 Male and Female connector with 1M cable  
Wire gauge: 1mm<sup>2</sup>/18AWG  
Material of housing: PA



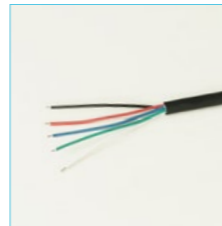
Mounting Clips  
Order Code: AC009-SET  
Dimension: 15x13.8x12.8mm/0.59"x0.54"x0.5"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter of LED strip needs 3 clips + 3 screws + 2 end caps



IP68 Extension Connector - RGBW  
Order Code: AD005-5-5M  
Description: IP68 Male and Female connector with 5M cable  
Wire gauge: 1mm<sup>2</sup>/18AWG  
Material of housing: PA



Holding Clips  
Order Code: AC009-HC  
Dimension: 30.6x10x22.5mm/1.2"x0.39"x0.89"(LxWxH)  
Material: silicone  
Color: opal  
Each meter of LED strip needs 3 clips + 6 screws



Black Round PU Cable - RGBW  
Order Code: AC098-4  
Wire gauge: 1mm<sup>2</sup>/18AWG  
MOQ: 100M/Roll

## CONTROLLER & DRIVER



Order code: M4+M4-3A  
RF Controller 288W  
DC24V, 3A\*4Channel, Max 12A  
IP20, Support remote control



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

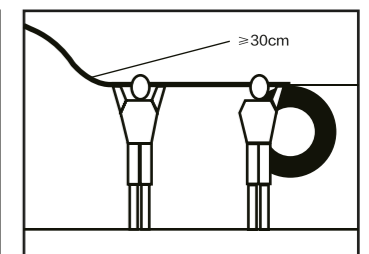
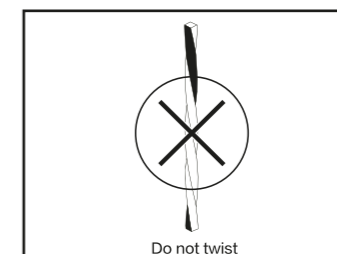
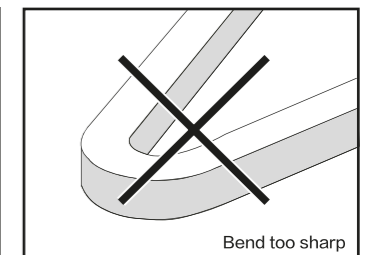
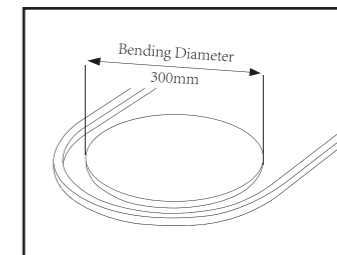
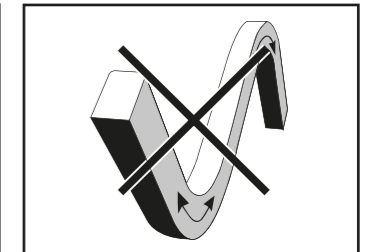
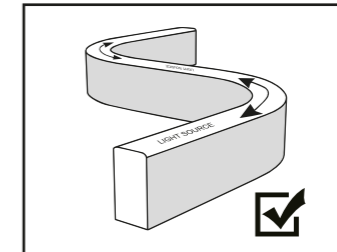


## APPLICATION

- ▶ Protected against water, dirt and corrosion and its high quality will last a lifetime.
- ▶ Designed for professional outdoor lighting they are an ideal match for all high-quality applications.
- ▶ Facade lighting, yacht lighting and landscape lighting.

## ADDITIONAL INFO.

- ▶ Please light it up for a quick check before installation.
- ▶ Bending diameter of LEDLINE FLEX SIDE is 300mm, do not bend to top direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 3 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.





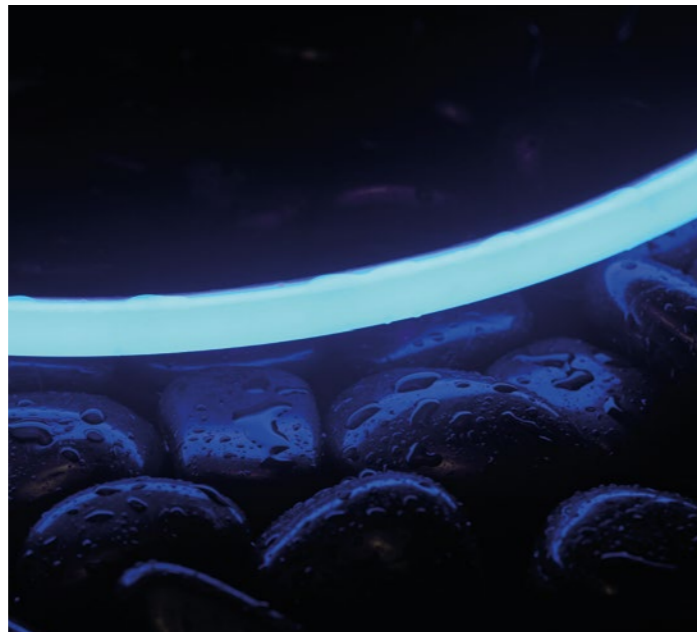
## LEDLINE FLEX MINI

### Application Breakthrough

LEDLINE FLEX MINI is all-in-one final solution for dot-free linear light.

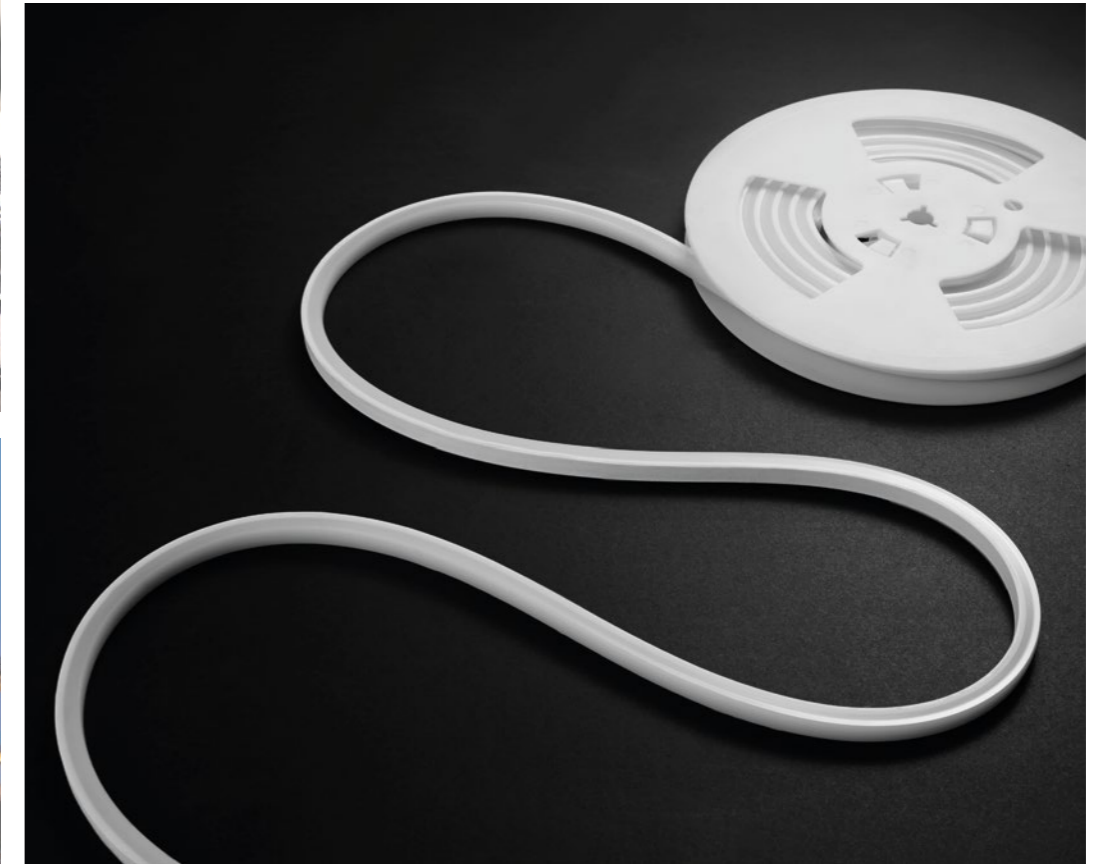
LEDLINE FLEX MINI = Homogeneous light

It's time to say goodbye to traditional combination - Aluminium profile + IP20 strips + PC cover.



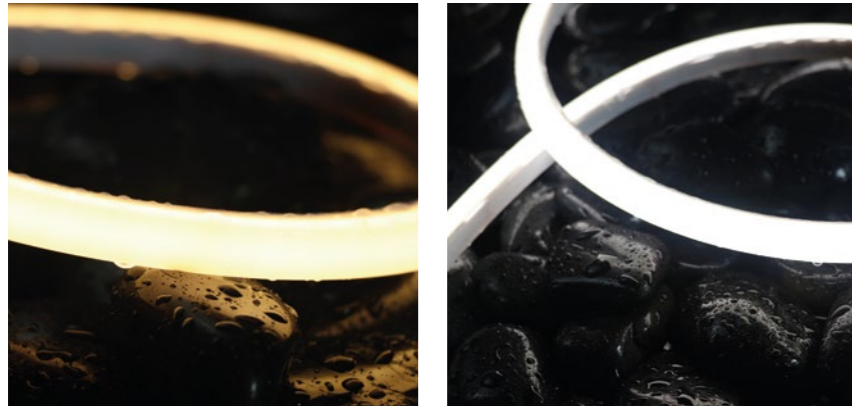
Unique 3-side emitting and small bending diameter make your project easy and pleasurable. It is user-friendly, cost-effective and no maintenance required.

Cooperating with different accessories, LEDLINE FLEX MINI could adjust itself to meet multifarious applications.



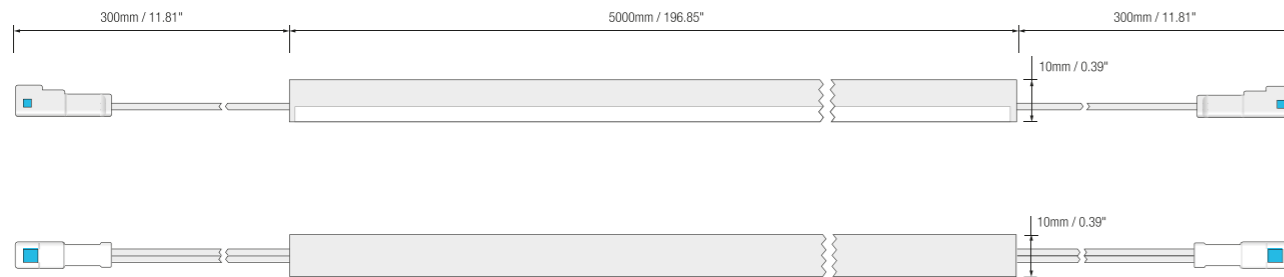
LEDLINE FLEX MINI is IP68, durable, waterproof, saltwater resistant and no chemical reaction, no smelling, no yellowish feature, which could perfectly be used in bedroom, bathroom, living room, kitchen, etc.

# LEDLINE FLEX MINI WHT



-LEDLINE FLEX MINI WHT, DC24V. Cross section size 10mm x 10mm / 0.39" x 0.39" (W x H), 3 side emitting, which is vertical bending with radius of 75mm / 2.95".  
 -Thanks to full Polyurethane coating, it is IP68 protected, UV resistant, solvents resistant and saltwater temporary immersion.  
 -2-Step MacAdam bin and dot free lighting effect guarantee the most excellent performance for indoor & outdoor applications.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> =-25°C /-13°F, Ta <sub>max</sub> (Table below)
CRI	Ra92

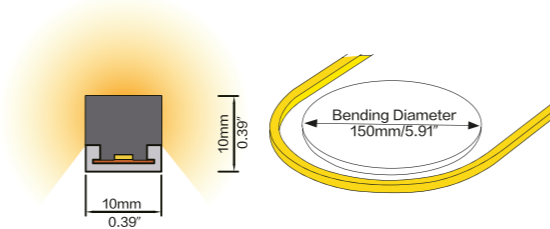
Ledline Flex Mini	Low output	STD output
Power(W/m W/ft)	5/1.5	10/3.1
Efficacy(lm/W) @4000K	81.2	78.9
Max. Ambient tempt.(Ta <sub>max</sub> )	50°C /122°F	45°C /113°F

(Lm/m)

CCT \ Power	2700K	3000K	3500K	4000K	6000K	Max. Run Length	Unit Cut
5W/M	336	346	337	406	376	19M	41.67mm
*10W/M	715	788	784	789	749	12M	41.67mm

Note:

- When ambient temperature reaches 50°C, the power is suggested to be 5W/M.
- The product delivery length is 5M/reel maximum. Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the strip (after coating) color temperature.



2 STEP

UV PROTECTED

WATERPROOF IP68

L70B10 > 54000H

LUMILEDS

SALTWATER RESISTANT

TEMPORARY IMMERSION

RESISTANT TO SOLVENTS

TEMPORARY IMMERSION

**ONE BIN ONLY**

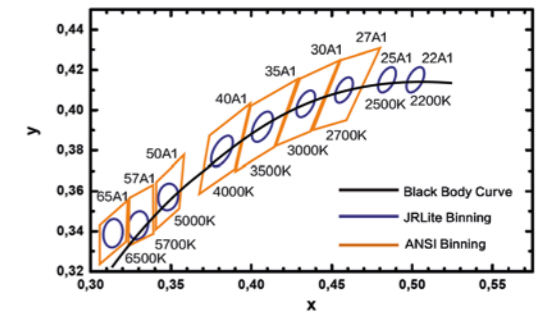
Color consistency Today and tomorrow

## ORDER CODE

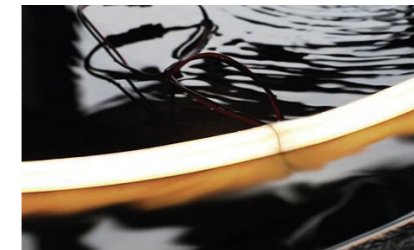
SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
LFM WHT	27=2700K	5000=5M/196.85'	005=5W	F=FRONT
	30=3000K		010=10W	
	35=3500K			
	40=4000K			
	60=6000K			

Example:  
 LFM WHT-30-1500-010-F  
 LEDLINE FLEX MINI WHT, 3000K, 1.5M/reel, 10W/M, Front cable entry.

- 1.The product can be cut ONCE only and finish with end cap & glue, then IP rating drops to IP67.
- 2.Please make the cable connection out of water for underwater installation. It is 3 years warranty for underwater applications.
- 3.Standard length for JST connector is 30cm, if you need cable length longer than 30cm, please choose open cable way.
- 4.The product is no IK-Rated, please don't walk on it without protection.



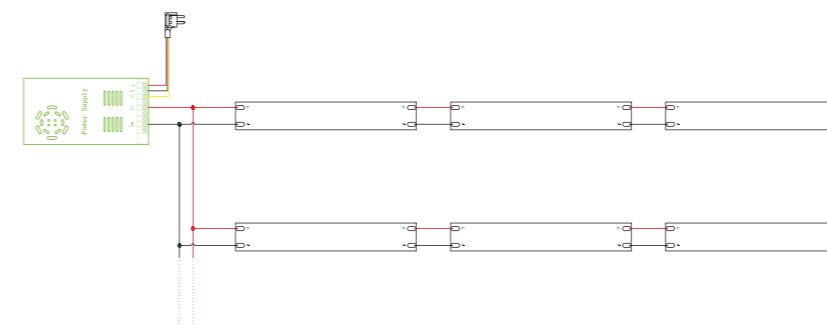
## CONNECTION



-The connection for LEDLINE FLEX MINI is only front cable entry available due to its tiny size & "all in one" production technology.

-If you still need bottom or side cable entry way, you can consider our LEDLINE ASTON 1212 IP67 neon version- LEDLINE ASTON 1212(Pls find page250-page253).

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

5W/M - 19M Max. Single Run Length;  
 10W/M - 12M Max. Single Run Length;  
 The Strip is 5m/reel at most.

-Please contact us if >150W power supply is needed.

-Please contact us if you need dimmable function.

## ACCESSORIES



Aluminium Profile  
Order Code: AC010-AP  
Dimension: 1000x12.4x12.9mm/39.37"x0.49"x0.51"(LxWxH)  
Material: aluminium  
Color: silver



IP67 Connector 2Pin  
Order code: AD002-2  
Wire gauge: 0.33mm<sup>2</sup>/22AWG  
Protection: IP67(Mated)



PC Profile  
Order Code: AC010-PC  
Dimension: 1000x12.5x14.6mm/39.37"x0.49"x0.57"(LxWxH)  
Material: polycarbonate  
Color: transparent



White Flat PU Cable-WHT  
Order code: AC009-2  
Wire gauge: 0.52mm<sup>2</sup>/20AWG  
MOQ: 100M/Roll



Mounting Clips  
Order Code: AC005-SET  
Dimension: 8x12.1x7.7mm/0.31"x0.48"x0.3"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter of LED strip needs 3 clips + 3 screws + 2 end caps



3M VHB Tape  
Order code: AE004-VHB  
Width: 10mm  
Length: 33 meters/reel



Holding Clips  
Order Code: AC005-HC  
Dimension: 28.6x10x12.5mm/1.13"x0.39"x0.49"(LxWxH)  
Material: silicone  
Color: opal  
Each meter of LED strip needs 3 clips + 6 screws

## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

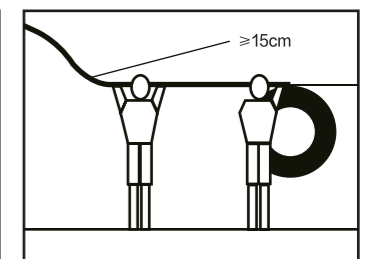
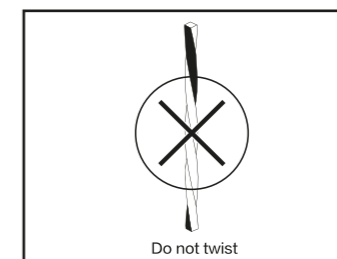
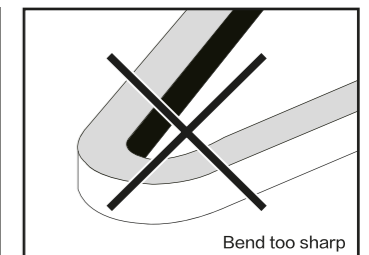
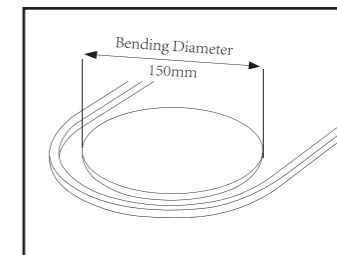
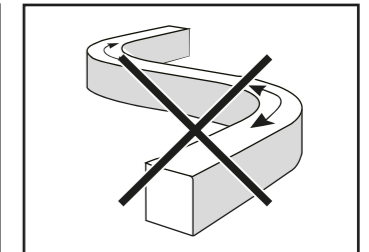
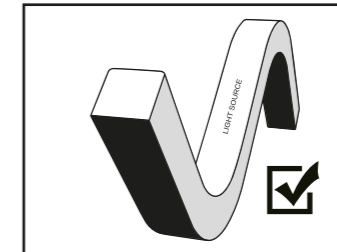


## APPLICATION

- ▶ IP68 protection with full Polyurethane encapsulation. With PC profile, perfect for underwater applications like swimming pools.
- ▶ Ideal for marine lighting, yacht lighting, cabin lighting.
- ▶ Grand hotel, apartment, lobby hall.
- ▶ Fits for shopping mall, flagship store, restaurant.

## ADDITIONAL INFO.

- ▶ Please light it up for a quick check before installation.
- ▶ Bending diameter of LEDLINE FLEX MINI is 150mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

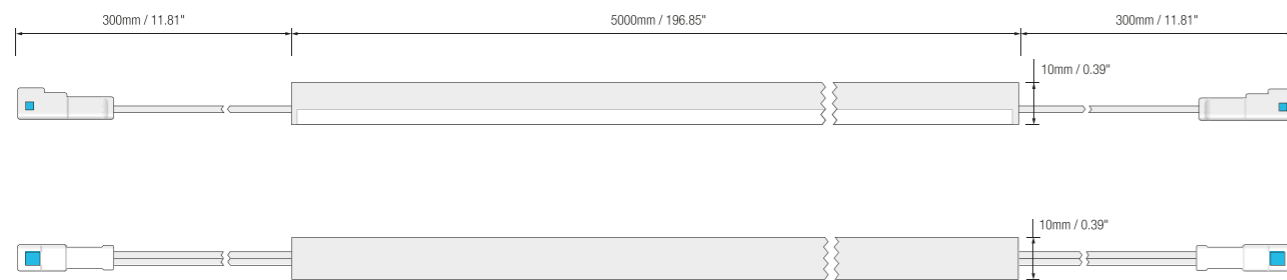


# LEDLINE FLEX MINI IQ



-LEDLINE FLEX MINI IQ, DC24V. Cross section size 10mm x 10mm / 0.39" x 0.39" (W x H), 3 side emitting, which is vertical bending with radius of 75mm / 2.95".  
 -Thanks to full Polyurethane coating, it is IP68 protected, UV resistant, solvents resistant and saltwater temporary immersion.  
 -3-Step MacAdam bin and dot free lighting effect guarantee the most excellent performance for indoor & outdoor applications.

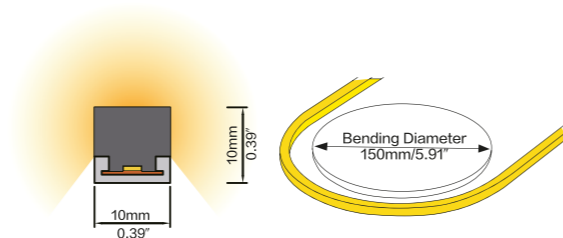
## DIMENSION



Electrical data	
Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> ; 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>a</sub> <sub>min</sub> =-25°C /-13°F; T <sub>a</sub> <sub>max</sub> =45°C /113°F@10W T <sub>a</sub> <sub>max</sub> =50°C /122°F@5W(Single Color)
CRI	Ra92
Power(W/m W/ft)	10/3.1
Efficacy(lm/W) @6000K	80

CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
2700K	432	5W/M	5M	50mm
6000K	462	5W/M	5M	50mm
2700K+6000K	886	10W/M	5M	50mm

Note:  
 -The product delivery length is 5M/reel maximum. Max. run length refers to single side feed in serial connection.  
 -The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.  
 -The given color temperature is the strip (after coating) color temperature.



3 STEP

UV PROTECTED

WATERPROOF IP68

L70B10 > 54000H  
LUMILEDS

SALTWATER RESISTANT  
TEMPORARY IMMERSION

RESISTANT TO SOLVENTS  
TEMPORARY IMMERSION

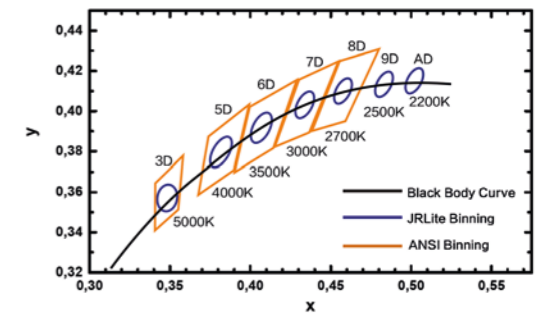
**ONE BIN ONLY**  
Color consistency Today and tomorrow

## ORDER CODE

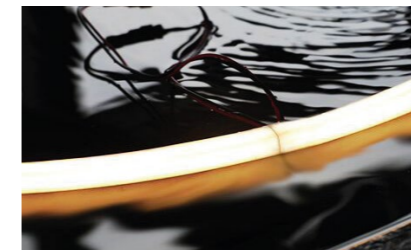
SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
LFM IQ	2760=2700+6000K	5000=5M/196.85"	010=10W	F=FRONT

Example:  
 LFM 2760-1500-010-F  
 LEDLINE FLEX MINI Tunable white, 2700K+6000K, 1.5M/reel, 10W/M, Front cable entry.

- The product can be cut ONCE only and finish with end cap & glue, then IP rating drops to IP67.
- Please make the cable connection out of water for underwater installation. It is 3 years warranty for underwater applications.
- Standard length for JST connector is 30cm, if you need cable length longer than 30cm, please choose open cable way.
- The product is no IK-Rated, please don't walk on it without protection.



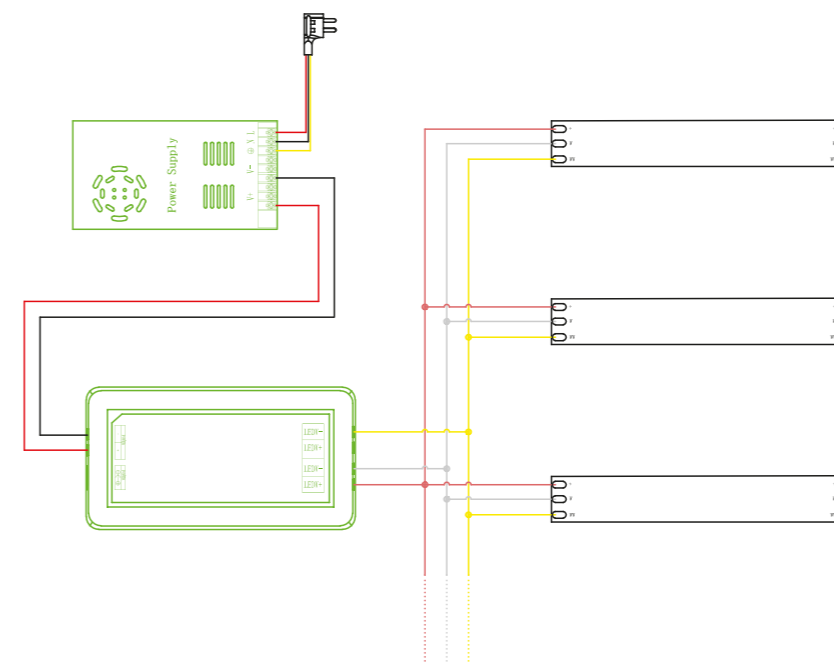
## CONNECTION



-The connection for LEDLINE FLEX MINI is only front cable entry available due to its tiny size & "all in one" production technology.

-If you still need bottom or side cable entry way, you can consider our LEDLINE ASTON 1212 IP67 neon version- LEDLINE ASTON 1212(Pls find page254-page257).

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

5W/M (Single Color) - 5M Max. Single Run Length;  
 10W/M - 5M Max. Single Run Length;  
 The Strip is 5m/reel at most.

-Please contact us if >150W power supply is needed.

## ACCESSORIES



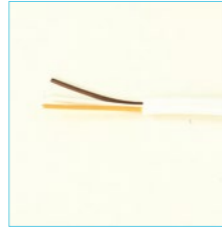
Aluminium Profile  
Order Code: AC010-AP  
Dimension: 1000x12.4x12.9mm/39.37"x0.49"x0.51"(LxWxH)  
Material: aluminium  
Color: silver



IP67 Connector-IQ  
Order Code: AD002-3  
Wire gauge: 0.33mm<sup>2</sup>/22AWG  
Protection: IP67(Mated)



PC Profile  
Order Code: AC010-PC  
Dimension: 1000x12.5x14.6mm/39.37"x0.49"x0.57"(LxWxH)  
Material: polycarbonate  
Color: transparent



White Flat PU Cable-IQ  
Order Code: AC009-3  
Wire gauge: 0.52mm<sup>2</sup>/20AWG  
MOQ: 100M/Roll



Mounting Clips  
Order Code: AC005-SET  
Dimension: 8x12.1x7.7mm/0.31"x0.48"x0.3"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter of LED strip needs 3 clips + 3 screws + 2 end caps



3M VHB Tape  
Order Code: AE004-VHB  
Width: 10mm  
Length: 33 meters/reel



Holding Clips  
Order Code: AC005-HC  
Dimension: 28.6x10x12.5mm/1.13"x0.39"x0.49"(LxWxH)  
Material: silicone  
Color: opal  
Each meter of LED strip needs 3 clips + 6 screws



## CONTROLLER & DRIVER



Order code: M2+M3-3A  
RF Controller 144W  
DC24V, 3A\*2Channel, Max 6A  
IP20, Support remote control



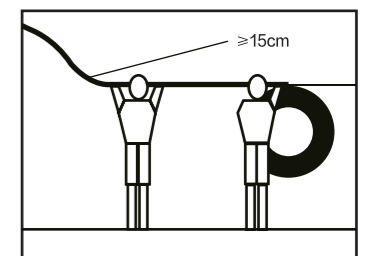
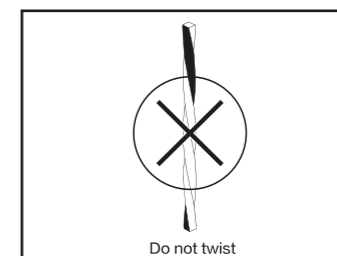
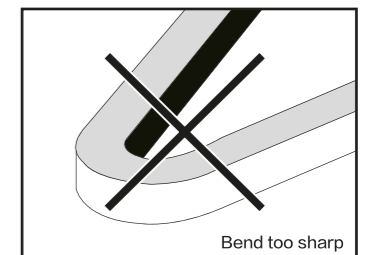
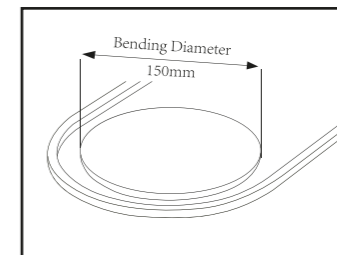
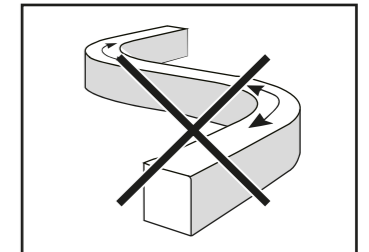
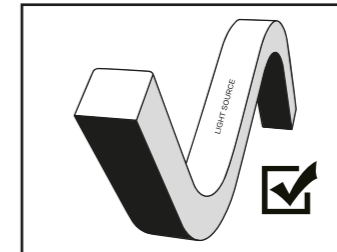
Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.

## APPLICATION

- Designed to create an appropriate atmosphere by the color and light adjustment from 2700K to 6000K.
- Activate harmonious dynamic lighting scenes.
- Living room, coherence room, banquet hall.
- Functional combined solution.

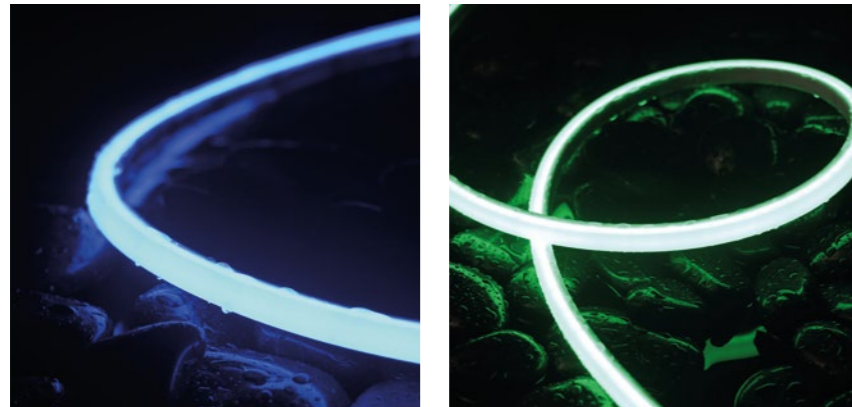
## ADDITIONAL INFO.

- Please light it up for a quick check before installation.
- Bending diameter of LEDLINE FLEX MINI is 150mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.



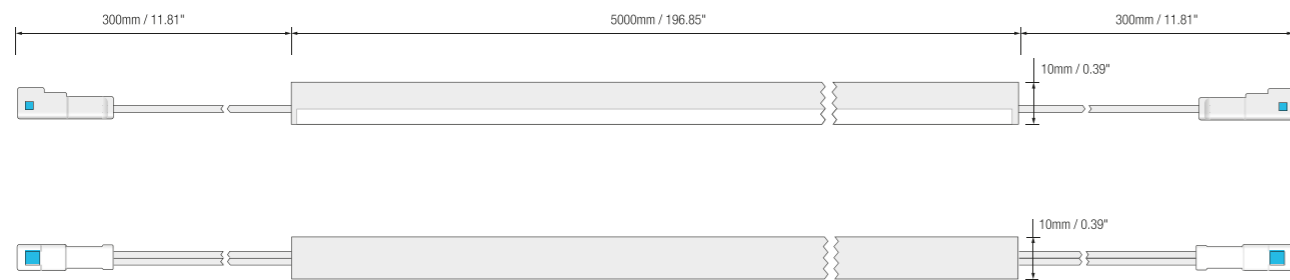


# LEDLINE FLEX MINI RGB



-LEDLINE FLEX MINI RGB, DC24V. Cross section size 10mm x 10mm / 0.39" x 0.39" (W x H), 3 side emitting, which is vertical bending with radius of 75mm / 2.95".  
 -Thanks to full Polyurethane coating, it is IP68 protected, UV resistant, solvents resistant and saltwater temporary immersion.  
 -ONE BIN only and dot free lighting effect guarantee the most excellent performance for indoor & outdoor applications.

## DIMENSION



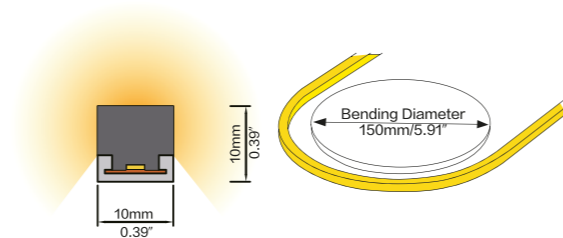
### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>a min</sub> = -25°C /-13°F; T <sub>a max</sub> = 45°C /113°F
Power(W/m W/ft)	10/3.1
Efficacy(lm/W)	39

CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
R	85	3.3W/M	5M	62.5mm
G	256	3.3W/M	5M	62.5mm
B	50	3.3W/M	5M	62.5mm
RGB	390	10W/M	5M	62.5mm

#### Note:

- The product delivery length is 5M/reel maximum. Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the strip (after coating) color temperature.



**ONE BIN ONLY**

**UV PROTECTED**

**WATERPROOF IP68**

**L80 30000H**

**SALTWATER RESISTANT**  
**TEMPORARY IMMERSION**

**RESISTANT TO SOLVENTS**  
**TEMPORARY IMMERSION**



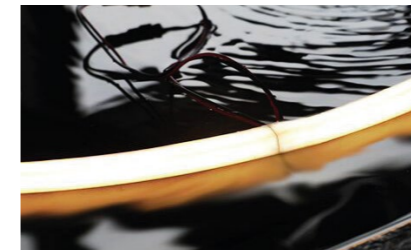
## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
LFM RGB	RGB	5000=5M/196.85"	010=10W	F=FRONT

Example:  
 LFM RGB-1500-010-F  
 LEDLINE FLEX MINI RGB, 1.5M/reel, 10W/M, Front cable entry.

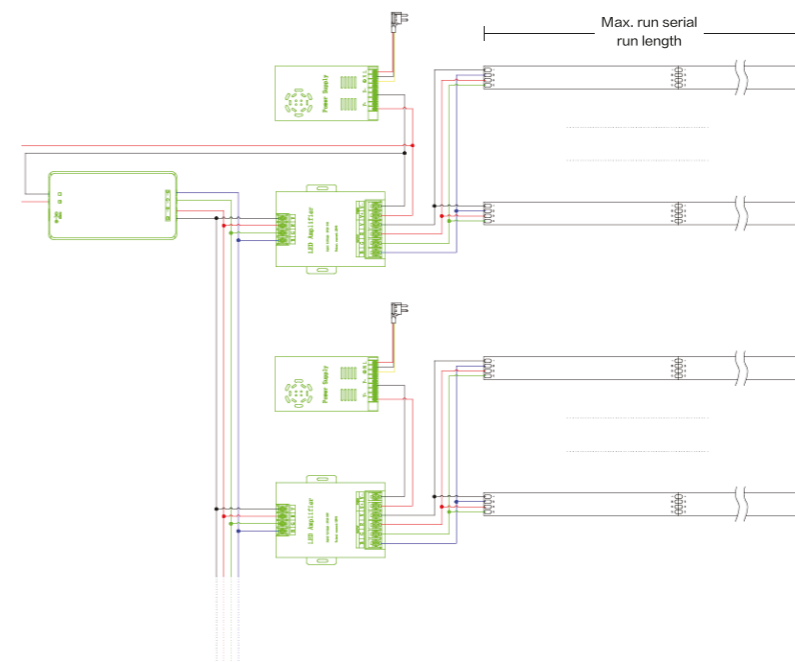
- 1.The product can be cut ONCE only and finish with end cap & glue, then IP rating drops to IP67.
- 2.Please make the cable connection out of water for underwater installation. It is 3 years warranty for underwater applications.
- 3.Standard length for JST connector is 30cm, if you need cable length longer than 30cm, please choose open cable way.
- 4.The product is no IK-Rated, please don't walk on it without protection.

## CONNECTION



-The connection for LEDLINE FLEX MINI is only front cable entry available due to its tiny size & "all in one" production technology.  
 -If you still need bottom or side cable entry way, you can consider our LEDLINE ASTON 1212 IP67 neon version- LEDLINE ASTON 1212(Pls find page236-page239).

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:  
 10W/M - 5M Max. Single Run Length; The Strip is 5m/reel at most.  
 -Please contact us if >150W power supply is needed.

## ACCESSORIES



Aluminium Profile  
Order Code: AC010-AP  
Dimension: 1000x12.4x12.9mm/39.37"x0.49"x0.51"(LxWxH)  
Material: aluminium  
Color: silver



IP67 Connector-RGB  
Order Code: AD002-4  
Wire gauge: 0.33mm<sup>2</sup>/22AWG  
Protection: IP67(Mated)



PC Profile  
Order Code: AC010-PC  
Dimension: 1000x12.5x14.6mm/39.37"x0.49"x0.57"(LxWxH)  
Material: polycarbonate  
Color: transparent



White Flat PU Cable-RGB  
Order Code: AC009-4  
Wire gauge: 0.52mm<sup>2</sup>/20AWG  
MOQ: 100M/Roll



Mounting Clips  
Order Code: AC005-SET  
Dimension: 8x12.1x7.7mm/0.31"x0.48"x0.3"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter of LED strip needs 3 clips + 3 screws + 2 end caps



3M VHB Tape  
Order Code: AE004-VHB  
Width: 10mm  
Length: 33 meters/reel



Holding Clips  
Order Code: AC005-HC  
Dimension: 28.6x10x12.5mm/1.13"x0.39"x0.49"(LxWxH)  
Material: silicone  
Color: opal  
Each meter of LED strip needs 3 clips + 6 screws



DMX  
Order code: AE003-DMX  
Input Signal: DMX512, RDM  
Input Voltage: 12 ~ 24V DC  
Max Current Load: 6A x 3CH Max. 18A  
Max Output Power: (0~72W...144W) x 3CH Max.432W  
DMX512 Socket: RJ45  
Dimension: 175x42x33mm (LxWxH)

## CONTROLLER & DRIVER



Order code: M6+M3-3A  
RF Controller  
DC24V, 3A\*3Channel, Max 9A  
IP20, Support remote control



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc, 10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

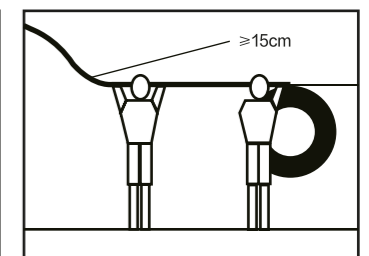
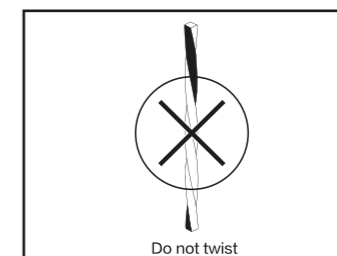
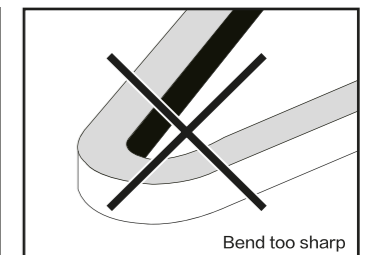
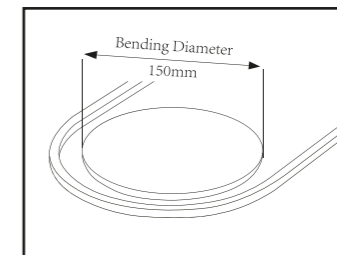
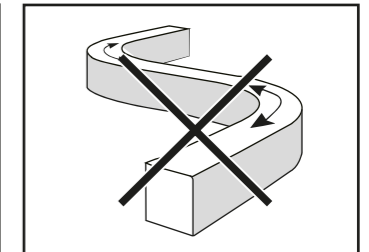
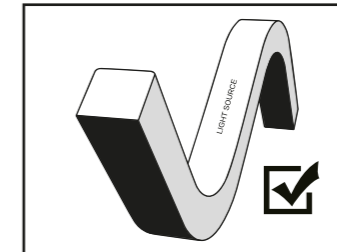


## APPLICATION

- ▶ Colorful lighting for concerts, cinema, kursaal.
- ▶ Theme park, recreation ground, resort, club.
- ▶ Entertaining linear elements.
- ▶ PC profile, aluminium profile and mounting clips are optional for installation.

## ADDITIONAL INFO.

- ▶ Please light it up for a quick check before installation.
- ▶ Bending diameter of LEDLINE FLEX MINI is 150mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 3 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.







WELL  
RECEIVED

## LEAD THE MARKET LEDLINE FLEX MINI

# FOR THOSE WHO KNOWS THE DIFFERENCE ONLY

The 3-side emitting could cover both of your top and side bending demand

**L**istening to the voice of market, we minimize Ledline Flex Mini in size to make it more brisk and flexible. It is lighter, while the light effect is not shrunk. Benefit from its slim size(10mm\*10mm), it is more capable in various application, especially less limit to your bending application.

It is time for revolution. Our Ledline Flex Mini IP68 is a ALL IN ONE solution surpass the traditional combination of aluminium profile +IP20 Led strips without one series of accessories & complicated installation procedures.

How to connect 2 reels without dark zone? The Ledline Flex Mini has one connector option, which is imported slim IP67 connector, could be put into aluminium profile and achieve seamless connection when you hide the wires on the back side.

With impeccable IP68 waterproof rating + slim flexible size, MINI strip can open up more possibilities and help our customers win 80% projects in the competition for its perfect homogeneous 3-side lighting effect.

Slim homogeneous light

Ideal products for high-end projects



## MAKE IT EASY


**3**-side emitting and small bending diameter make your project easy and pleasurable. It is user-friendly, cost-effective and no maintenance required.

Cooperating with different accessories, our Ledline Flex could adjust itself to meet multifarious applications.

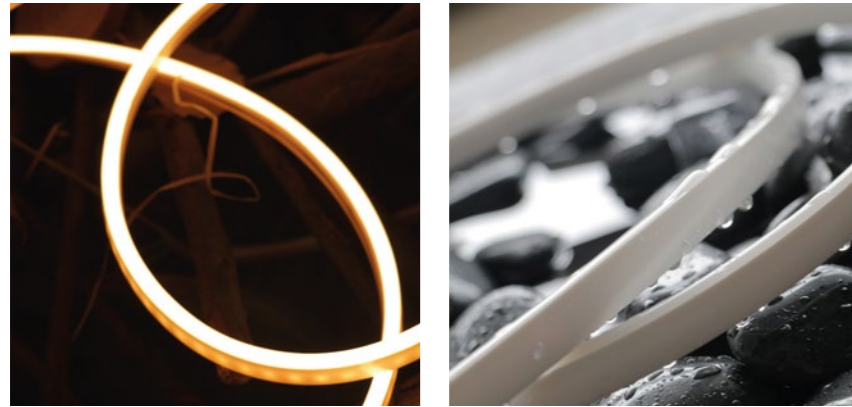
Aluminium profile contributes to straight and diffuse light. Supremely appropriate to outline architecture with elegant lighting atmosphere.

Clips are good at fixing special shape. It is ideally suitable for wonderful design project, such as bars, logo, billboard, countour lighting, facade lighting.

You can also choose to paste it with 3M tape directly when the surface is smooth. As easy as anyone can do.

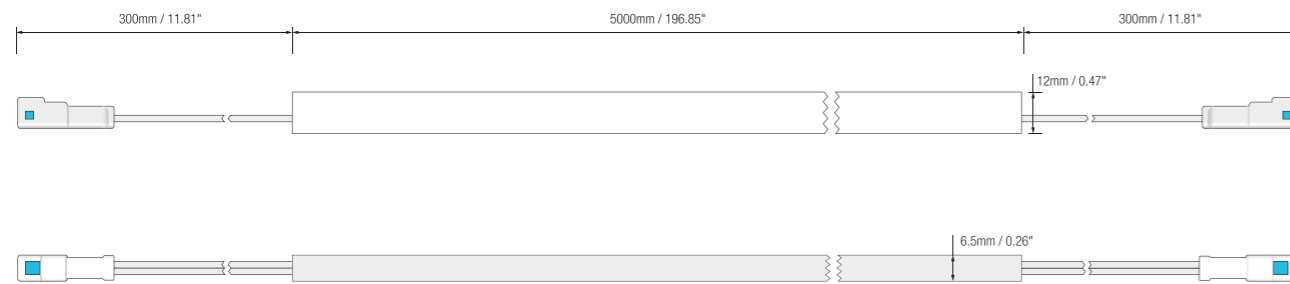


# LEDLINE FLEX SINI WHT



-LEDLINE FLEX SINI WHT, DC24V. Cross section size 6.5mm x 12mm / 0.26" x 0.47" (W x H), which is horizontal bending with radius of 30mm / 1.18".  
 -Thanks to full polyurethane coating, it is IP68 protected, UV resistant, solvents resistant and saltwater temporary immersion.  
 -2-Step MacAdam bin and dot free lighting effect guarantee the most excellent performance for indoor & outdoor applications.

## DIMENSION



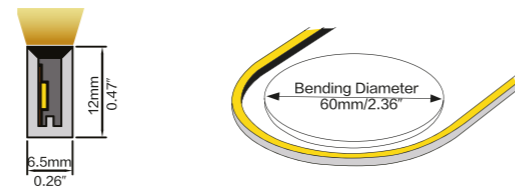
### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> =-25°C /-13°F, Ta <sub>max</sub> (Table below)
CRI	Ra92

Ledline Flex Sini	STD output
Power(W/m W/ft)	8/2.4
Efficacy(lm/W) @4000K	59.6
Max. Ambient tempt.(Ta <sub>max</sub> )	45°C /113°F

(Lm/m)							
CCT	2700K	3000K	3500K	4000K	5700K	Max. Run Length	Unit Cut
Power	*8W/M	448	462	460	477	451	5M
							50mm

Note:  
 -The product delivery length is 5M/reel maximum. Max. run length refers to single side feed in serial connection.  
 -The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.  
 -The given color temperature is the strip (after coating) color temperature.



**2 STEP**

**UV PROTECTED**

**WATERPROOF IP68**

**L70B10 > 54000H**  
**LUMILEDS**

**SALTWATER RESISTANT**  
**TEMPORARY IMMERSION**

**RESISTANT TO SOLVENTS**  
**TEMPORARY IMMERSION**



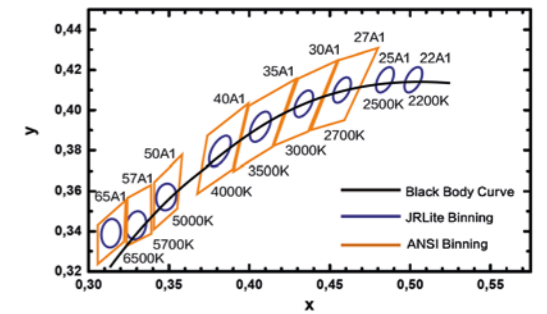
**ONE BIN ONLY**  
 Color consistency  
 Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
LFSM WHT	27=2700K	5000=5M/196.85'	008=8W	F=FRONT
	30=3000K			
	35=3500K			
	40=4000K			
	57=5700K			

Example:  
 LFSM WHT-30-1500-008-F  
 LEDLINE FLEX SINI WHT, 3000K, 1.5M/reel, 8W/M, Front cable entry.

- The product can be cut ONCE only and finish with end cap & glue, then IP rating drops to IP67.
- Please make the cable connection out of water for underwater installation. It is 3 years warranty for underwater applications.
- Standard length for JST connector is 30cm, if you need cable length longer than 30cm, please choose open cable way.
- The product is no IK-Rated, please don't walk on it without protection.

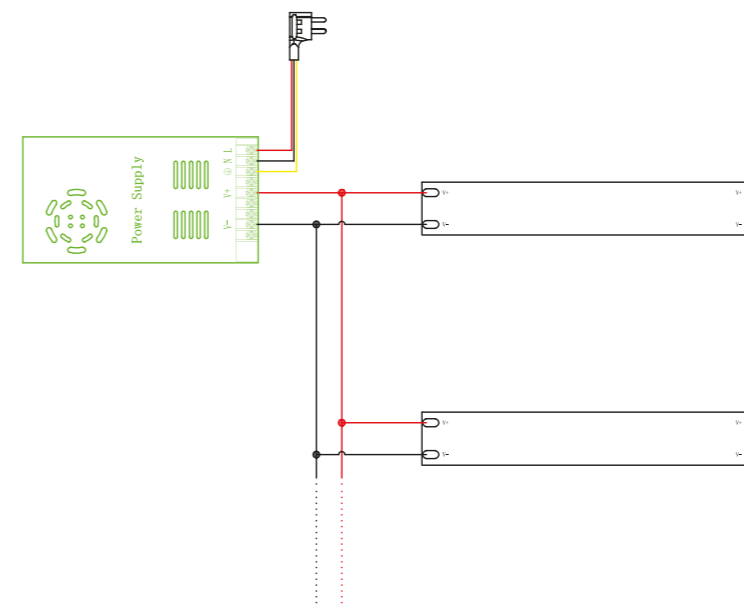


## CONNECTION



-The connection for LEDLINE FLEX SINI is only front cable entry available due to its tiny size & "all in one" production technology.  
 -If you still need bottom or side cable entry way, you can consider our LEDLINE ASTON 0612 IP67 neon version- LEDLINE ASTON 0612 (Pls find page240-page243).

## WIRING DIAGRAM

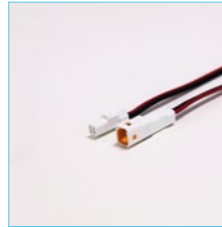


-Maximum single run length depends on the wattage of power supply and LED Strip:  
 8W/M - 5M Max. Single Run Length;  
 The Strip is 5m/reel at most.  
 -Please contact us if >150W power supply is needed.

## ACCESSORIES



Aluminium Profile  
Order Code: AC028-AP  
Dimension: 1000x8.9x13.2mm/  
39.37"x0.35"x0.52"(LxWxH)  
Material: aluminium  
Color: silver



IP67 Connector -WHT  
Order Code: AD003-2  
Wire gauge: 0.33mm<sup>2</sup>/22AWG  
Protection: IP67(Mated)



Curved Profile  
Order Code: AC028-CR  
Dimension: 500x20.5x12mm/  
9.37"x0.81"x0.47"(LxWxH)  
Material: stainless steel  
Color: silver



Mounting Clips  
Order Code: AC029-SET  
Dimension: 15x8.1x10.3mm/  
0.59"x0.32"x0.41"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter of LED strip needs  
3 clips + 3 screws + 2 end caps



## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



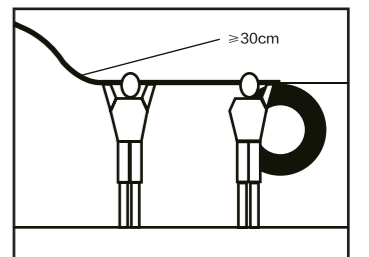
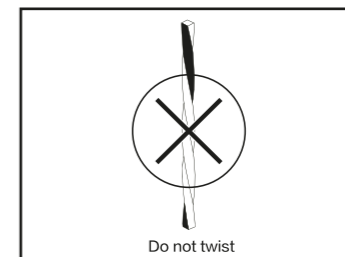
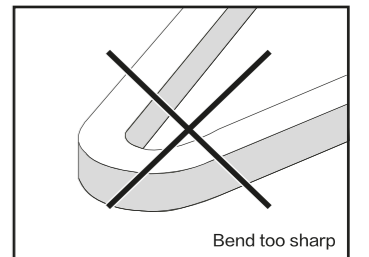
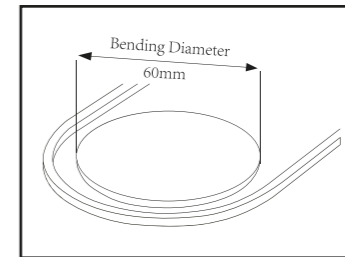
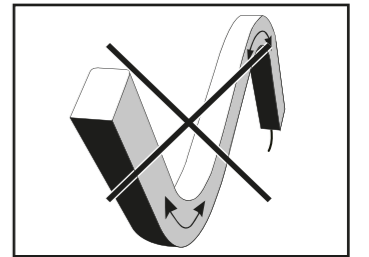
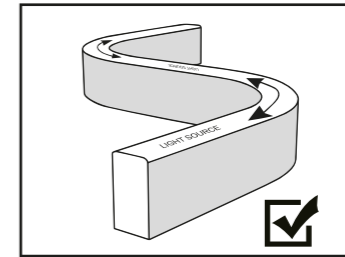
Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## APPLICATION

- ▶ IP68 protection with full Polyurethane encapsulation. With Curved profile, perfect for shaped designs for projects.
- ▶ Ideal for marine lighting, yacht lighting, cabin lighting.
- ▶ Grand hotel, apartment, lobby hall.
- ▶ Fits for shopping mall, flagship store, restaurant.

## ADDITIONAL INFO.

- ▶ Please light it up for a quick check before installation.
- ▶ Bending diameter of LEDLINE FLEX SINI is 60mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

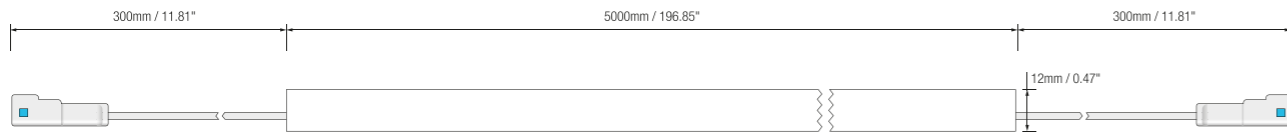


# LEDLINE FLEX SINI IQ



-LEDLINE FLEX SINI IQ, DC24V. Cross section size 6.5mm x 12mm / 0.26" x 0.47" (W x H), which is horizontal bending with radius of 30mm / 1.18".  
 -Thanks to full Polyurethane coating, it is IP68 protected, UV resistant, solvents resistant and saltwater temporary immersion.  
 -3-Step MacAdam bin and dot free lighting effect guarantee the most excellent performance for indoor & outdoor applications.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> ; 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>a,min</sub> =-25°C /-13°F; T <sub>a,max</sub> =45°C /113°F@8W T <sub>a,max</sub> =50°C /122°F@4W(Single Color)
CRI	Ra80
Power(W/m W/ft)	8/2.4
Efficacy(lm/W) @5700K	40.75



CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
2700K	162	4W/M	5M	50mm
5700K	163	4W/M	5M	50mm
2700K+5700K	323	8W/M	5M	50mm

### Note:

- The product delivery length is 5M/reel maximum. Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the strip (after coating) color temperature.

**3 STEP**

**UV PROTECTED**

**WATERPROOF IP68**

**L70B10 > 54000H**  
**LUMILEDS**

**SALTWATER RESISTANT**  
**TEMPORARY IMMERSION**

**RESISTANT TO SOLVENTS**  
**TEMPORARY IMMERSION**



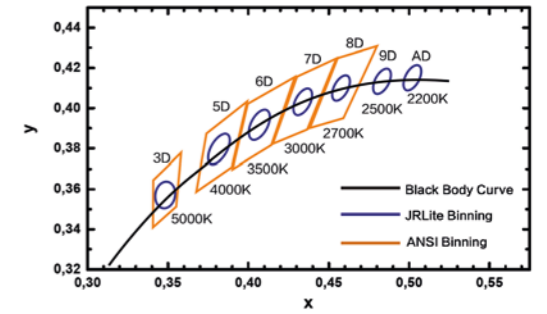
**ONE BIN ONLY**  
 Color consistency  
 Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
LFSM IQ	2757=2700+5700K	5000=5M/196.85"	008=8W	F=FRONT

Example:  
 LFM 2757-1500-008-F  
 LEDLINE FLEX SINI Tunable white, 2700K+5700K, 1.5M/reel, 8W/M, Front cable entry.

- 1.The product can be cut ONCE only and finish with end cap & glue, then IP rating drops to IP67.
- 2.Please make the cable connection out of water for underwater installation. It is 3 years warranty for underwater applications.
- 3.Standard length for JST connector is 30cm, if you need cable length longer than 30cm, please choose open cable way.
- 4.The product is no IK-Rated, please don't walk on it without protection.

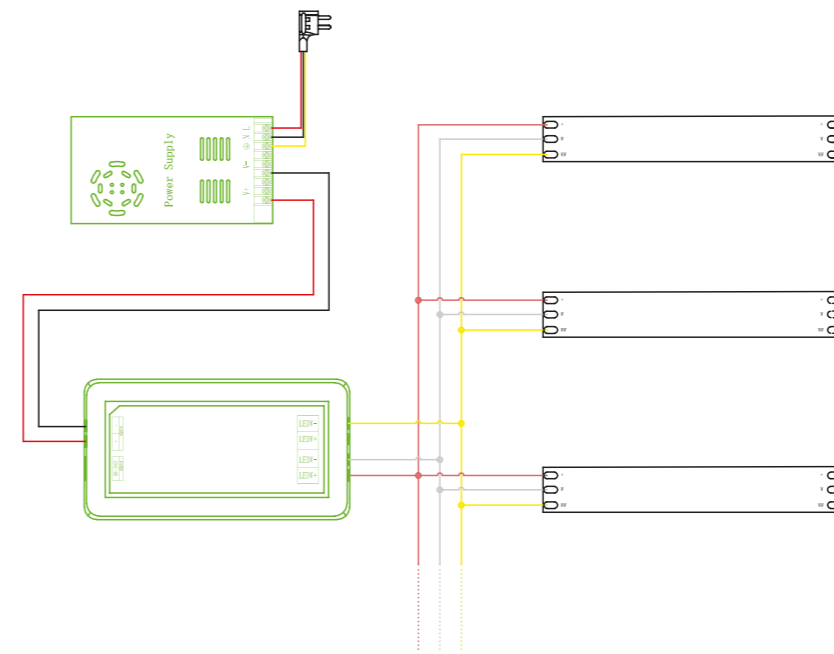


## CONNECTION



-The connection for LEDLINE FLEX SINI is only front cable entry available due to its tiny size & "all in one" production technology.  
 -If you still need bottom or side cable entry way, you can consider our LEDLINE ASTON 0612 IP67 neon version- LEDLINE ASTON 0612 (Pls find page244-page247).

## WIRING DIAGRAM

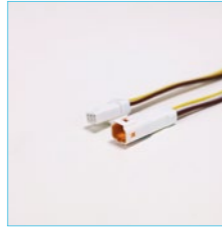


-Maximum single run length depends on the wattage of power supply and LED Strip:  
 4W/M (Single Color) - 5M Max. Single Run Length;  
 8W/M - 5M Max. Single Run Length;  
 The Strip is 5m/reel at most.  
 -Please contact us if >150W power supply is needed.

## ACCESSORIES



Aluminium Profile  
Order Code: AC028-AP  
Dimension: 1000x8.9x13.2mm/  
39.37"x0.35"x0.52"(LxWxH)  
Material: aluminium  
Color: silver



IP67 Connector -IQ  
Order Code: AD003-3  
Wire gauge: 0.33mm<sup>2</sup>/22AWG  
Protection: IP67(Mated)



Curved Profile  
Order Code: AC028-CR  
Dimension: 500x20.5x12mm/  
9.37"x0.81"x0.47"(LxWxH)  
Material: stainless steel  
Color: silver



Mounting Clips  
Order Code: AC029-SET  
Dimension: 15x8.1x10.3mm/  
0.59"x0.32"x0.41"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter of LED strip needs  
3 clips + 3 screws + 2 end caps



## CONTROLLER & DRIVER



Order code: M2+M3-3A  
RF Controller  
DC24V, 3A\*2Channel, Max 6A  
IP20, Support remote control



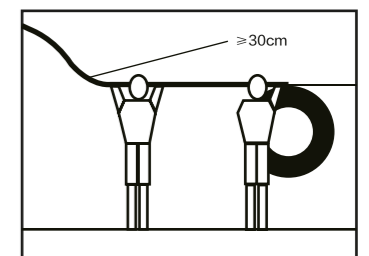
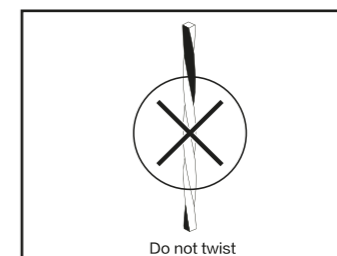
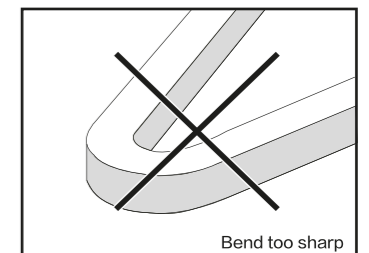
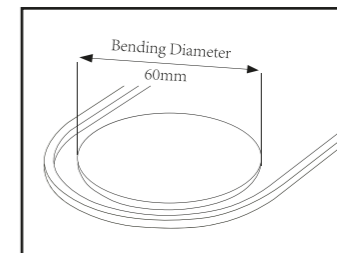
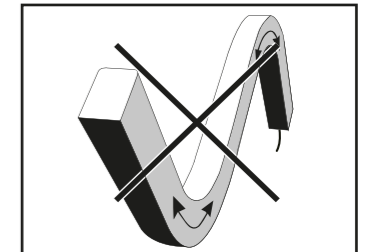
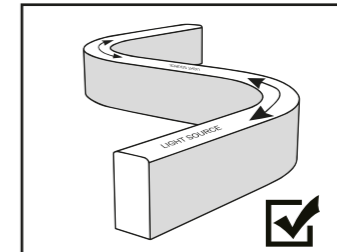
Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.

## APPLICATION

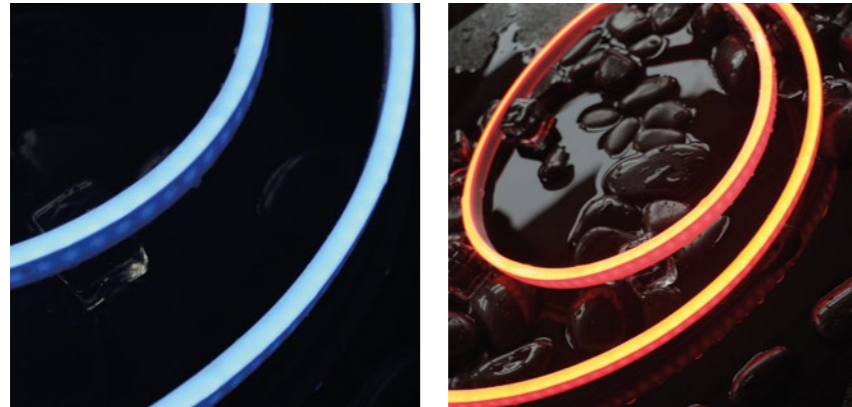
- ▶ Designed to create an appropriate atmosphere by the color and light adjustment from 2700K to 5700K.
- ▶ Activate harmonious dynamic lighting scenes.
- ▶ Living room, coherence room, banquet hall.
- ▶ Functional combined solution.

## ADDITIONAL INFO.

- ▶ Please light it up for a quick check before installation.
- ▶ Bending diameter of LEDLINE FLEX SINI is 60mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

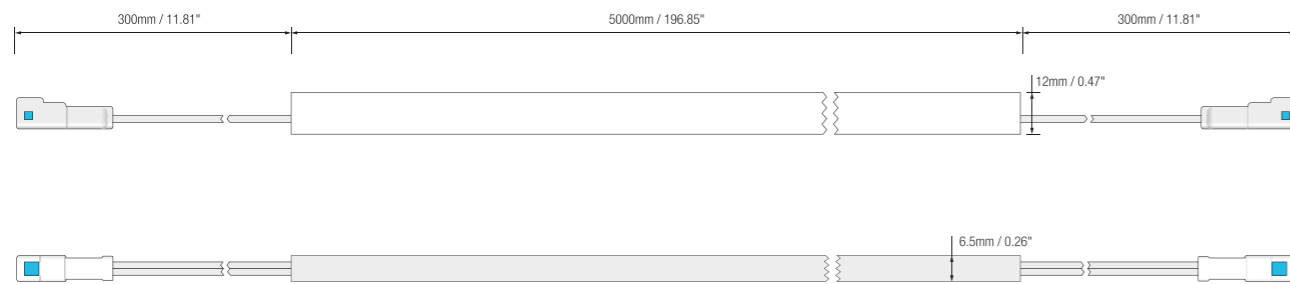


# LEDLINE FLEX SINI RGB



-LEDLINE FLEX SINI RGB, DC24V. Cross section size 6.5mm x 12mm / 0.26" x 0.47" (W x H), which is horizontal bending with radius of 30mm / 1.18".  
 -Thanks to full Polyurethane coating, it is IP68 protected, UV resistant, solvents resistant and saltwater temporary immersion.  
 -ONE BIN only and dot free lighting effect guarantee the most excellent performance for indoor & outdoor applications.

## DIMENSION



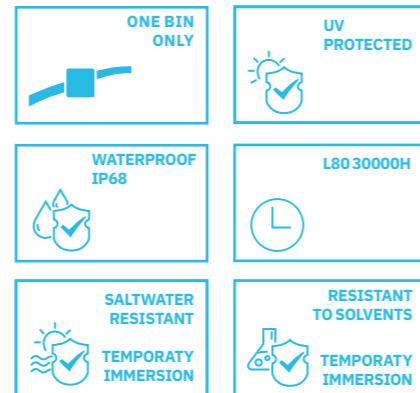
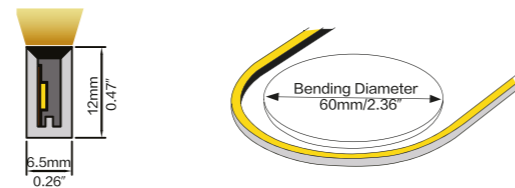
### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>a,min</sub> =-25°C /-13°F; T <sub>a,max</sub> =45°C /113°F
Power(W/m W/ft)	8/2.4
Efficacy(lm/W)	17.8

CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
R	32	2.7W/M	5M	50mm
G	93	2.7W/M	5M	50mm
B	20	2.7W/M	5M	50mm
RGB	142	8W/M	5M	50mm

### Note:

- The product delivery length is 5M/reel maximum. Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the strip (after coating) color temperature.



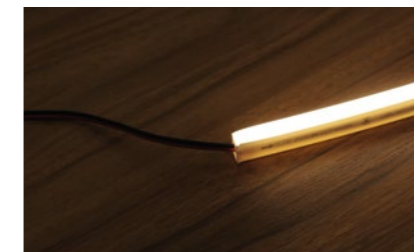
## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
LFSM RGB	RGB	5000=5M/196.85"	008=8W	F=FRONT

Example:  
 LFSM RGB-1500-008-F  
 LEDLINE FLEX SINI RGB, 1.5M/reel, 8W/M, Front cable entry.

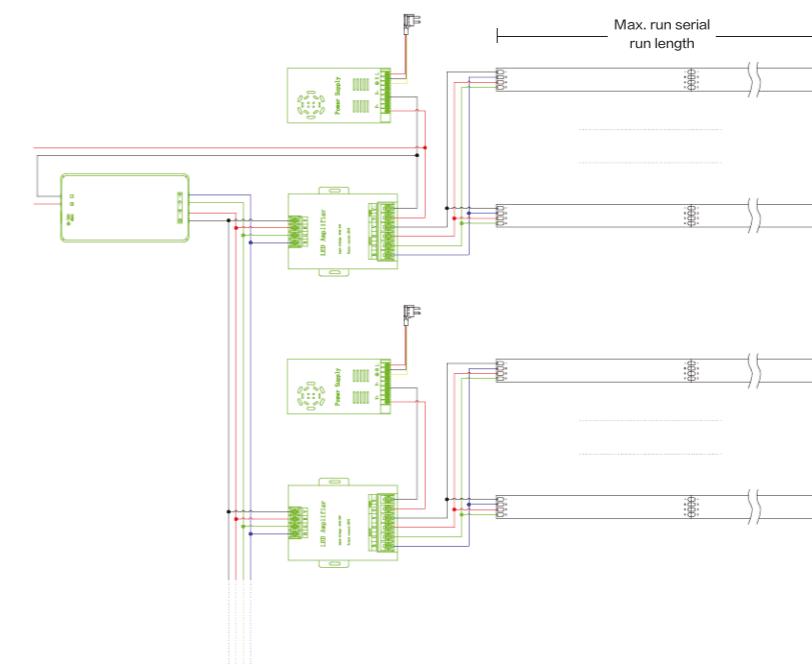
- 1.The product can be cut ONCE only and finish with end cap & glue, then IP rating drops to IP67.
- 2.Please make the cable connection out of water for underwater installation. It is 3 years warranty for underwater applications.
- 3.Standard length for JST connector is 30cm, if you need cable length longer than 30cm, please choose open cable way.
- 4.The product is no IK-Rated, please don't walk on it without protection.

## CONNECTION



-The connection for LEDLINE FLEX SINI is only front cable entry available due to its tiny size & "all in one" production technology.  
 -If you still need bottom or side cable entry way, you can consider our LEDLINE ASTON 0612 IP67 neon version- LEDLINE ASTON 0612 (Pls find page248-page251).

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:  
 8W/M - 5M Max. Single Run Length;  
 The Strip is 5m/reel at most.  
 -Please contact us if >150W power supply is needed.

## ACCESSORIES



Aluminium Profile  
Order Code: AC028-AP  
Dimension: 1000x8.9x13.2mm/  
39.37"x0.35"x0.52"(LxWxH)  
Material: aluminium  
Color: silver



IP67 Connector -RGB  
Order Code: AD003-4  
Wire gauge: 0.33mm<sup>2</sup>/22AWG  
Protection: IP67(Mated)



Curved Profile  
Order Code: AC028-CR  
Dimension: 500x20.5x12mm/  
9.37"x0.81"x0.47"(LxWxH)  
Material: stainless steel  
Color: silver



DMX  
Order code: AE003-DMX  
Input Signal: DMX512, RDM  
Input Voltage: 12 ~ 24V DC  
Max Current Load: 6A × 3CH Max. 18A  
Max Output Power:  
(0~72W...144W) × 3CH Max.432W  
DMX512 Socket: RJ45  
Dimension: 175x42x33mm (LxWxH)



Mounting Clips  
Order Code: AC029-SET  
Dimension: 15x8.1x10.3mm/  
0.59"x0.32"x0.41"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter of LED strip needs 3  
clips + 3 screws + 2 end caps



## CONTROLLER & DRIVER



Order code: M6+M3-3A  
RF Controller  
DC24V, 3A\*3Channel, Max 9A  
IP20, Support remote control



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



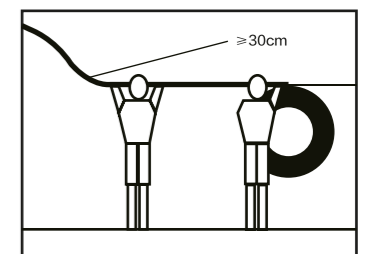
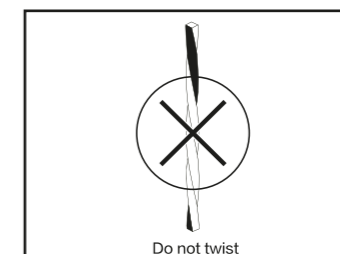
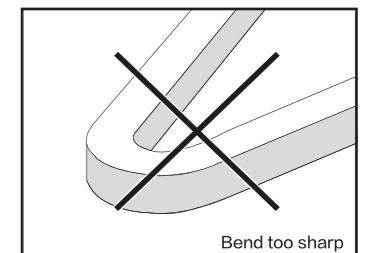
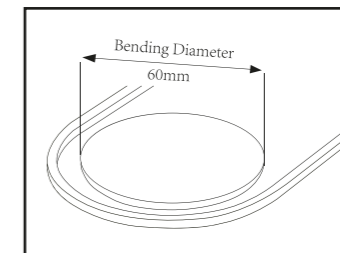
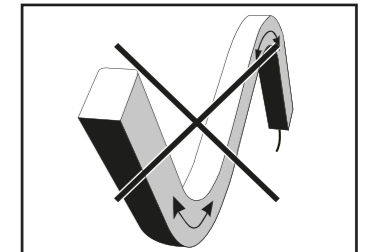
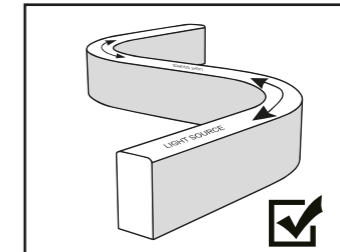
Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## APPLICATION

- Colorful lighting for concerts, cinema, kursaal.
- Theme park, recreation ground, resort, club.
- Entertaining linear elements.
- PC profile, aluminium profile and mounting clips are optional for installation.

## ADDITIONAL INFO.

- Please light it up for a quick check before installation.
- Bending diameter of LEDLINE FLEX SINI is 60mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 3 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.



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## UPDATES

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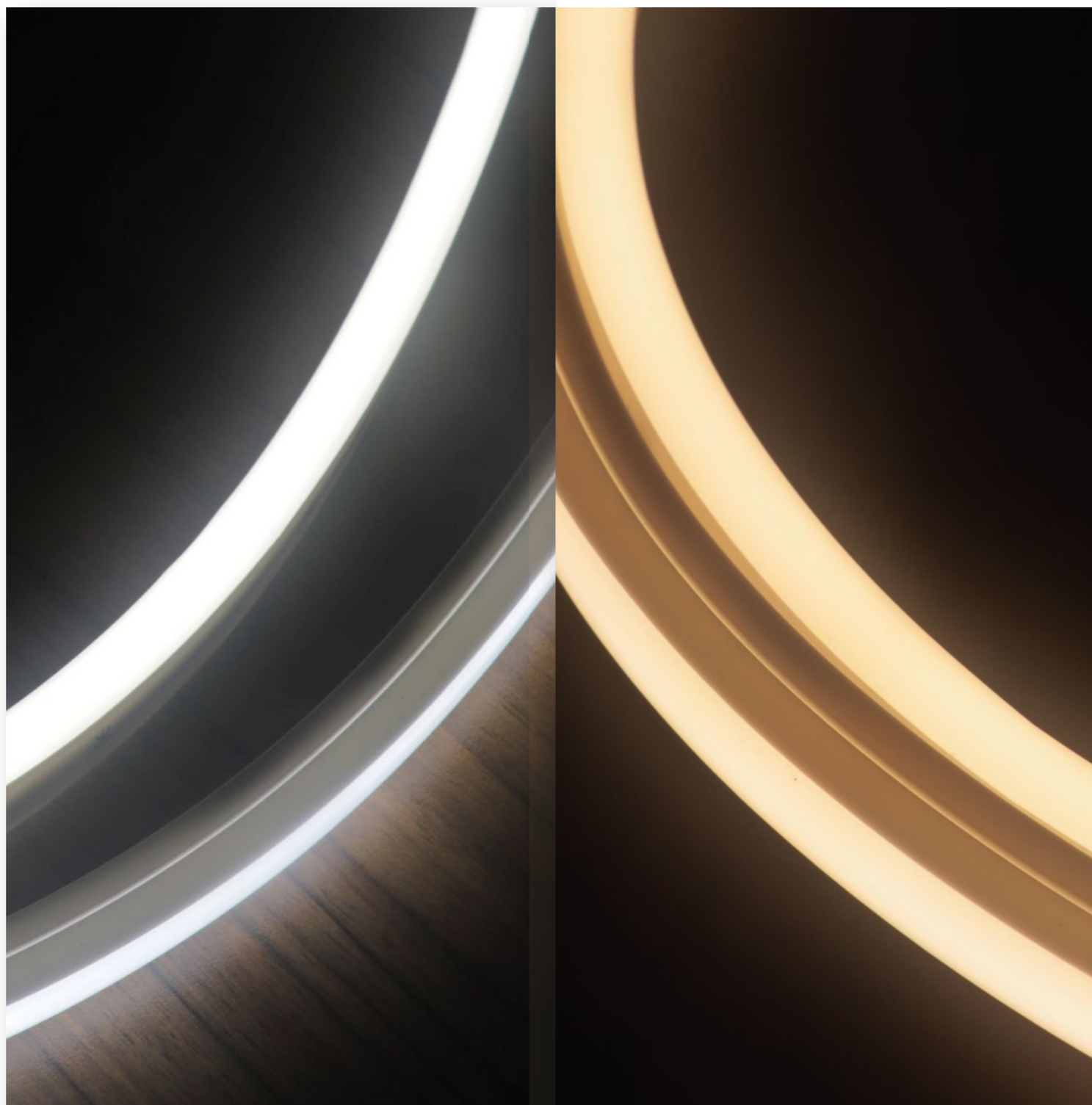
After 10 years traveling on Polyurethane neon flex, we remain true to our original aspiration, and enter silicone neon field without hesitation even for a single second. In expectation, we took it like ducks to water and bring surprises to people. LEDLINE ASTON series was born.

The integrality of the LEDLINE ASTON series is unprecedented that express itself in every ways. Available in White, tunable white, RGB, digital. Various shape includes flat and round, big size and small size. Also there are different bending direction and complete accessories.

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Concentration on neon flex has prevented us from taking many detours and continuously overtaking on the right track.

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## ADVANTAGES

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Flexibility as one of the outstanding features of LEDLINE NEON offers more possibilities for design. Meanwhile, DIY connectors engineered for on-site configuration and assembly makes LEDLINE ASTON the definite solution for architectural lighting.

One bin only per color; 2 step MacAdam and 3 step Macdam for option; Mechanical IP67 waterproof without any glue; Imported advanced silicone material is UV resistant and no yellowish; Max delivery length can be 30 meter per reel by co-extrusion technology;

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LEDLINE ASTON has homogeneous light effect with approximate luminous ensure it's ideal for accent lighting indoor and outdoor areas.

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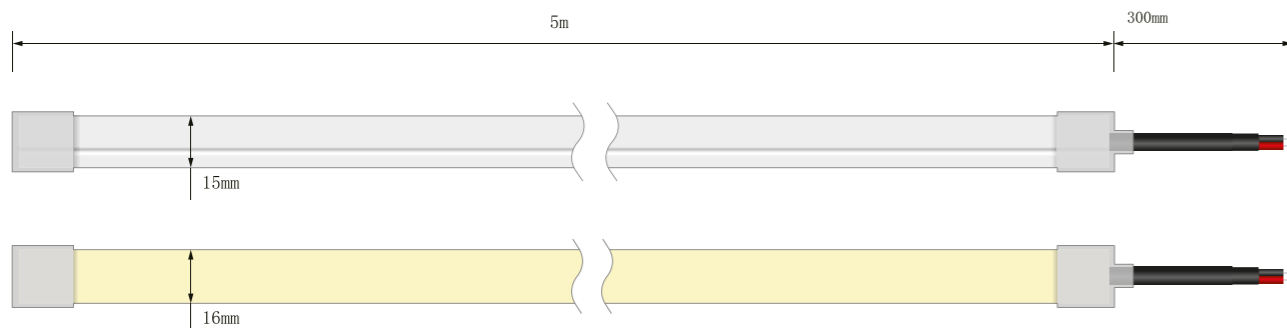


# LEDLINE EVIS WHT



-LEDLINE EVIS WHT, DC24V.  
 Cross section size 16mm x 15mm / 0.63" x 0.59" (W x H), Vertical bending & Horizontal bending both are available with radius of 100mm / 3.93".  
 -IP67 protected, UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
 -2-Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION

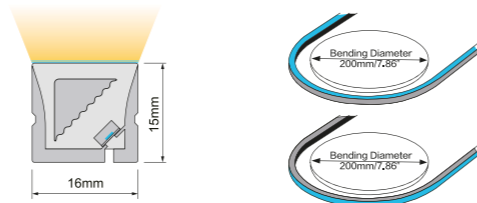


Electrical data	
Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>min</sub> = -25°C /-13°F, T <sub>max</sub> (Table below)
CRI	Ra93

LEDLINE EVIS WHT	STD output
Power(W/m W/ft)	10/3.1
Efficacy(lm/W) @4000K	71
Max. Ambient tempt.(T <sub>max</sub> )	45°C /113°F

CCT	Power					Max. Run Length	Unit Cut
	2700K	3000K	3500K	4000K	5000K		
10W/M	692	703	711	720	736	5M	50mm

Note:  
 -Max. run length refers to single side feed in serial connection.  
 -The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.  
 -The given color temperature is the temperature of finished product.



<b>2 STEP</b>	<b>UV PROTECTED</b>
<b>WATERPROOF IP67</b>	<b>L70B10 &gt; 54000H</b>
<b>5 MTS / REEL AVAILABLE</b>	<b>LUMILEDS</b>
	<b>RESISTANT TO CHEMICAL</b>

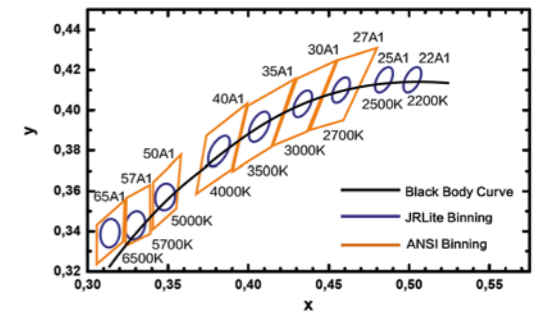


## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
EVIS WHT	27=2700K	05000=5M/196.85"	010=10W	F=FRONT
	30=3000K			
	35=3500K			
	40=4000K			
	50=5000K			

Example:  
 EVIS WHT-30-01500-010-F:  
 LEDLINE EVIS WHT, 3000K, 1.5M/ reel, 10W/M, Front cable entry.

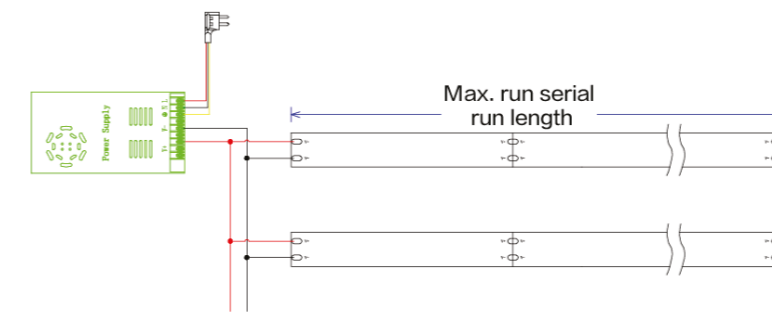
1. Max production length 5meters per reel, and the standard packaging is 5meters per reel.  
 2. Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.



## VARIOUS CONNECTIONS

<p><b>Front Cable Entry</b>                      The cable could be hidden in all directions by the flexible design.                      DIY connector optional</p>	<p><b>Side Cable Entry</b>                      The cable could be perfectly hidden to achieve seamless light connection.                      DIY connector optional</p>	<p><b>Bottom Cable Entry</b>                      The cable could be perfectly hidden to achieve seamless light connection.                      DIY connector optional</p>
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## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

10W/M - 5M Max. Single Run Length;  
 The strip is 5m/reel at standard.

-Please contact us if >150W power supply is needed.

## ACCESSORIES



Aluminium Profile  
Order Code: AC136-AP  
Dimension: 1000x17.3x21.1mm/39.37"x0.68"x0.83"(LxWxH)  
Material: aluminium  
Color: silver



IP67 Connector 2PIN  
Order Code: AD007-2  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500 mating cycles



Mounting Clips  
Order Code: AC029-SET  
Dimension: 20x12.6x18.9mm/0.79"x0.50"x0.74"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strips needs 2 clips + 2 screws



LEDLINE ASTON Scissor  
Order Code: AF001-1



Closed End Cap  
Order Code: AD006-D  
Dimension: 13x19x18mm/0.51"x0.74"x0.71"(LxWxH)  
Material: silicone  
Color: white



## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



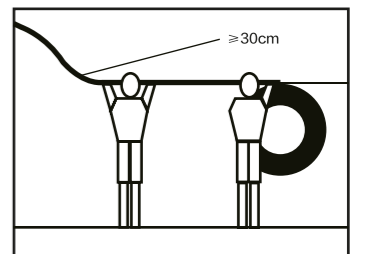
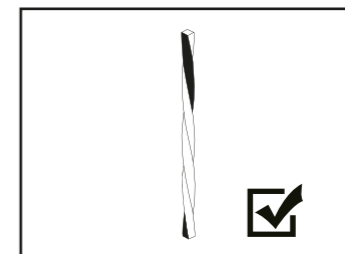
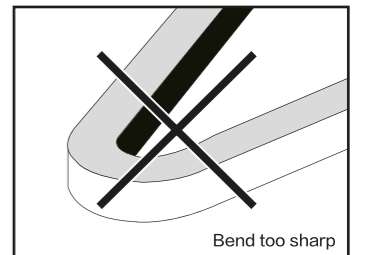
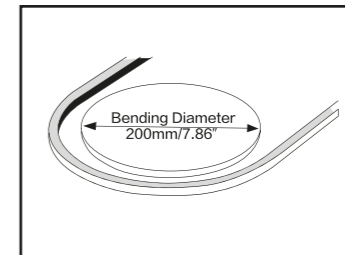
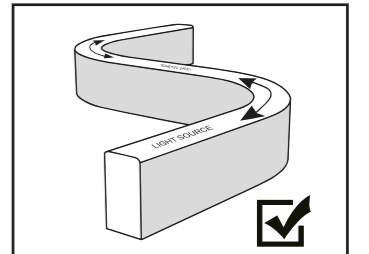
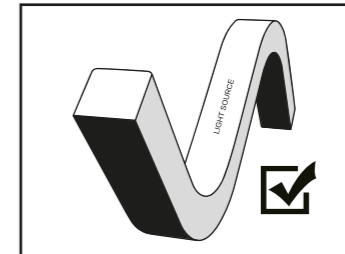
Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## APPLICATION

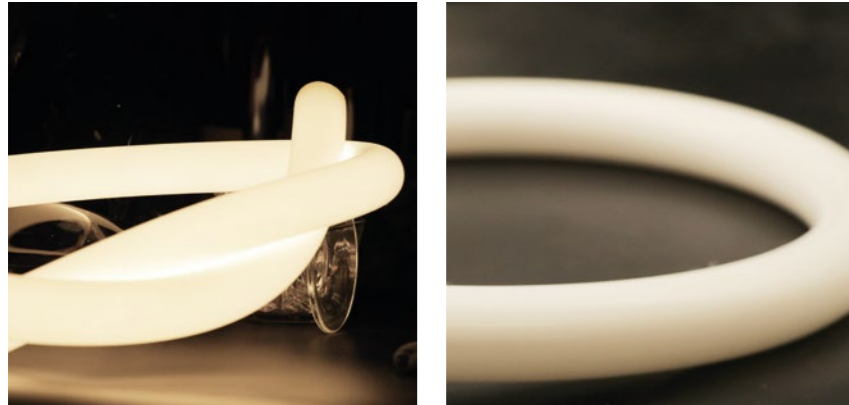
- ▶ Court lighting, signature lighting, Urban lighting.
- ▶ Hotel, showing room, corridors, apartment, plaza, shopping mall.
- ▶ Landscape lighting, garden lighting, luminaries solutions can be all in.

## ADDITIONAL INFO.

- ▶ Please light it up for a quick check before installation.
- ▶ Bending diameter of LEDLINE EVIS WHT is 200mm, do not bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

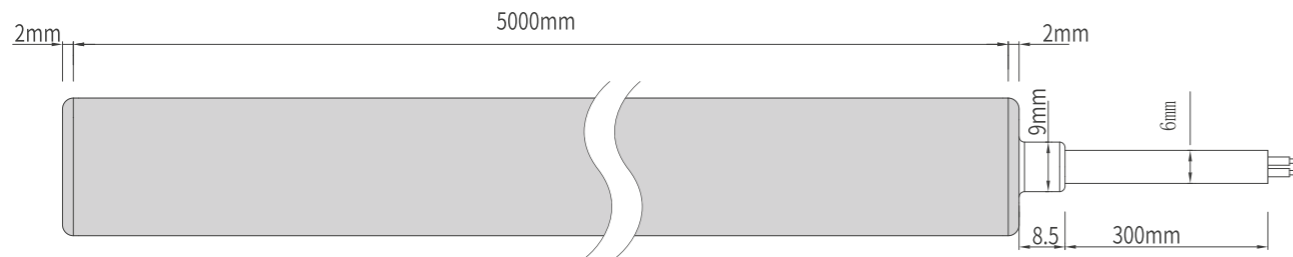


# LEDLINE RONDO



LEDLINE Rondo, DC24V. Section size with diameter 25mm/0.98"  
 - Compared with traditional neon flex, it has good flexibility, simple and fashionable appearance.  
 -Thanks to the unique optical structure design, it is 360° luminous uniformity without any shadow.  
 -IP65 protected, UV resistant, chemical resistant and flame retardant.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> = -20°C /-4°F, Ta <sub>max</sub> (Table below)
CRI	Ra90

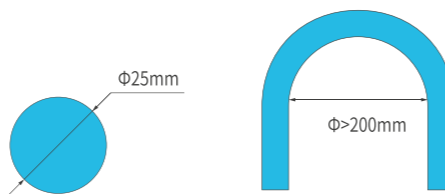
LEDLINE Rondo	Low output	STD output
Power(W/m W/ft)	5/1.5	10/3.1
Efficacy(lm/W) @4000K	60	56
Max. Ambient temp.(Ta <sub>max</sub> )	55°C /131°F	45°C /113°F

(Lm/m)

CCT	2700K	3000K	3500K	4000K	6000K	Max. Run Length	Unit Cut
Power							
5W/M	276	284	306	298	302	5M	50mm
*10W/M	517	529	600	556	586	5M	50mm

### Note:

- The product is not available for cutting.
- When ambient temperature reaches 55°C, the power is suggested to be 5W/M.
- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



**3 STEP**

2700K  
3000K  
4000K

**UV PROTECTED**

**INDOOR**

**WATERPROOF IP65**

**5MTS / REEL AVAILABLE**

**RESISTANT TO CHEMICAL**

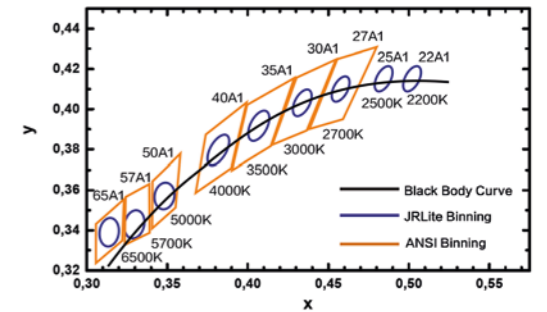
**ONE BIN ONLY**  
 Color consistency Today and tomorrow

## ORDER CODE

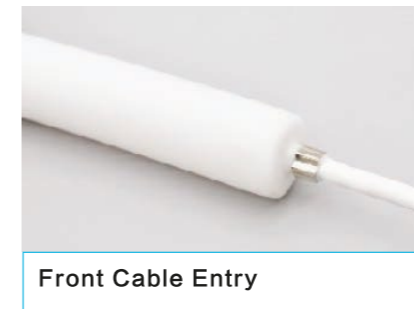
SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
Rondo	27=2700K	05000=5M/196.85"	005=5W	F=FRONT
	30=3000K			
	35=3500K			
	40=4000K			
	60=6000K			

Example:  
 Rondo -30-01500-005-F  
 LEDLINE Rondo-30-01500-005-F  
 3000K, 1.5M/reel, 5W/M, Front cable entry.

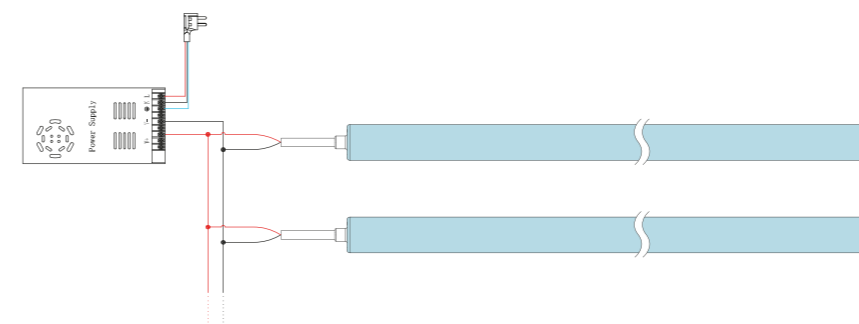
- 1.Max production length 5meters per reel, and the standard packaging is 5meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please use our 1m extension cable.
- 3.The standard product is without dimmable effect, if you need compatible dimmable solution, pls contact us separately.



## VARIOUS CONNECTIONS

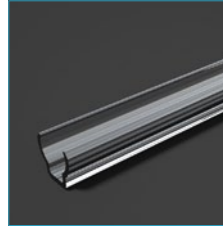


## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:  
 10W/M - 5M Max. Single Run Length; The strip is 5m/reel at standard.  
 -Please contact us if >150W power supply is needed.

## ACCESSORIES



PC Profile  
Order Code: AC200  
Dimension: 1000x8x13mm/39.37"x0.31"x0.51"(LxWxH)  
Material: Plastic



Front Endcap for Hanging Installation  
Order Code: AC203  
Dimension: 27.6x29.3mm/1.09"x1.15"(WxH)  
Material: Metal



PC Mounting clips  
Order Code: AC201  
Dimension: 20x30x25.5mm/0.78"x1.18"x1"(LxWxH)  
Material: Plastic  
One bag: 1 PC transparent clips + 1 screw



Rear Endcap for Hanging Installation  
Order Code: AC204  
Dimension: 27.6x18mm/1.09"x0.71"(WxH)  
Material: Metal



Hanging wire  
Order Code: AC202  
One Bag: 2pcs wire + 4screws



## APPLICATION

- ▶ Solutions for retail shops, any indoor projects
- ▶ Ideal for amazing different shape lighting application
- ▶ Suitable for Aesthetic art lighting application
- ▶ Signage and illuminated advertising lighting

## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



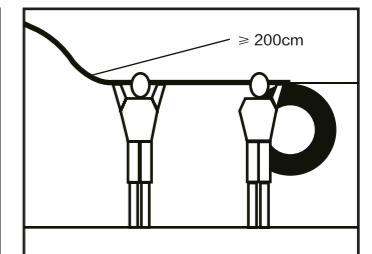
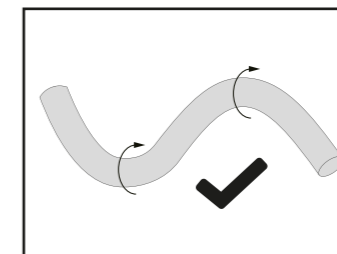
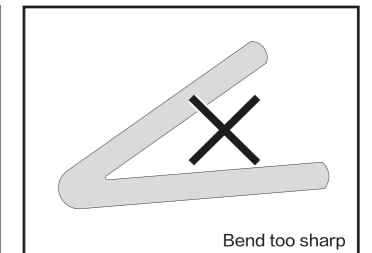
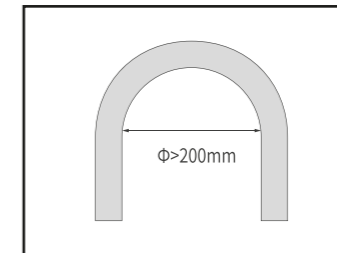
Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



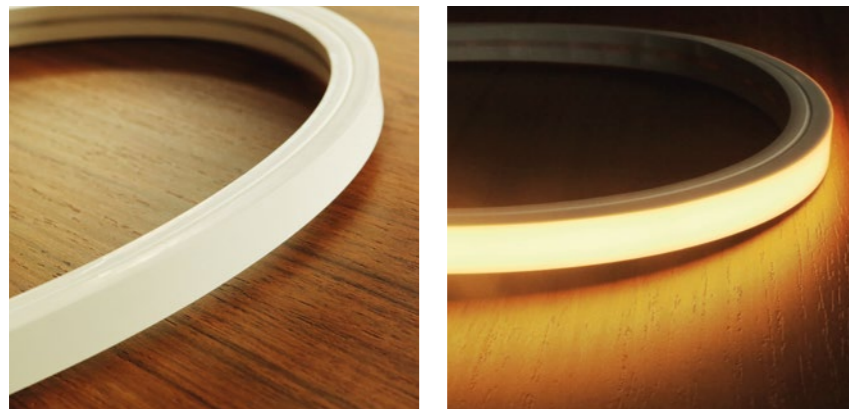
Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## ADDITIONAL INFO.

- ▶ Please light it up for a quick check before installation.
- ▶ In order to ensure the life and reliability of the product, please make sure the minimum bending diameter should be over 200mm . A too small bending radius will damage the product itself.
- ▶ During installation, please make sure there are at least two workers to cooperate together and avoid scratching, twisting and irregular bending of the product, otherwise it may cause irreparable damage to the product.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

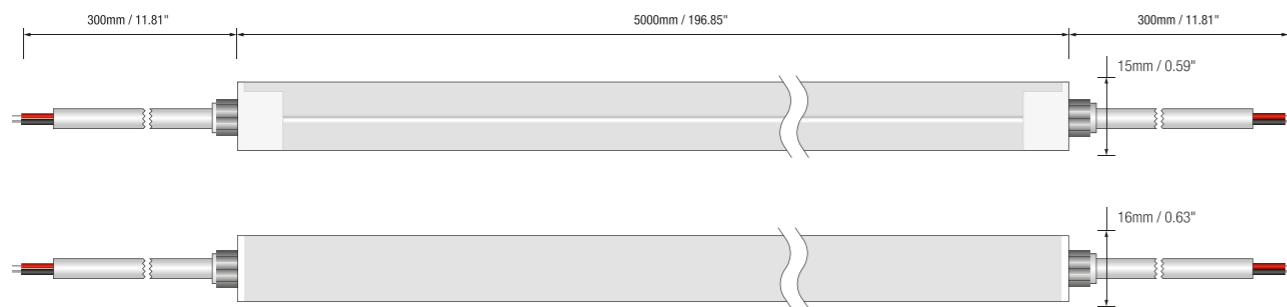


# LEDLINE ASTON 1615 WHT



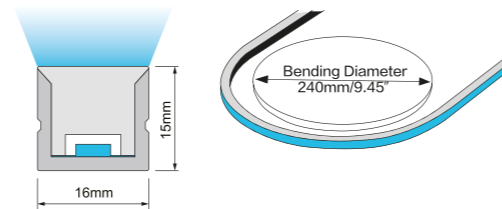
-LEDLINE ASTON 1615 WHT, DC24V. Cross section size 16mm x 15mm / 0.63" x 0.59" (W x H), which is vertical bending with radius of 120mm / 4.72".  
 -IP67 protected, UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
 -2-Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 60.9°C /141.6°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>min</sub> = -25°C /-13°F, T <sub>max</sub> (Table below)
CRI	Ra93



### LEDLINE ASTON 1615 WHT Low output STD output High output

Power(W/m W/ft)	5/1.5	10/3.1	15/4.6
Efficacy(lm/W) @4000K	46	58	50
Max. Ambient tempt.(T <sub>max</sub> )	55°C /131°F	45°C /113°F	35°C /95°F

(Lm/m)

CCT	2700K	3000K	3500K	4000K	5300K	Max. Run Length	Unit Cut
5W/M	226	236	240	232	236	27M	50mm
*10W/M	587	607	596	575	580	17M	50mm
15W/M	718	762	782	752	767	14M	50mm

Note:

- When ambient temperature reaches 55°C, the power is suggested to be 5W/M.
- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.

**2 STEP**

**UV PROTECTED**

**WATERPROOF IP67**

**L70B10 > 54000H**  
**LUMILEDS**

**30 MTS / REEL AVAILABLE**

**RESISTANT TO CHEMICAL**

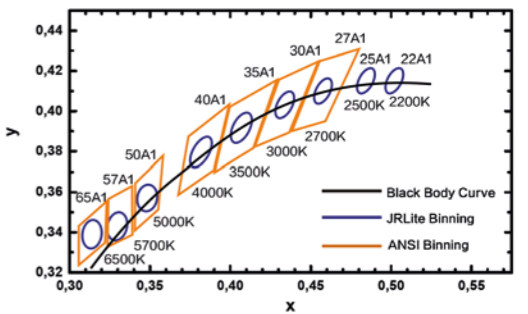


## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 1615 WHT	27=2700K	05000=5M/196.85"	005=5W	F=FRONT
	30=3000K		010=10W	S=SIDE
	35=3500K		015=15W	B=BOTTOM
	40=4000K			
	53=5300K			

Example:  
 ASTON 1615 WHT-30-01500-015-S:  
 LEDLINE ASTON 1615 WHT, 3000K,  
 1.5M/reel, 15W/M, Side cable entry.

1. Max production length 30meters per reel, and the standard packaging is 10meters per reel.
2. Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
3. Patented easy endcap achieves mechanical IP67 waterproof without any glue.
4. It is IK08 rated.



## VARIOUS CONNECTIONS



**Front Cable Entry**  
 The cable could be hidden in all directions by the flexible design.  
 DIY connector optional

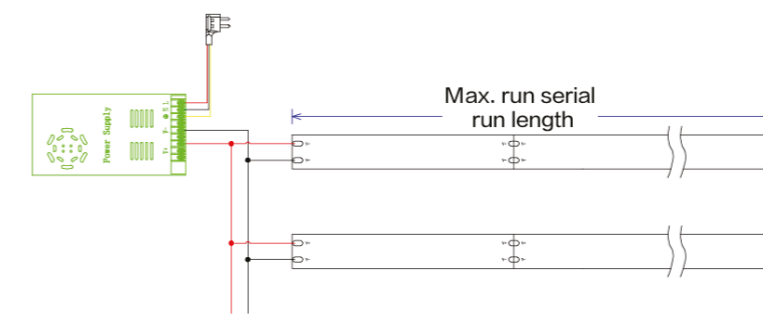


**Side Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.  
 DIY connector optional



**Bottom Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.  
 DIY connector optional

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

5W/M - 27M Max. Single Run Length;  
 10W/M - 17M Max. Single Run Length;  
 15W/M - 14M Max. Single Run Length;  
 The strip is 10m/reel at standard.

-Please contact us if >150W power supply is needed.

-Please contact us if you need dimmable function.

## ACCESSORIES



Aluminium Profile  
Order Code: AC013-AP  
Dimension: 1000x20.5x17.6mm/39.37"x0.81"x0.69"(LxWxH)  
Material: aluminium  
Color: silver



End Cap 2PIN  
Order Code: AD005-2-F  
Dimension: 27.9x20.4x19.4mm/1.10"x0.80"x0.76"(LxWxH)  
Color: transparent  
Cable Entry: front



Mounting Clips  
Order Code: AC014-SET  
Dimension: 20x16.6x12.4mm/0.79"x0.65"x0.49"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strips needs 2 clips + 2 screws



End Cap 2PIN  
Order Code: AD005-2-S  
Dimension: 27.9x20.4x19.4mm/1.10"x0.80"x0.76"(LxWxH)  
Color: transparent  
Cable Entry: side



IP67 Connector 2PIN  
Order Code: AD007-2  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500 mating cycles



End Cap 2PIN  
Order Code: AD005-2-B  
Dimension: 27.9x20.4x19.4mm/1.10"x0.80"x0.76"(LxWxH)  
Color: transparent  
Cable Entry: bottom



LEDLINE ASTON Scissor  
Order Code: AF001-1



Closed End Cap  
Order Code: AD006  
Dimension: 27.9x20.4x19.4mm/1.10"x0.80"x0.76"(LxWxH)  
Material: stainless steel  
Color: silver

## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

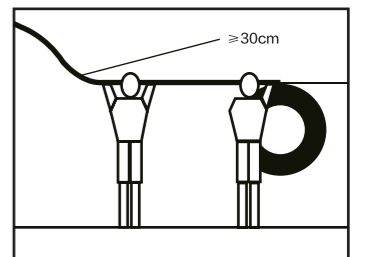
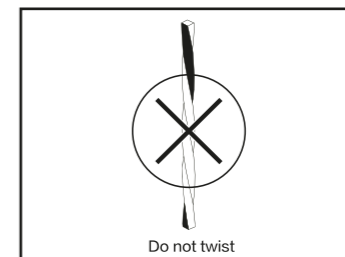
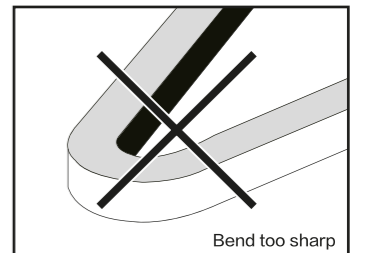
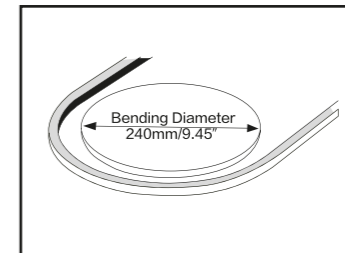
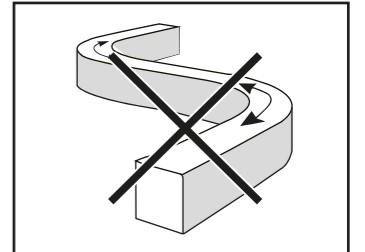
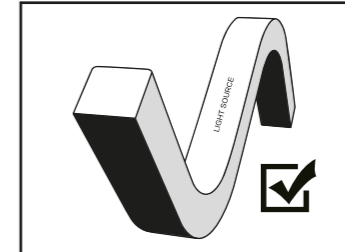


## APPLICATION

- ▶ Facade lighting, contour lighting and landscape lighting.
- ▶ Solutions for retail shops.
- ▶ Signage and illuminated advertising.
- ▶ Ideal for architectural lighting, coves, object integration.

## ADDITIONAL INFO.

- ▶ Please light it up for a quick check before installation.
- ▶ Bending diameter of LEDLINE ASTON 1615 WHT is 240mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

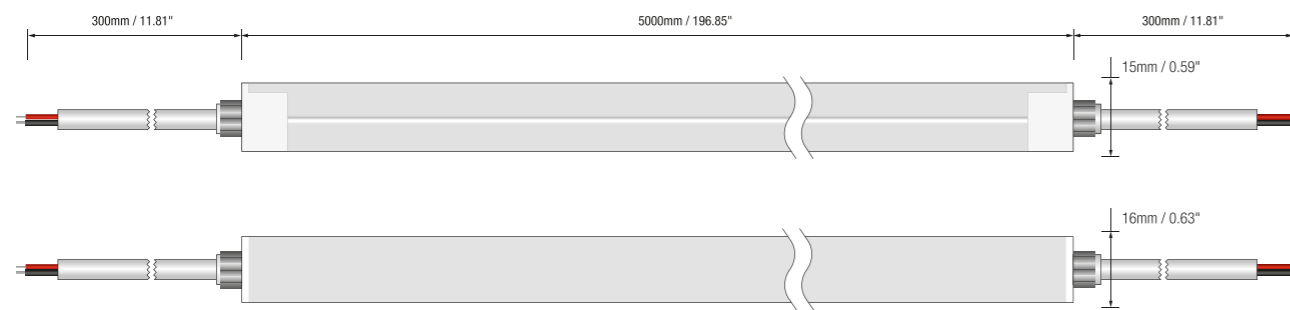


# LEDLINE ASTON 1615 IQ



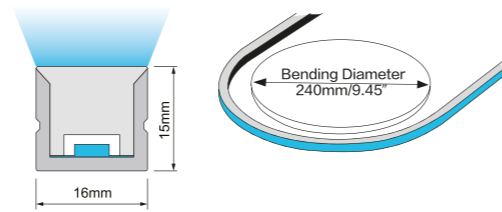
-LEDLINE ASTON 1615 IQ, DC24V. Cross section size 16mm x 15mm / 0.63" x 0.59" (W x H), which is vertical bending with radius of 120mm / 4.72".  
 -IP67 protected, UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
 -3-Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 59.4°C /138.92°F
Storage Temperature	-25°C /-13°F <sub>min</sub> ; 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>a min</sub> = -25°C /-13°F; T <sub>a max</sub> = 35°C /95°F@15W T <sub>a max</sub> = 45°C /113°F@7.5W(Single Color)
CRI	Ra80
Power(W/m W/ft)	15/4.6
Efficacy(lm/W) @5300K	68



CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
2700K	514	7.5W/M	5M	50mm
5300K	511	7.5W/M	5M	50mm
2700K+5300K	1024	15W/M	5M	50mm

### Note:

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.

**3 STEP**

**UV PROTECTED**

**WATERPROOF IP67**

**L70B10 > 54000H**  
**LUMILEDS**

**30 MTS / REEL AVAILABLE**

**RESISTANT TO CHEMICAL**



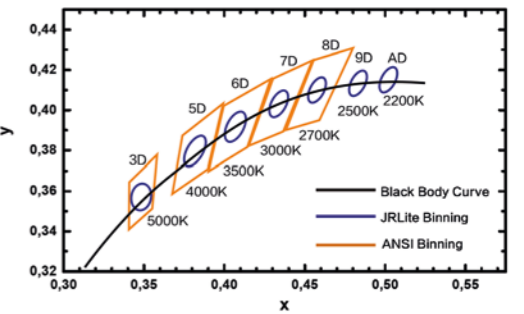
**ONE BIN ONLY**  
 Color consistency  
 Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 1615 IQ	2753=2700+5300K	05000=5M/196.85'	015=15W	F=FRONT S=SIDE B=BOTTOM

Example:  
 ASTON 1615 IQ-2753-01500-015-S:  
 LEDLINE ASTON 1615 Tunable white  
 2700K+5300K, 1.5M/reel, 15W/M, Side  
 cable entry.

1. Max production length 30meters per reel, and the standard packaging is 10meters per reel.
2. Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
3. Patented easy endcap achieves mechanical IP67 waterproof without any glue.
4. It is IK08 rated.



## VARIOUS CONNECTIONS



**Front Cable Entry**  
 The cable could be hidden in all directions by the flexible design.  
 DIY connector optional

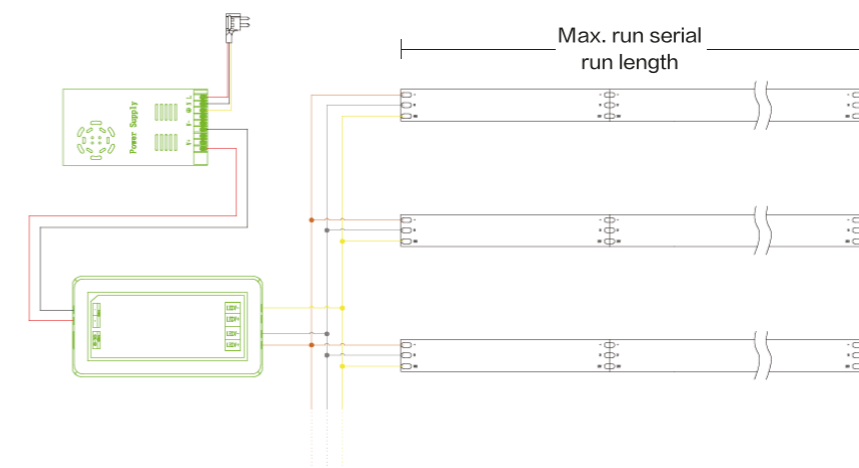


**Side Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.  
 DIY connector optional



**Bottom Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.  
 DIY connector optional

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

15W/M - 5M Max. Single Run Length;  
 The strip is 10m/reel at standard.

-Please contact us if >150W power supply is needed.

## ACCESSORIES



Aluminium Profile  
Order Code: AC013-AP  
Dimension: 1000x20.5x17.6mm/39.37"x0.81"x0.69"(LxWxH)  
Material: aluminium  
Color: silver



End Cap 3PIN  
Order Code: AD005-3-F  
Dimension: 27.9x20.4x19.4mm/1.10"x0.80"x0.76"(LxWxH)  
Color: transparent  
Cable Entry: front



Mounting Clips  
Order Code: AC014-SET  
Dimension: 20x16.6x12.4mm/0.79"x0.65"x0.49"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strips needs 2 clips + 2 screws



End Cap 3PIN  
Order Code: AD005-3-S  
Dimension: 27.9x20.4x19.4mm/1.10"x0.80"x0.76"(LxWxH)  
Color: transparent  
Cable Entry: side



IP67 Connector 3PIN  
Order Code: AD007-3  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500 mating cycles



End Cap 3PIN  
Order Code: AD005-3-B  
Dimension: 27.9x20.4x19.4mm/1.10"x0.80"x0.76"(LxWxH)  
Color: transparent  
Cable Entry: bottom



LEDLINE ASTON Scissor  
Order Code: AF001-1



Closed End Cap  
Order Code: AD006  
Dimension: 27.9x20.4x19.4mm/1.10"x0.80"x0.76"(LxWxH)  
Material: stainless steel  
Color: silver

## CONTROLLER & DRIVER



Order code: M2+M3-3A  
RF Controller  
DC24V, 3A\*2Channel, Max 6A  
IP20, Support remote control



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.

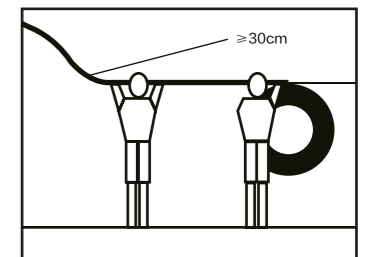
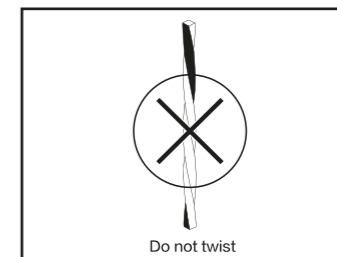
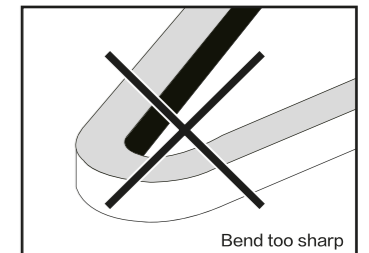
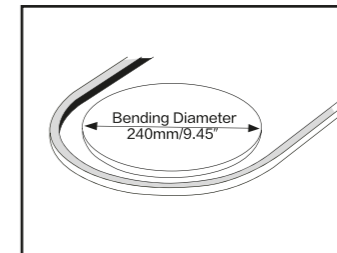
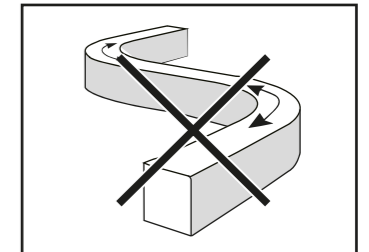
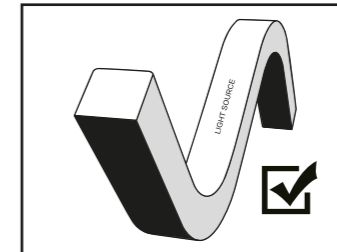


## APPLICATION

- ▶ Hotel, restaurant, handrails lighting.
- ▶ Shop, residential, offices lighting.
- ▶ Organic shaped luminaires.
- ▶ Ideal for architectural lighting, object integration and signage.

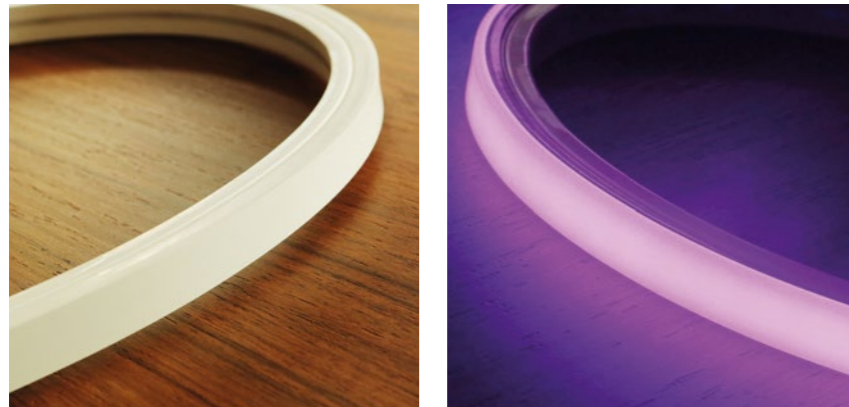
## ADDITIONAL INFO.

- ▶ Please light it up for a quick check before installation.
- ▶ Bending diameter of LEDLINE ASTON 1615 IQ is 240mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.



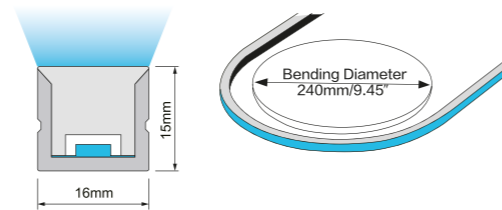
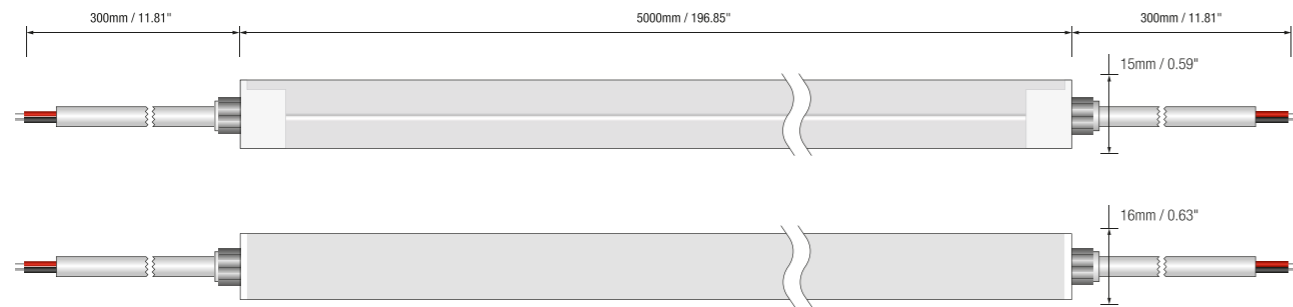


# LEDLINE ASTON 1615 RGB



-LEDLINE ASTON 1615 RGB, DC24V. Cross section size 16mm x 15mm / 0.63" x 0.59" (W x H), which is vertical bending with radius of 120mm / 4.72".  
 -IP67 protected, UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
 -ONE BIN only and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 59.4°C /138.92°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>min</sub> =-25°C /-13°F, T <sub>max</sub> =35°C /95°F
Power(W/m W/ft)	11/3.4
Efficacy(lm/W)	29.2

CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
R	66	3.7W/M	13M	125mm
G	220	3.7W/M	13M	125mm
B	35	3.7W/M	13M	125mm
RGB	320	11W/M	13M	125mm

### Note:

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



**ONE BIN ONLY**

**UV PROTECTED**

**WATERPROOF IP67**

**L80 30000H**

**30 MTS / REEL AVAILABLE**

**RESISTANT TO CHEMICAL**

**ONE BIN ONLY**  
Color consistency Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 1615 RGB	RGB	05000=5M/196.85"	011=11W	F=FRONT S=SIDE B=BOTTOM

Example:  
 ASTON 1615 RGB-01500-011-S:  
 LEDLINE ASTON 1615 RGB, 1.5M/  
 reel, 11W/M, Side cable entry.

1. Max production length 30meters per reel, and the standard packaging is 10meters per reel.
2. Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
3. Patented easy endcap achieves mechanical IP67 waterproof without any glue.
4. It is IK08 rated.

## VARIOUS CONNECTIONS



**Front Cable Entry**  
 The cable could be hidden in all directions by the flexible design.  
 DIY connector optional

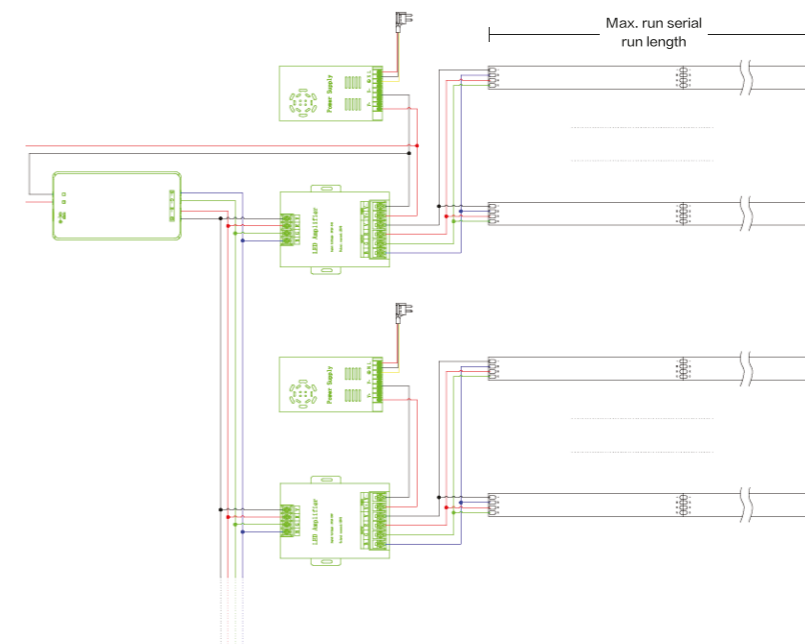


**Side Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.  
 DIY connector optional



**Bottom Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.  
 DIY connector optional

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

11W/M - 13M Max. Single Run Length;  
 The strip is 10m/reel at standard.

-Please contact us if >150W power supply is needed.

## ACCESSORIES



Aluminium Profile  
Order Code: AC013-AP  
Dimension: 1000x20.5x17.6mm/39.37"x0.81"x0.69"(LxWxH)  
Material: aluminium  
Color: silver



End Cap 4PIN  
Order Code: AD005-4-F  
Dimension: 27.9x20.4x19.4mm/1.10"x0.80"x0.76"(LxWxH)  
Color: transparent  
Cable Entry: front



Mounting Clips  
Order Code: AC014-SET  
Dimension: 20x16.6x12.4mm/0.79"x0.65"x0.49"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strips needs 2 clips + 2 screws



End Cap 4PIN  
Order Code: AD005-4-B  
Dimension: 27.9x20.4x19.4mm/1.10"x0.80"x0.76"(LxWxH)  
Color: transparent  
Cable Entry: bottom



IP67 Connector 4PIN  
Order Code: AD007-4  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500 mating cycles



End Cap 4PIN  
Article NO. AD005-4-B  
Dimension: 27x20.5x19mm/1.06"x0.81"x0.75"(LxWxH)  
Color: transparent  
Cable entry: bottom



LEDLINE ASTON Scissor  
Order Code: AF001-1



Closed End Cap  
Order Code: AD006  
Dimension: 27.9x20.4x19.4mm/1.10"x0.80"x0.76"(LxWxH)  
Material: stainless steel  
Color: silver

## CONTROLLER & DRIVER



Order code: M6+M3-3A  
RF Controller  
DC24V, 3A\*3Channel, Max 9A  
IP20, Support remote control



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

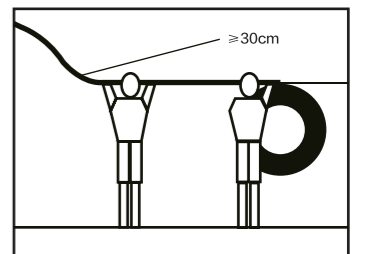
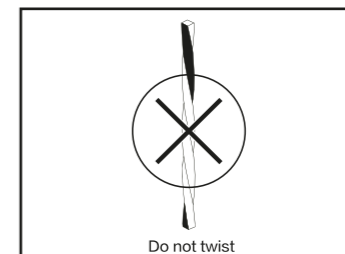
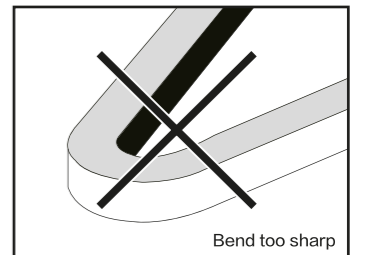
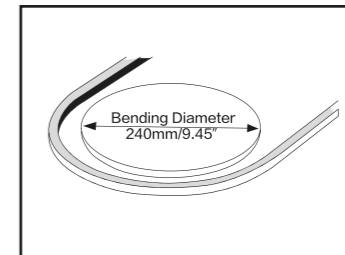
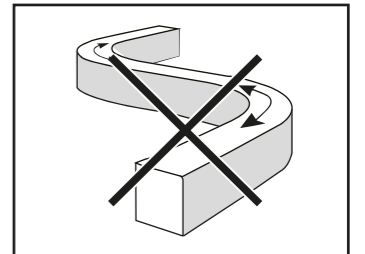
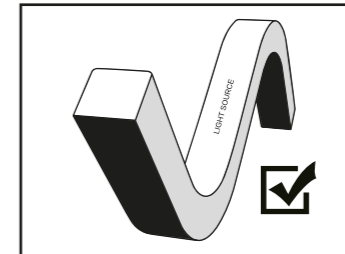


## APPLICATION

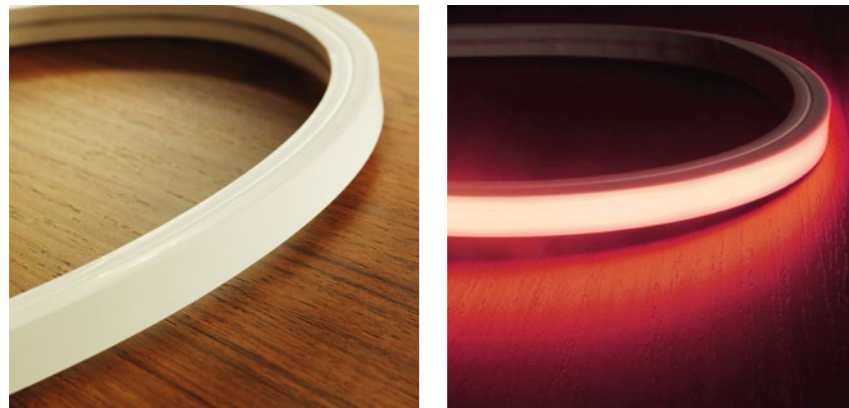
- Suitable for bar, ceiling and wall lighting application.
- Ideal for color dynamic application with excellent color rendition and high power levels.

## ADDITIONAL INFO.

- Please light it up for a quick check before installation.
- Bending diameter of LEDLINE ASTON 1615 RGB is 240mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 3 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

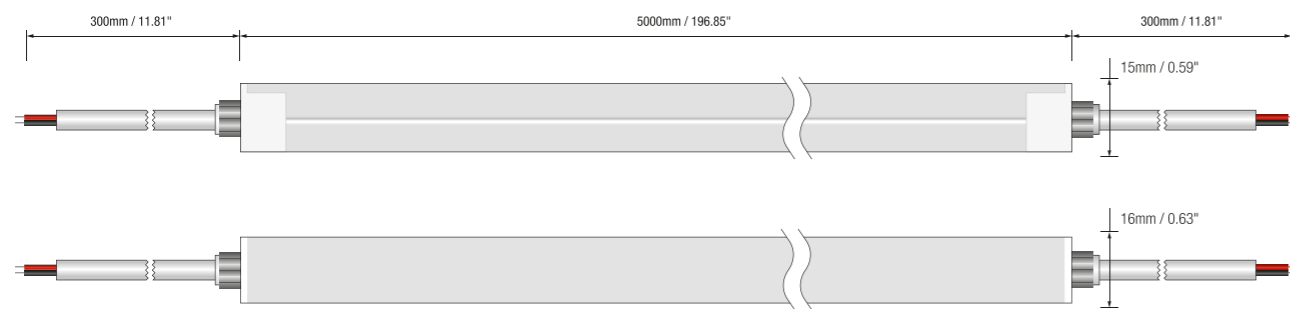


# LEDLINE ASTON 1615 RGBW

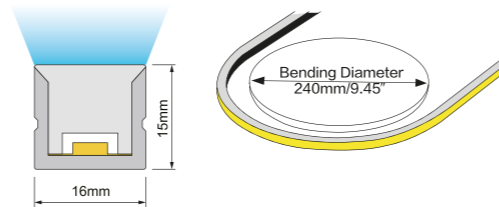


-LEDLINE ASTON 1615 RGBW, DC24V. Cross section size 16mm x 15mm / 0.63" x 0.59" (W x H), which is vertical bending with radius of 120mm / 4.72".  
 -IP67 protected, UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
 -ONE BIN only and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



Electrical data	
Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 59.4°C /138.92°F
Storage Temperature	-25°C /-13°F <sub>min</sub> ; 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>a</sub> min=-25°C /-13°F; T <sub>a</sub> max=35°C /95°F@15W T <sub>a</sub> max=55°C /131°F@3.75W(Single Color)
Power(W/m W/ft)	15/4.6
Efficacy(lm/W) @5300K	55



CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
R	63	3.75W/M	10M	125mm
G	192	3.75W/M	10M	125mm
B	57	3.75W/M	10M	125mm
W27	205	3.75W/M	10M	125mm
W40	219	3.75W/M	10M	125mm
W53	208	3.75W/M	10M	125mm
RGBW40	531	15W/M	10M	125mm

Note:  
 -Max. run length refers to single side feed in serial connection.  
 -The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.  
 -The given color temperature is the temperature of finished product.



ONE BIN ONLY

UV PROTECTED

WATERPROOF IP67

L803000H

30 MTS / REEL AVAILABLE

RESISTANT TO CHEMICAL

ONE BIN ONLY

Color consistency Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 1615 RGBW	27=2700K	05000=5M/196.85'	015=15W	F=FRONT
	40=4000K			S=SIDE
	53=5300K			B=BOTTOM

Example:  
 ASTON 1615 RGBW27-01500-015-S:  
 LEDLINE ASTON 1615 RGBW2700K, 1.5M/reel, 15W/M, Side cable entry.

1. Max production length 30meters per reel, and the standard packaging is 10meters per reel.
2. Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
3. Patented easy endcap achieves mechanical IP67 waterproof without any glue.
4. It is IK08 rated.

## VARIOUS CONNECTIONS



**Front Cable Entry**  
 The cable could be hidden in all directions by the flexible design.  
 DIY connector optional

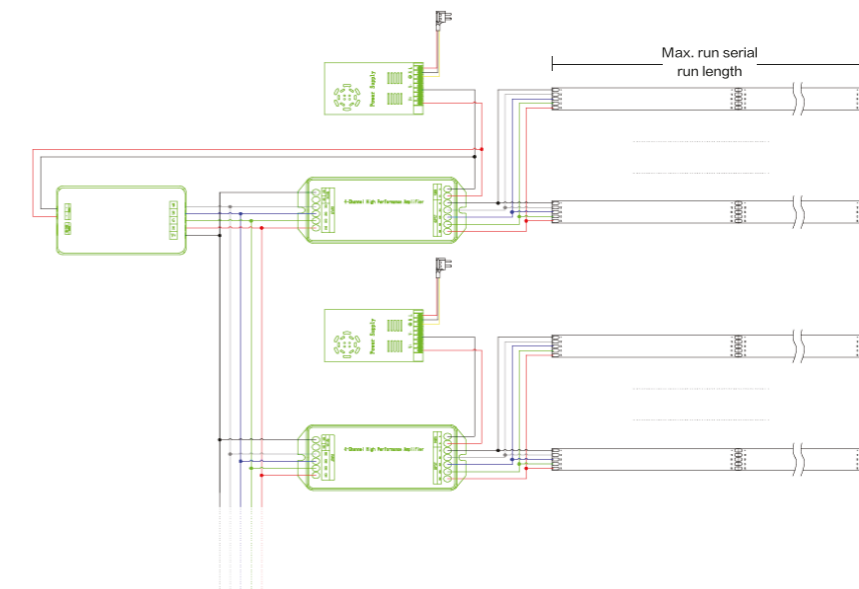


**Side Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.  
 DIY connector optional



**Bottom Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.  
 DIY connector optional

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

15W/M - 10M Max. Single Run Length; The strip is 10m/reel at standard.

-Please contact us if >150W power supply is needed.

## ACCESSORIES



Aluminium Profile  
Order Code: AC013-AP  
Dimension: 1000x20.5x17.6mm/39.37"x0.81"x0.69"(LxWxH)  
Material: aluminium  
Color: silver



End Cap 5PIN  
Order Code: AD005-5-F  
Dimension: 27.9x20.4x19.4mm/1.10"x0.80"x0.76"(LxWxH)  
Color: transparent  
Cable Entry: front



Mounting Clips  
Order Code: AC014-SET  
Dimension: 20x16.6x12.4mm/0.79"x0.65"x0.49"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strips needs 2 clips + 2 screws



End Cap 5PIN  
Order Code: AD005-5-S  
Dimension: 27.9x20.4x19.4mm/1.10"x0.80"x0.76"(LxWxH)  
Color: transparent  
Cable Entry: side



IP67 Connector 5PIN  
Order Code: AD007-5  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500 mating cycles



End Cap 5PIN  
Order Code: AD005-5-B  
Dimension: 27.9x20.4x19.4mm/1.10"x0.80"x0.76"(LxWxH)  
Color: transparent  
Cable Entry: bottom



LEDLINE ASTON Scissor  
Order Code: AF001-1



Closed End Cap  
Order Code: AD006  
Dimension: 27.9x20.4x19.4mm/1.10"x0.80"x0.76"(LxWxH)  
Material: stainless steel  
Color: silver

## CONTROLLER & DRIVER



Order code: M4+M4-3A  
RF Controller  
DC24V, 3A\*4Channel, Max 12A  
IP20, Support remote control



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

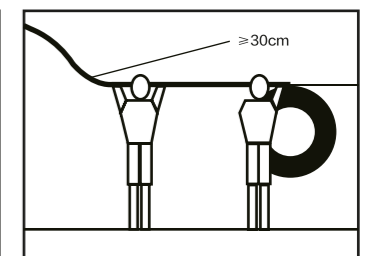
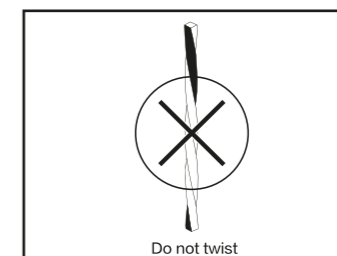
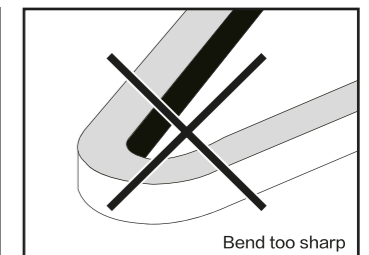
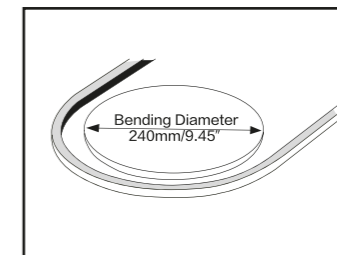
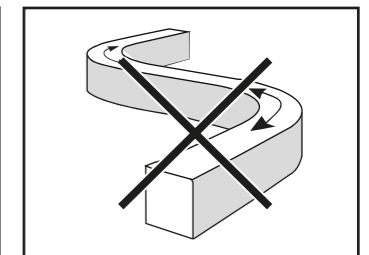
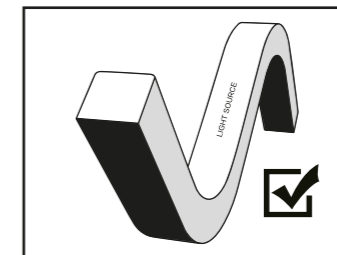


## APPLICATION

- Suitable for bar, ceiling and wall lighting application.
- Ideal for color dynamic application with excellent color rendition and high power levels.

## ADDITIONAL INFO.

- Please light it up for a quick check before installation.
- Bending diameter of LEDLINE ASTON 1615 RGBW is 240mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 3 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.



# Stunning DMX control creating fade effects

Before ready for the market, we had finished kinds of stable and serious testings for several months, like High & Low Temperature testing, High & Low Temperature Cycling testing, Bending testing, Salty-resist testing and Waterproof testing, making sure it is reliable enough under extreme conditions and retain features unchanged over time. With DMX control mode, it allows for advanced chasing and programmable scenes. Perfect for creating a stunning visual display and easily creating advanced animated lighting sequences.

Diffusing opal finish ensuring maximum uniformity

LEDLINE ASTON MEDIA series is a high quality dot-free lighting solution with an option of DMX control to create chasing and fading effects. Flexible opal finish IP67 protected with vertical or horizontal bending at a 120mm radius. Delivered in standard 5meters with secure block IP67 plug and play connection for indoor and outdoor solutions. With complete optional accessories and controllers to meet multifarious applications. No matter where it is installed, JRLite family always has the perfect solution inspiring your projects!

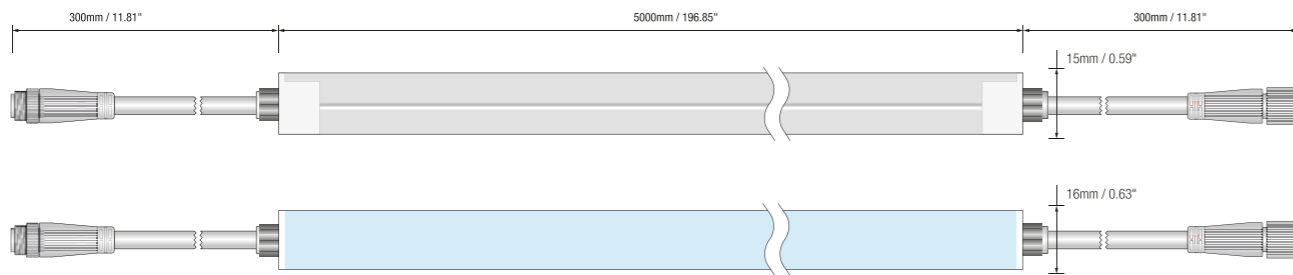


# LEDLINE ASTON 1615 MEDIA



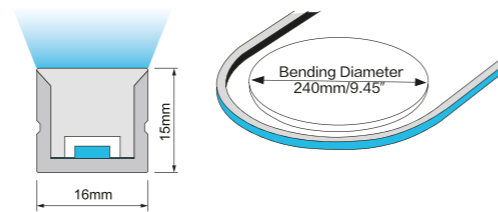
-LEDLINE ASTON 1615 MEDIA, DC24V. Cross section size 16mm x 15mm / 0.63" x 0.59" (W x H), which is vertical bending with radius of 120mm / 4.7".  
 -IP67 protected, UV resistant, chemical resistant and easy play and plug connection for indoor & outdoor solutions.  
 -DMX512 control mode and dot free lighting guarantee the most excellent color changing performance over rated lifetime.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 59.4°C /138.92°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> =-25°C /-13°F, Ta <sub>max</sub> =45°C /113°F
Power(W/m W/ft)	10/3.1
Efficacy(lm/W)	22
Gray Scale	65536
Pixel/M	8
Control Mode	DMX 512



CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
R	53	3.3W/M	5M	125mm
G	146	3.3W/M	5M	125mm
B	28	3.3W/M	5M	125mm
RGB	218	10W/M	5M	125mm

### Note:

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



**ONE BIN ONLY**

**UV PROTECTED**

**WATERPROOF IP67**

**L80 30000H**

**5 MTS / REEL AVAILABLE**

**RESISTANT TO CHEMICAL**

**ONE BIN ONLY**

Color consistency Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 1615 MEDIA	RGB	5000=5M/196.85"	010=10W	F=FRONT S=SIDE B=BOTTOM

Example:  
 ASTON 1615 MEDIA-05000-010-S:  
 LEDLINE ASTON 1615 MEDIA Digital RGB, 5M/reel, 10W/M, Side cable entry.

- 1.Max production length 30meters per reel, and the standard packaging is 5meters per reel.
- 2.The standard product with female and male connectors is for ready wiring setup, and for easy plug and play.
- 3.Continuous light without light interruption.
- 4.It is IK08 rated.

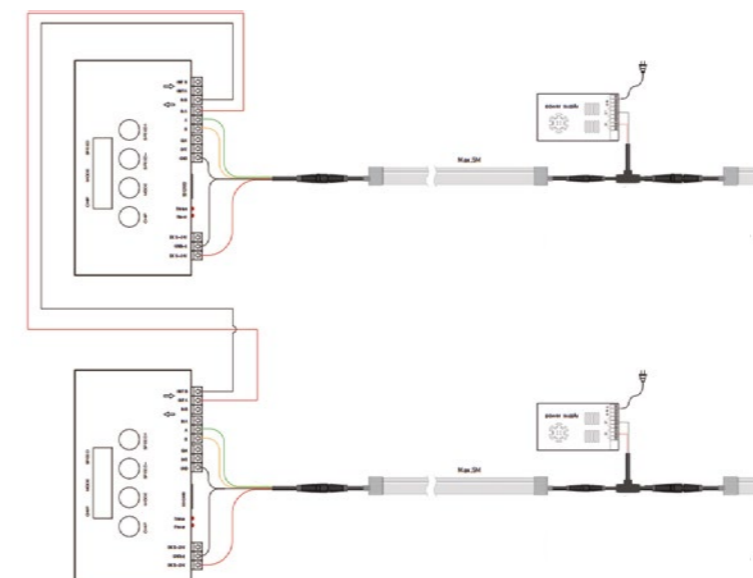
## VARIOUS CONNECTIONS

**Front Cable Entry**  
 The cable could be hidden in all directions by the flexible design.

**Side Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.

**Bottom Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

10W/M - 5M Max. Single Run Length;  
 The strip is 5m/reel at standard.

-Please contact us if >150W power supply is needed.

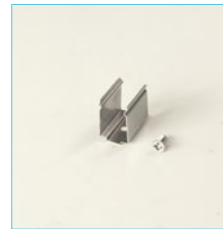
## ACCESSORIES



Aluminium Profile  
Order Code: AC013-AP  
Dimension: 1000x20.5x17.6mm/39.37"x0.81"x0.69"(LxWxH)  
Material: aluminium  
Color: silver



End Cap 5PIN Digital  
Order Code: AD005-5D-F  
Dimension: 13x19x18mm/0.51"x0.74"x0.71"(LxWxH)  
Color: white  
Cable entry: front



Mounting Clips  
Order Code: AC014-SET  
Dimension: 20x16.6x12.4mm/0.79"x0.65"x0.49"  
Material: stainless steel  
Color: silver  
Each meter led strips needs 2 clips + 2 screws



End Cap 5PIN Digital  
Order Code: AD005-5D-S  
Dimension: 13x19x18mm/0.51"x0.74"x0.71"(LxWxH)  
Color: white  
Cable entry: side



IP67 Connector 5PIN Digital  
Order Code: AD007-5D  
Wire gauge: 0.326mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)



End Cap 5PIN Digital  
Order Code: AD005-5D-B  
Dimension: 13x19x18mm/0.51"x0.74"x0.71"(LxWxH)  
Color: white  
Cable entry: bottom



LEDLINE ASTON Scissor  
Order Code: AF001-1



Closed End Cap  
Order Code: AD006-D  
Dimension: 13x19x18mm/0.51"x0.74"x0.71"(LxWxH)  
Material: silicone  
Color: white



IP67 Signal Connector  
Order Code: AD020  
Wire Gauge: 0.326mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)



IP67 T Type Connector  
Order Code: AD021  
Wire Gauge: 0.326mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)

## CONTROLLER & DRIVER



Order Code: K-1000C  
SD Card program Controller  
DC5-24V, 2W output, 128MB-3GB capacity.



Order Code: SM-XMQ1000A  
Coder  
9PCS built-in effects, only support DMX512 protocol chip.



Order Code: T-780K  
DMX Controller  
DC5-24V, 8 channels, 5W output, Madrix system compatible.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.

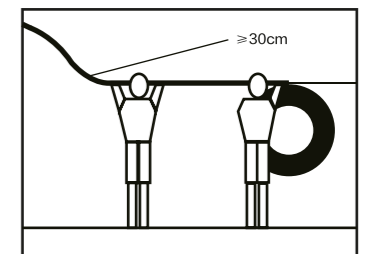
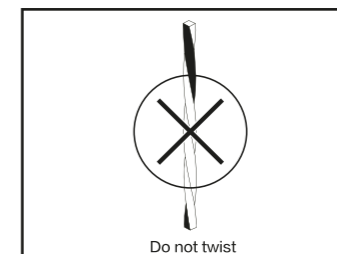
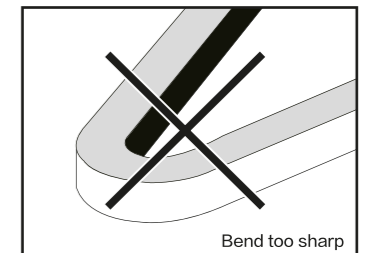
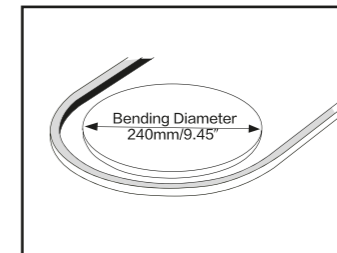
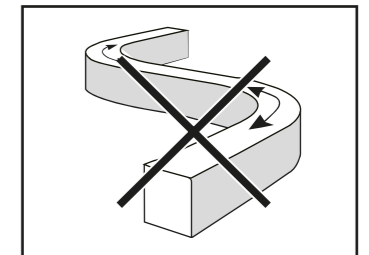
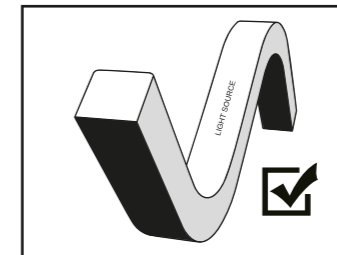


## APPLICATION

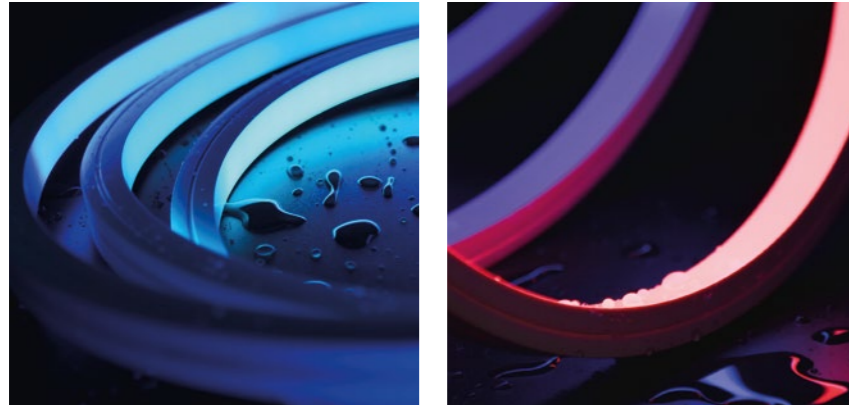
- Suitable for entertainment, facade and stage lighting applications.
- Decoration lighting for game machines.

## ADDITIONAL INFO.

- Please light it up for a quick check before installation.
- Bending diameter of LEDLINE ASTON 1615 MEDIA is 240mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 3 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

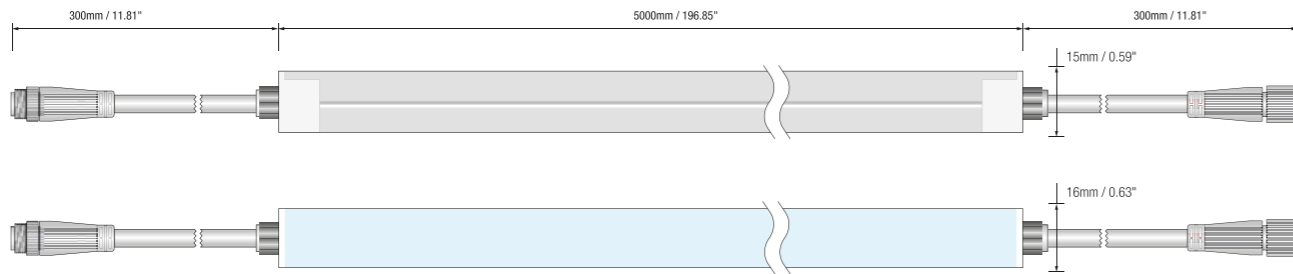


# LEDLINE ASTON 1615 MEDIA RGBW



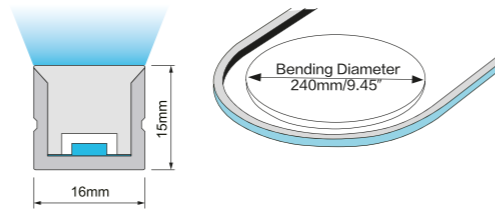
-LEDLINE ASTON 1615 MEDIA RGBW, DC24V. Cross section size 16mm x 15mm / 0.63" x 0.59" (W x H), which is vertical bending with radius of 120mm / 4.7".  
 -IP67 protected, UV resistant, chemical resistant and easy play and plug connection for indoor & outdoor solutions.  
 -DMX512 control mode and dot free lighting guarantee the most excellent color changing performance over rated lifetime.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 59.4°C /138.92°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>min</sub> =-25°C /-13°F, T <sub>max</sub> =45°C /113°F
Power(W/m W/ft)	14/4.3
Efficacy(lm/W)@4000K	61
Gray Scale	256
Pixel/M	8
Control Mode	DMX 512



CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
R	39	3.5W/M	5M	125mm
G	119	3.5W/M	5M	125mm
B	28	3.5W/M	5M	125mm
W27	200	3.5W/M	5M	125mm
W40	212	3.5W/M	5M	125mm
W53	203	3.5W/M	5M	125mm
RGBW40	398	14W/M	5M	125mm

### Note:

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



**ONE BIN ONLY**

**UV PROTECTED**

**WATERPROOF IP67**

**L8030000H**

**LUMILEDS**

**5MTS / REEL AVAILABLE**

**RESISTANT TO SOLVENTS**

**ONE BIN ONLY**

Color consistency  
Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 1615 MEDIA RGBW	27=2700K	5000=5M/196.85"	014=14W	F=FRONT
	40=4000K			S=SIDE
	53=5300K			B=BOTTOM

Example:  
 ASTON 1615 MEDIA RGBW27-05000-014-S:  
 LEDLINE ASTON 1615 MEDIA Digital RGBW 2700K, 5M/reel, 14W/M, Side cable entry.

- 1.Max production length 30meters per reel, and the standard packaging is 5meters per reel.
- 2.The standard product with female and male connectors is for ready wiring setup, and for easy plug and play.
- 3.Continuous light without light interruption.
- 4.It is IK08 rated.

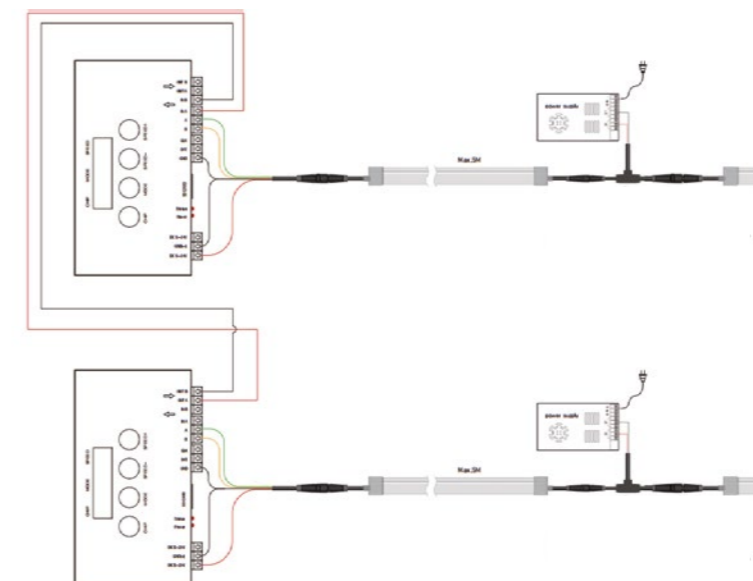
## VARIOUS CONNECTIONS

**Front Cable Entry**  
 The cable could be hidden in all directions by the flexible design.

**Side Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.

**Bottom Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

14W/M - 5M Max. Single Run Length;  
 The strip is 5m/reel at standard.

-Please contact us if >150W power supply is needed.



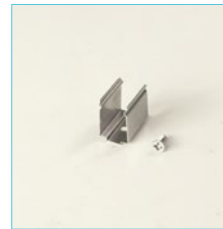
## ACCESSORIES



Aluminium Profile  
Order Code: AC013-AP  
Dimension: 1000x20.5x17.6mm/39.37"x0.81"x0.69"(LxWxH)  
Material: aluminium  
Color: silver



End Cap 5PIN Digital  
Order Code: AD005-5D-F  
Dimension: 13x19x18mm/0.51"x0.74"x0.71"(LxWxH)  
Color: white  
Cable entry: front



Mounting Clips  
Order Code: AC014-SET  
Dimension: 20x16.6x12.4mm/0.79"x0.65"x0.49"  
Material: stainless steel  
Color: silver  
Each meter led strips needs 2 clips + 2 screws



End Cap 5PIN Digital  
Order Code: AD005-5D-S  
Dimension: 13x19x18mm/0.51"x0.74"x0.71"(LxWxH)  
Color: white  
Cable entry: side



IP67 Connector 5PIN Digital  
Order Code: AD007-5D  
Wire gauge: 0.326mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)



End Cap 5PIN Digital  
Order Code: AD005-5D-B  
Dimension: 13x19x18mm/0.51"x0.74"x0.71"(LxWxH)  
Color: white  
Cable entry: bottom



LEDLINE ASTON Scissor  
Order Code: AF001-1



Closed End Cap  
Order Code: AD006-D  
Dimension: 13x19x18mm/0.51"x0.74"x0.71"(LxWxH)  
Material: silicone  
Color: white



IP67 Signal Connector  
Order Code: AD020  
Wire Gauge: 0.326mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)

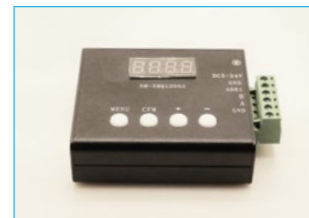


IP67 T Type Connector  
Order Code: AD021  
Wire Gauge: 0.326mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)

## CONTROLLER & DRIVER



Order Code: K-1000C  
SD Card program Controller  
DC5-24V, 2W output, 128MB-3GB capacity.



Order Code: SM-XMQ1000A  
Coder  
9PCS built-in effects, only support DMX512 protocol chip.



Order Code: T-780K  
DMX Controller  
DC5-24V, 8 channels, 5W output, Madrix system compatible.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.

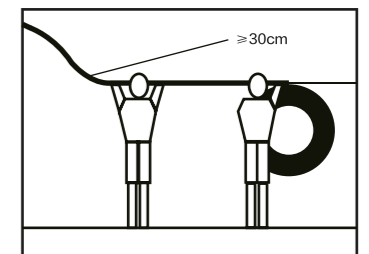
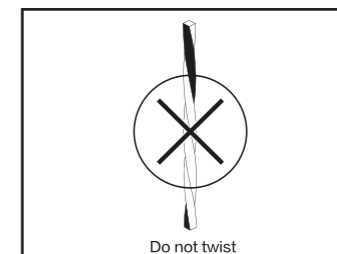
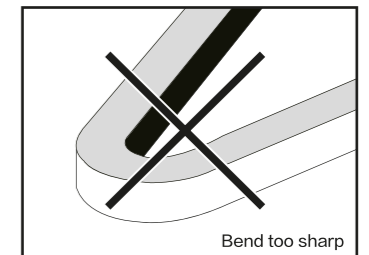
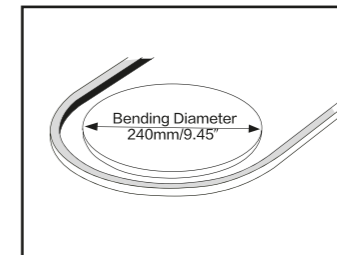
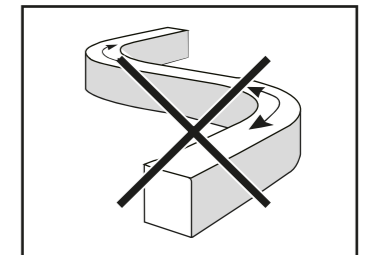
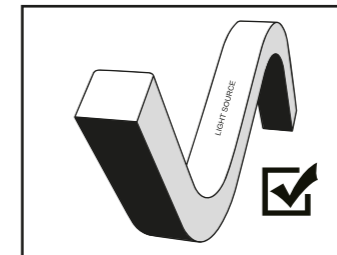


## APPLICATION

- Suitable for entertainment, facade and stage lighting applications.
- Decoration lighting for game machines.

## ADDITIONAL INFO.

- Please light it up for a quick check before installation.
- Bending diameter of LEDLINE ASTON 1615 MEDIA RGBW is 240mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 3 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

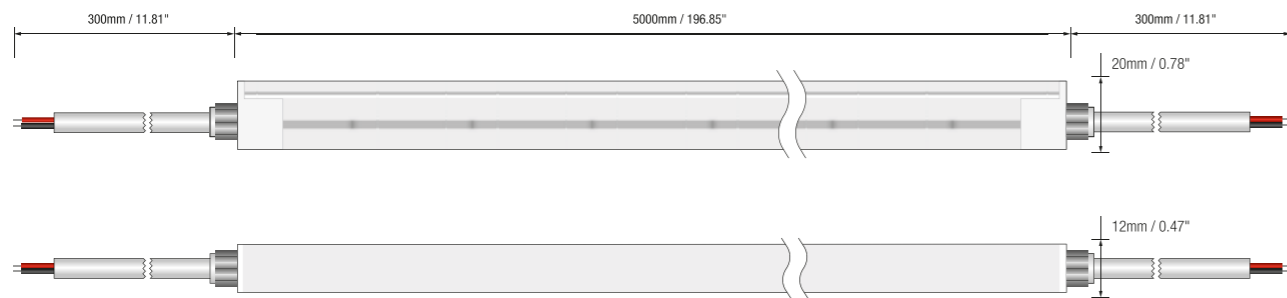


# LEDLINE ASTON 1220 WHT



-LEDLINE ASTON 1220 WHT, DC24V. Cross section size 12mm x 20mm / 0.47" x 0.79" (W x H), which is horizontal bending with radius of 120mm / 4.72".  
 -IP67 protected, UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
 -2-Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 59.4°C /138.92°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> = -25°C /-13°F, Ta <sub>max</sub> (Table below)
CRI	Ra94

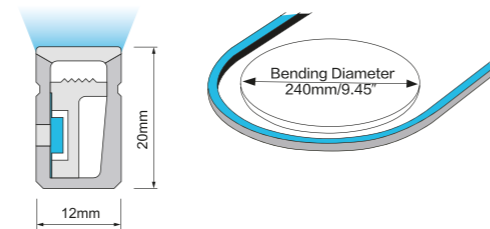
LEDLINE ASTON 1220 WHT	Low output	STD output	High output
Power(W/m W/ft)	5/1.5	10/3.1	15/4.6
Efficacy(lm/W) @4000K	30	35	32
Max. Ambient tempt.(Ta <sub>max</sub> )	55°C /131°F	45°C /113°F	35°C /95°F

(Lm/m)

CCT	2700K	3000K	3500K	4000K	5300K	Max. Run Length	Unit Cut
5W/M	146	156	160	150	155	27M	50mm
*10W/M	324	346	355	346	349	17M	50mm
15W/M	436	492	500	475	490	14M	50mm

Note:

- When ambient temperature reaches 55°C, the power is suggested to be 5W/M.
- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



**2 STEP**

**UV PROTECTED**

**WATERPROOF IP67**

**L70B10 >54000H**  
**LUMILEDS**

**30MTS / REEL AVAILABLE**

**RESISTANT TO SOLVENTS**

**ONE BIN ONLY**  
 Color consistency  
 Today and tomorrow

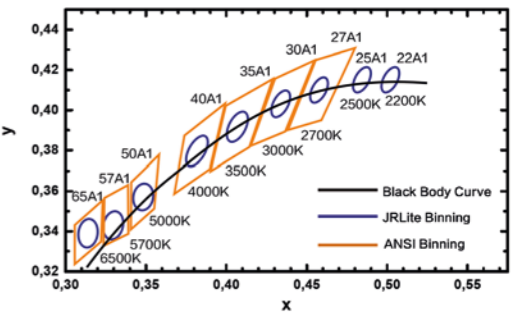


## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 1220 WHT	27=2700K	05000=5M/196.85'	005=5W	F=FRONT
	30=3000K		010=10W	S=SIDE
	35=3500K		015=15W	B=BOTTOM
	40=4000K			
	53=5300K			

Example:  
 ASTON 1220 WHT-40-05000-010-S:  
 LEDLINE ASTON 1220 WHT, 4000K,  
 5M/reel, 10W/M, Side cable entry

- 1.Max production length 30meters per reel, and the standard packaging is 10meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.Patented easy endcap achieves mechanical IP67 waterproof without any glue.
- 4.It is IK08 rated.



## VARIOUS CONNECTIONS



**Front Cable Entry**  
 The cable could be hidden in all directions by the flexible design.  
 DIY connector optional

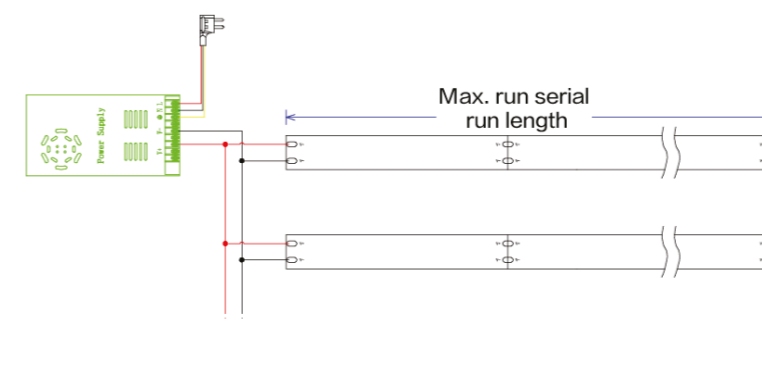


**Side Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.  
 DIY connector optional



**Bottom Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.  
 DIY connector optional

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

5W/M - 27M Max. Single Run Length;  
 10W/M - 17M Max. Single Run Length;  
 15W/M - 14M Max. Single Run Length;  
 The strip is 10m/reel at standard.

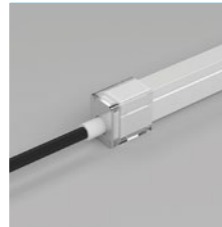
-Please contact us if >150W power supply is needed.

-Please contact us if you need dimmable function.

## ACCESSORIES



Aluminium Profile  
Order Code: AC015-AP  
Dimension: 1000x17.3x21.1mm/  
39.37"x0.68"x0.83"(LxWxH)  
Material: aluminium  
Color: silver



End Cap 2PIN  
Order Code: AD008-2-F  
Dimension: 26.5x17x24.2mm/  
1.04"x0.67"x0.95"(LxWxH)  
Color: transparent  
Cable Entry: front



Mounting Clips  
Order Code: AC016-SET  
Dimension: 20x12.6x18.9mm/  
0.79"x0.50"x0.74"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strips needs  
2 clips + 2 screws



End Cap 2PIN  
Order Code: AD008-2-S  
Dimension: 26.5x17x24.2mm/  
1.04"x0.67"x0.95"(LxWxH)  
Color: transparent  
Cable Entry: side



IP67 Connector 2PIN  
Order Code: AD007-2  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500  
mating cycles



End Cap 2PIN  
Order Code: AD008-2-B  
Dimension: 26.5x17x24.2mm/  
1.04"x0.67"x0.95"(LxWxH)  
Color: transparent  
Cable Entry: bottom



LEDLINE ASTON Scissor  
Order Code: AF001-1



Closed End Cap  
Order Code: AD009  
Dimension: 26.5x17x24.2mm/  
1.04"x0.67"x0.95"(LxWxH)  
Material: stainless steel  
Color: silver

## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

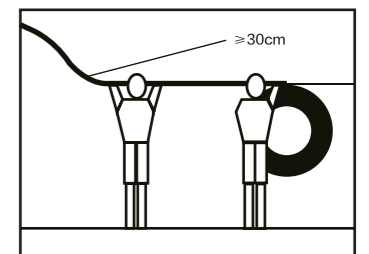
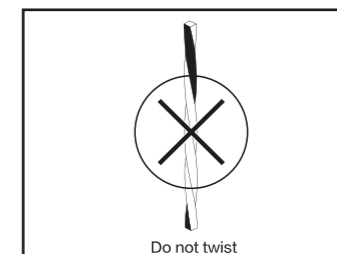
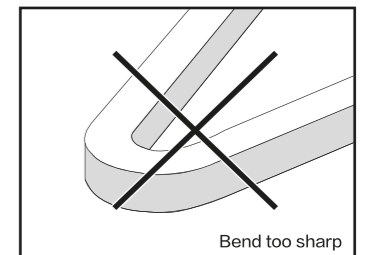
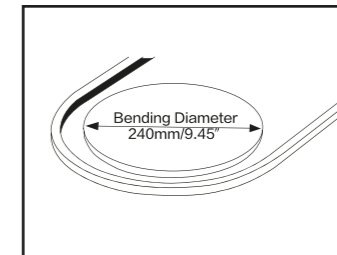
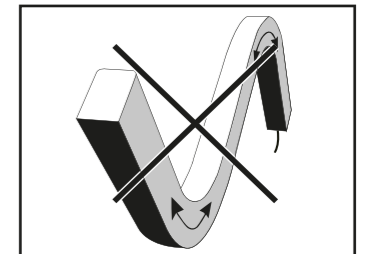
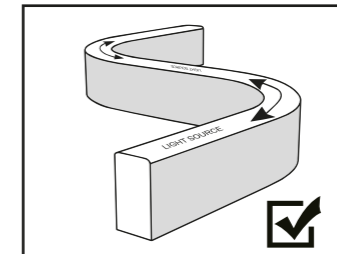


## APPLICATION

- ▶ Facade lighting, contour lighting and landscape lighting.
- ▶ Solutions for retail shops.
- ▶ Signage and illuminated advertising.
- ▶ Ideal for architectural lighting, coves, object integration.

## ADDITIONAL INFO.

- ▶ Please Light it up for a quick check before installation.
- ▶ Bending diameter of LEDLINE ASTON 1220 WHT is 240mm, do not bend to upward or downward direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in Product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

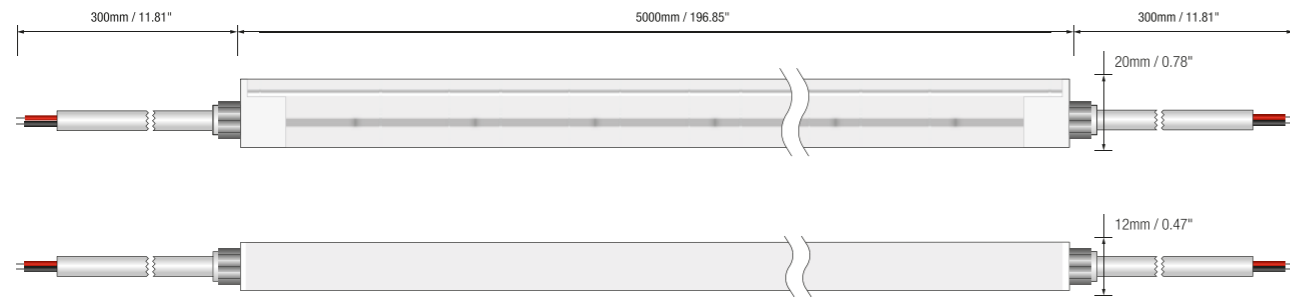


# LEDLINE ASTON 1220 IQ



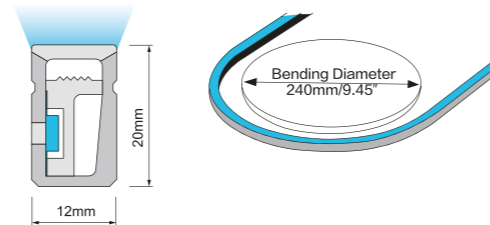
-LEDLINE ASTON 1220 IQ, DC24V. Cross section size 12mm x 20mm / 0.47" x 0.79" (W x H), which is horizontal bending with radius of 120mm / 4.72".  
 -IP67 protected, UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
 -3-Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 59.4°C /138.92°F
Storage Temperature	-25°C /-13°F <sub>min</sub> ; 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>a min</sub> = -25°C /-13°F; T <sub>a max</sub> = 35°C /95°F@15W T <sub>a max</sub> = 45°C /113°F@7.5W(Single Color)
CRI	Ra80
Power(W/m W/ft)	15/4.6
Efficacy(lm/W) @5300K	36



CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
2700K	270	7.5W/M	5M	50mm
5300K	270	7.5W/M	5M	50mm
2700K+5300K	523	15W/M	5M	50mm

### Note:

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



**3 STEP**

**UV PROTECTED**

**WATERPROOF IP67**

**L70B10 >54000H**  
**LUMILEDS**

**30MTS / REEL AVAILABLE**

**RESISTANT TO SOLVENTS**

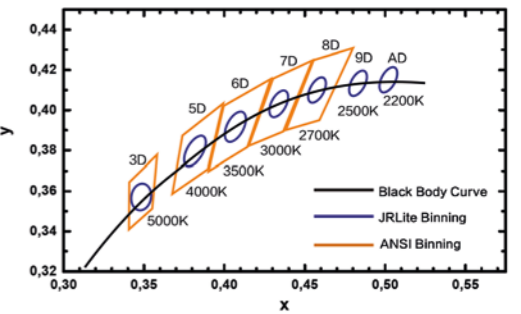
**ONE BIN ONLY**  
 Color consistency  
 Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 1220 IQ	2753=2700+5300K	05000=5M/196.85"	015=15W	F=FRONT S=SIDE B=BOTTOM

Example:  
 ASTON 1220 IQ -2753-01500-015-F:  
 LEDLINE ASTON 1220 Tunnable  
 white2700K+5300K, 1.5M/reel, 15W/ M,  
 Front cable entry

1. Max production length 30meters per reel, and the standard packaging is 10meters per reel.
2. Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
3. Patented easy endcap achieves mechanical IP67 waterproof without any glue.
4. It is IK08 rated.



## VARIOUS CONNECTIONS



**Front Cable Entry**  
 The cable could be hidden in all directions by the flexible design.  
 DIY connector optional

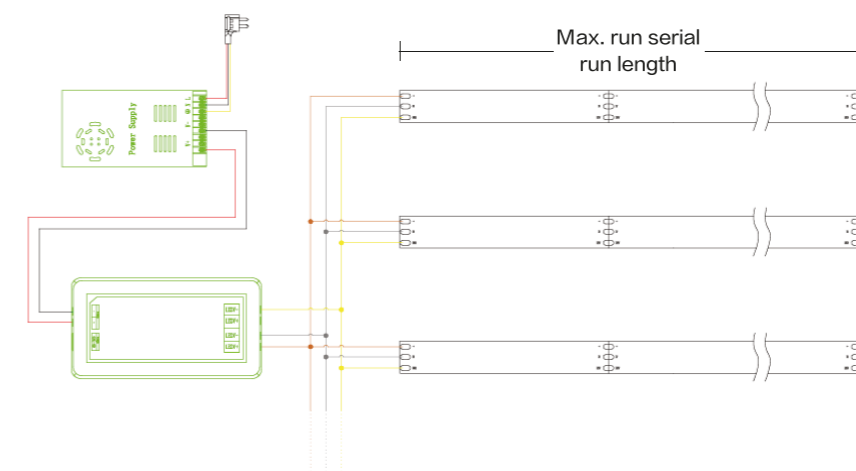


**Side Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.  
 DIY connector optional



**Bottom Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.  
 DIY connector optional

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

15W/M - 5M Max. Single Run Length;  
 The strip is 10m/reel at standard.

-Please contact us if >150W power supply is needed.

## ACCESSORIES



Aluminium Profile  
Order Code: AC015-AP  
Dimension: 1000x17.3x21.1mm/  
39.37"x0.68"x0.83"(LxWxH)  
Material: aluminium  
Color: silver



End Cap 3PIN  
Order Code: AD008-3-F  
Dimension: 26.5x17x24.2mm/  
1.04"x0.67"x0.95"(LxWxH)  
Color: transparent  
Cable Entry: front



Mounting Clips  
Order Code: AC016-SET  
Dimension: 20x12.6x18.9mm/  
0.79"x0.50"x0.74"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strips needs  
2 clips + 2 screws



End Cap 3PIN  
Order Code: AD008-3-S  
Dimension: 26.5x17x24.2mm/  
1.04"x0.67"x0.95"(LxWxH)  
Color: transparent  
Cable Entry: side



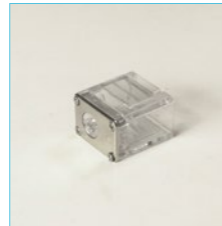
IP67 Connector 3PIN  
Order Code: AD007-3  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500  
mating cycles



End Cap 3PIN  
Order Code: AD008-3-B  
Dimension: 26.5x17x24.2mm/  
1.04"x0.67"x0.95"(LxWxH)  
Color: transparent  
Cable Entry: bottom



LEDLINE ASTON Scissor  
Order Code: AF001-1



Closed End Cap  
Order Code: AD009  
Dimension: 26.5x17x24.2mm/  
1.04"x0.67"x0.95"(LxWxH)  
Material: stainless steel  
Color: silver

## CONTROLLER & DRIVER



Order code: M2+M3-3A  
RF Controller  
DC24V, 3A\*2Channel, Max 6A  
IP20, Support remote control



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.

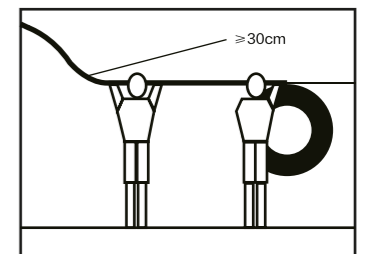
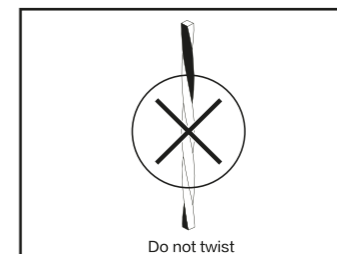
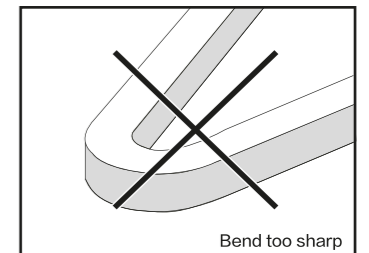
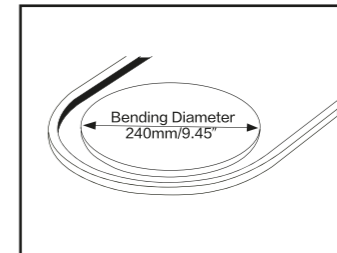
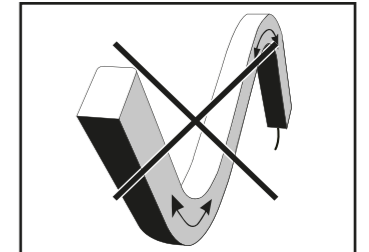
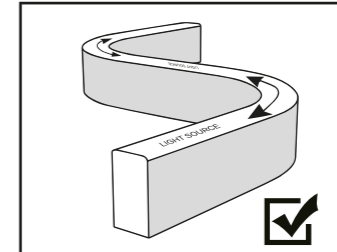


## APPLICATION

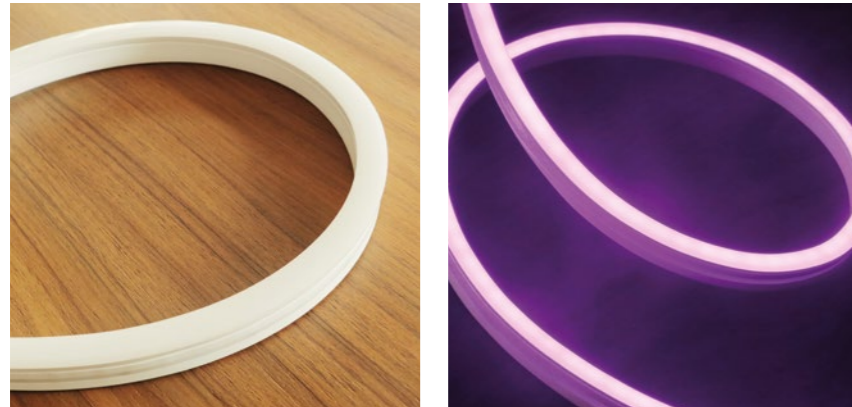
- ▶ Hotel, restaurant, handrails lighting.
- ▶ Shop, residential, offices lighting.
- ▶ Organic shaped luminaires.
- ▶ Ideal for architectural lighting, object integration and signage.

## ADDITIONAL INFO.

- ▶ Please Light it up for a quick check before installation.
- ▶ Bending diameter of LEDLINE ASTON 1220 IQ is 240mm, do not bend to upward or downward direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in Product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

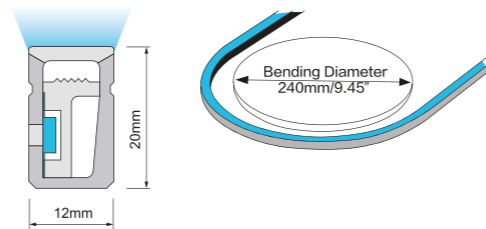
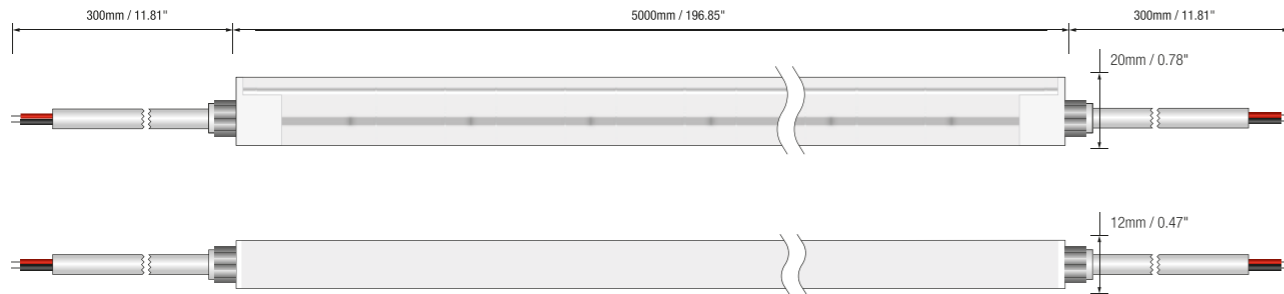


# LEDLINE ASTON 1220 RGB



-LEDLINE ASTON 1220 RGB, DC24V. Cross section size 12mm x 20mm/ 0.47" x 0.79" (W x H), which is horizontal bending with radius of 120mm / 4.72".  
 -IP67 protected, UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
 -ONE BIN only and dot free MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



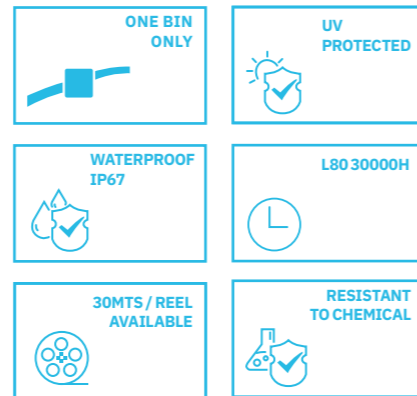
### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 59.4°C /138.92°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> =-25°C /-13°F, Ta <sub>max</sub> =35°C /95°F
Power(W/m W/ft)	11/3.4
Efficacy(lm/W)	18.2

CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
R	41	3.7W/M	13M	125mm
G	140	3.7W/M	13M	125mm
B	23	3.7W/M	13M	125mm
RGB	200	11W/M	13M	125mm

### Note:

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 1220 RGB	RGB	05000=5M/196.85"	011=11W	F=FRONT S=SIDE B=BOTTOM

Example:  
 ASTON 1220 RGB-05000-011-B:  
 LEDLINE ASTON 1220 RGB, 5M/  
 reel, 11W/M, Bottom cable entry

- 1.Max production length 30meters per reel, and the standard packaging is 10meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.Patented easy endcap achieves mechanical IP67 waterproof without any glue.
- 4.It is IK08 rated.

## VARIOUS CONNECTIONS



**Front Cable Entry**  
 The cable could be hidden in all directions by the flexible design.  
 DIY connector optional

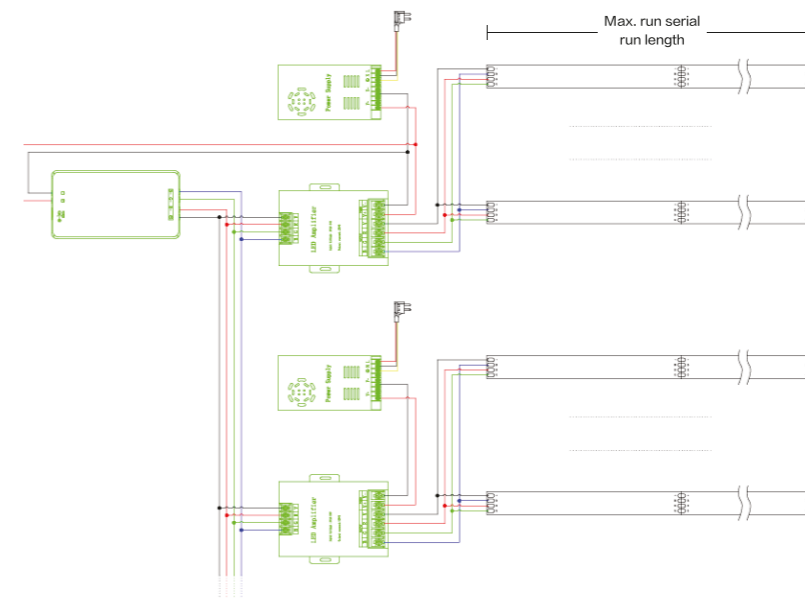


**Side Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.  
 DIY connector optional



**Bottom Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.  
 DIY connector optional

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

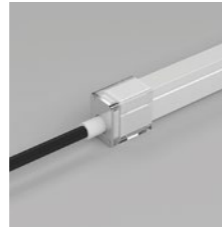
11W/M - 13M Max. Single Run Length;  
 The strip is 10m/reel at standard.

-Please contact us if >150W power supply is needed.

## ACCESSORIES



Aluminium Profile  
Order Code: AC015-AP  
Dimension: 1000x17.3x21.1mm/  
39.37"x0.68"x0.83"(LxWxH)  
Material: aluminium  
Color: silver



End Cap 4PIN  
Order Code: AD008-4-F  
Dimension: 26.5x17x24.2mm/  
1.04"x0.67"x0.95"(LxWxH)  
Color: transparent  
Cable Entry: front



Mounting Clips  
Order Code: AC016-SET  
Dimension: 20x12.6x18.9mm/  
0.79"x0.50"x0.74"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strips needs  
2 clips + 2 screws



End Cap 4PIN  
Order Code: AD008-4-S  
Dimension: 26.5x17x24.2mm/  
1.04"x0.67"x0.95"(LxWxH)  
Color: transparent  
Cable Entry: side



IP67 Connector 4PIN  
Order Code: AD007-4  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500  
mating cycles



End Cap 4PIN  
Order Code: AD008-4-B  
Dimension: 26.5x17x24.2mm/  
1.04"x0.67"x0.95"(LxWxH)  
Color: transparent  
Cable Entry: bottom



LEDLINE ASTON Scissor  
Order Code: AF001-1



Closed End Cap  
Order Code: AD009  
Dimension: 26.5x17x24.2mm/  
1.04"x0.67"x0.95"(LxWxH)  
Material: stainless steel  
Color: silver

## CONTROLLER & DRIVER



Order code: M6+M3-3A  
RF Controller  
DC24V, 3A\*3Channel, Max 9A  
IP20, Support remote control



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

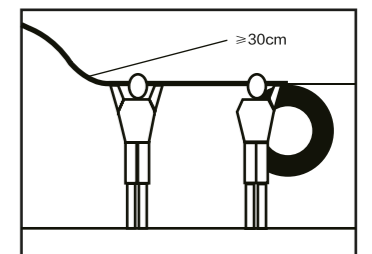
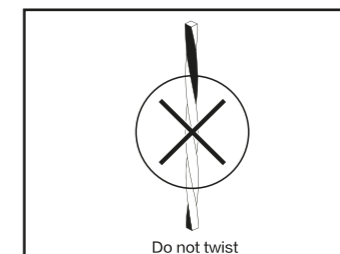
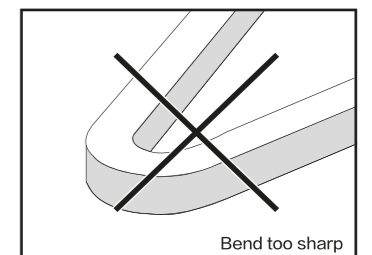
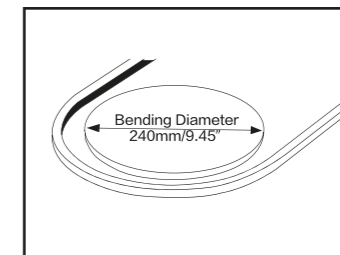
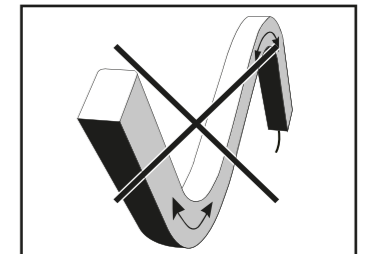
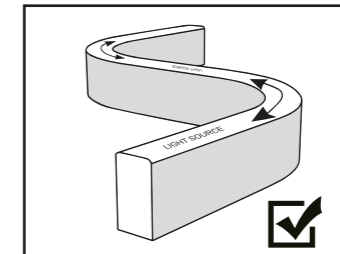


## APPLICATION

- Suitable for bar, ceiling and wall lighting application.
- Ideal for color dynamic application with excellent color rendition and high power levels.

## ADDITIONAL INFO.

- Please Light it up for a quick check before installation.
- Bending diameter of LEDLINE ASTON 1220 RGB is 240mm, do not bend to upward or downward direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 3 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

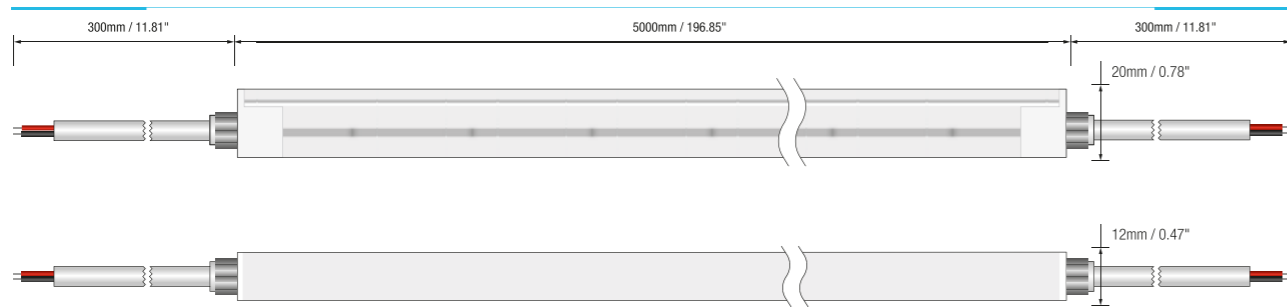


# LEDLINE ASTON 1220 RGBW



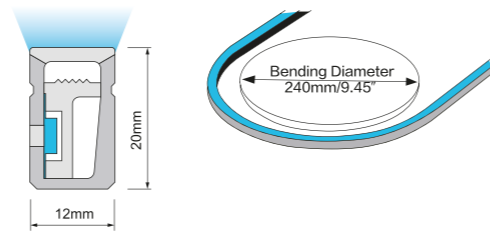
-LEDLINE ASTON 1220 RGBW, DC24V. Cross section size 12mm x 20mm/ 0.47" x 0.79" (W x H), which is horizontal bending with radius of 120mm / 4.72".  
 -IP67 protected, UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
 -ONE BIN only and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 59.4°C /138.92°F
Storage Temperature	-25°C /-13°F <sub>min</sub> ; 60°C /140°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> =-25°C /-13°F; Ta <sub>max</sub> =35°C /95°F@15W Ta <sub>max</sub> =55°C /131°F@3.75W(Single Color)
Power(W/m W/ft)	15/4.6
Efficacy(lm/W) @5300K	32.8



CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
R	36	3.75W/M	10M	125mm
G	107	3.75W/M	10M	125mm
B	34	3.75W/M	10M	125mm
W27	122	3.75W/M	10M	125mm
W40	136	3.75W/M	10M	125mm
W53	123	3.75W/M	10M	125mm
RGBW40	313	15W/M	10M	125mm

### Note:

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



ONE BIN ONLY

UV PROTECTED

WATERPROOF IP67

L80 30000H

30MTS / REEL AVAILABLE

RESISTANT TO CHEMICAL

Color consistency Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 1220 RGBW	27=2700K	05000=5M/196.85"	015=15W	F=FRONT
	35=3500K			S=SIDE
	53=5300K			B=BOTTOM

Example:  
 ASTON 1220 RGBW27-05000-015-F:  
 LEDLINE ASTON 1220 RGBW2700K, 5M/reel, 15W/M, Front cable entry

- 1.Max production length 30meters per reel, and the standard packaging is 10meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.Patented easy endcap achieves mechanical IP67 waterproof without any glue.
- 4.It is IK08 rated.

## VARIOUS CONNECTIONS



**Front Cable Entry**  
 The cable could be hidden in all directions by the flexible design.  
 DIY connector optional

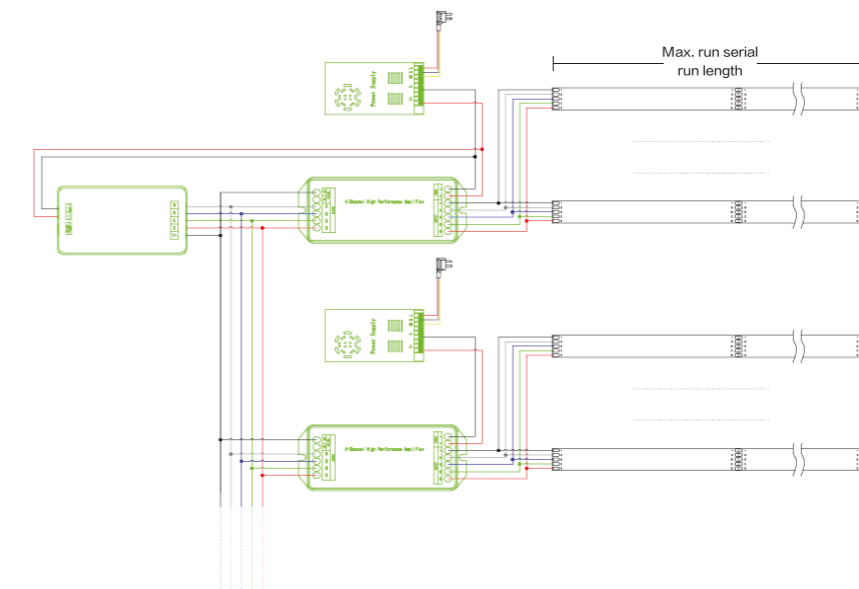


**Side Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.  
 DIY connector optional



**Bottom Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.  
 DIY connector optional

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

15W/M - 10M Max. Single Run Length;  
 The strip is 10m/reel at standard.

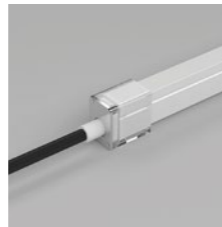
-Please contact us if >150W power supply is needed.



## ACCESSORIES



Aluminium Profile  
Order Code: AC015-AP  
Dimension: 1000x17.3x21.1mm/  
39.37"x0.68"x0.83"(LxWxH)  
Material: aluminium  
Color: silver



End Cap 5PIN  
Order Code: AD008-5-F  
Dimension: 26.5x17x24.2mm/  
1.04"x0.67"x0.95"(LxWxH)  
Color: transparent  
Cable Entry: front



Mounting Clips  
Order Code: AC016-SET  
Dimension: 20x12.6x18.9mm/  
0.79"x0.50"x0.74"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strips needs  
2 clips + 2 screws



End Cap 5PIN  
Order Code: AD008-5-S  
Dimension: 26.5x17x24.2mm/  
1.04"x0.67"x0.95"(LxWxH)  
Color: transparent  
Cable Entry: side



IP67 Connector 5PIN  
Order Code: AD007-5  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500  
mating cycles



End Cap 5PIN  
Order Code: AD008-5-B  
Dimension: 26.5x17x24.2mm/  
1.04"x0.67"x0.95"(LxWxH)  
Color: transparent  
Cable Entry: bottom



LEDLINE ASTON Scissor  
Order Code: AF001-1



Closed End Cap  
Order Code: AD009  
Dimension: 26.5x17x24.2mm/  
1.04"x0.67"x0.95"(LxWxH)  
Material: stainless steel  
Color: silver

## CONTROLLER & DRIVER



Order code: M4+M4-3A  
RF Controller  
DC24V, 3A\*4Channel, Max 12A  
IP20, Support remote control



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

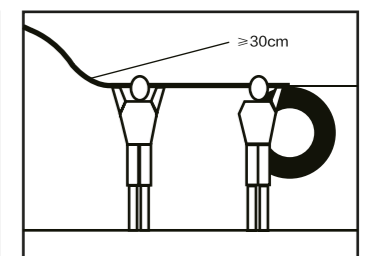
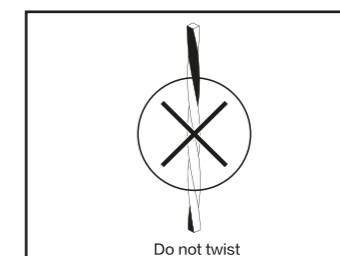
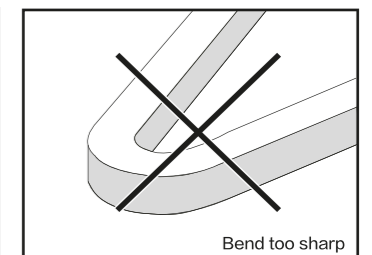
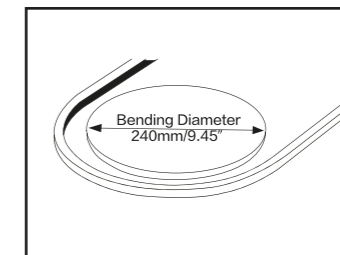
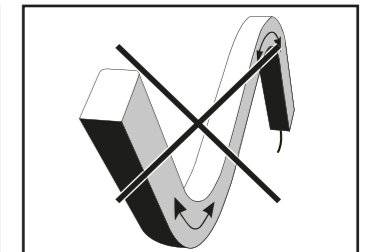
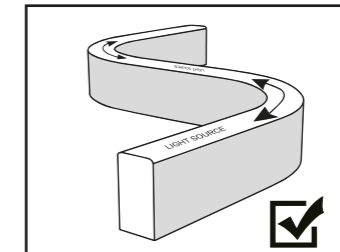


## APPLICATION

- Suitable for bar, ceiling and wall lighting application.
- Ideal for color dynamic application with excellent color rendition and high power levels.

## ADDITIONAL INFO.

- Please Light it up for a quick check before installation.
- Bending diameter of LEDLINE ASTON 1220 RGBW is 240mm, do not bend to upward or downward direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in Product itself for 3 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

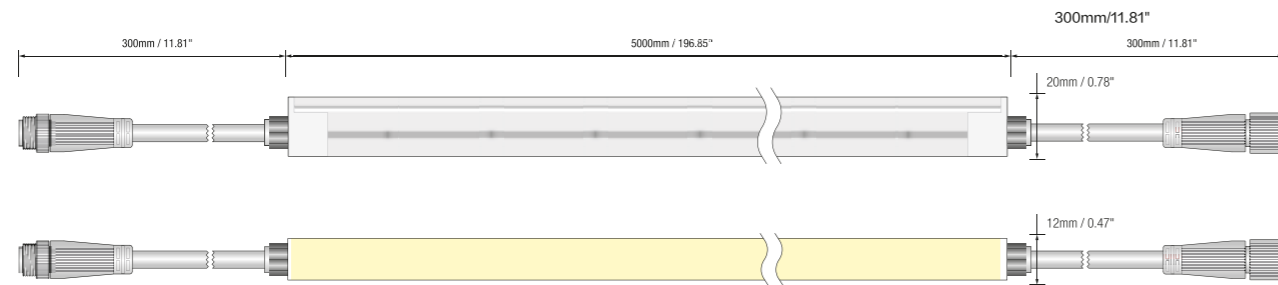


# LEDLINE ASTON 1220 MEDIA

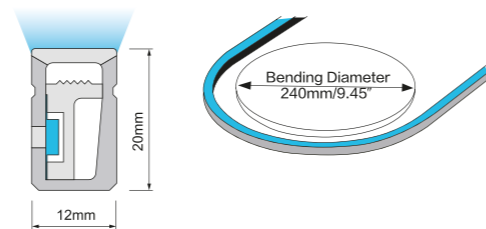


-LEDLINE ASTON 1220 MEDIA, DC24V. Cross section size 12mm x 20mm/ 0.47" x 0.79" (W x H), which is horizontal bending with radius of 120mm / 4.72".  
 -IP67 protected, UV resistant, chemical resistant and easy plug and connection for indoor & outdoor solutions.  
 -DMX512 control mode and dor free lighting guarantee the most excellent color changing performance over rated lifetime.

## DIMENSION



Electrical data	
Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 59.4°C /138.92°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>a min</sub> = -25°C /-13°F, T <sub>a max</sub> = 45°C /113°F
Power(W/m W/ft)	10/3.1
Efficacy(lm/W)	14
Gray Scale	65536
Pixel/M	8
Control Mode	DMX 512



CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
R	31	3.3W/M	5M	125mm
G	92	3.3W/M	5M	125mm
B	18	3.3W/M	5M	125mm
RGB	138	10W/M	5M	125mm

Note:  
 -Max. run length refers to single side feed in serial connection.  
 -The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.  
 -The given color temperature is the temperature of finished product.



ONE BIN ONLY

UV PROTECTED

WATERPROOF IP67

L8030000H

SMTS / REEL AVAILABLE

RESISTANT TO CHEMICAL

ONE BIN ONLY

Color consistency Today and tomorrow

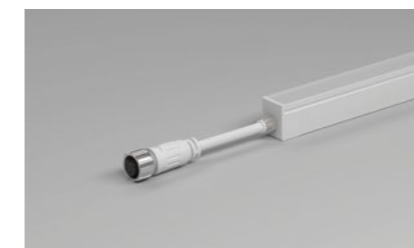
## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 1220 MEDIA	RGB	05000=5M/196.85"	010=10W	F=FRONT S=SIDE B=BOTTOM

Example:  
 ASTON 1220 MEDIA RGB-05000-010-F:  
 LEDLINE ASTON 1220 MEDIA Digital RGB, 5M/reel, 10W/M, Front cable entry

1. Max production length 30meters per reel, and the standard packaging is 5meters per reel.
2. The standard product with female and male connectors is for ready wiring setup, and for easy plug and play.
3. Continuous light without light interruption.
4. It is no IK-Rated, please don't walk on it without protection.

## VARIOUS CONNECTIONS



**Front Cable Entry**  
 The cable could be hidden in all directions by the flexible design.

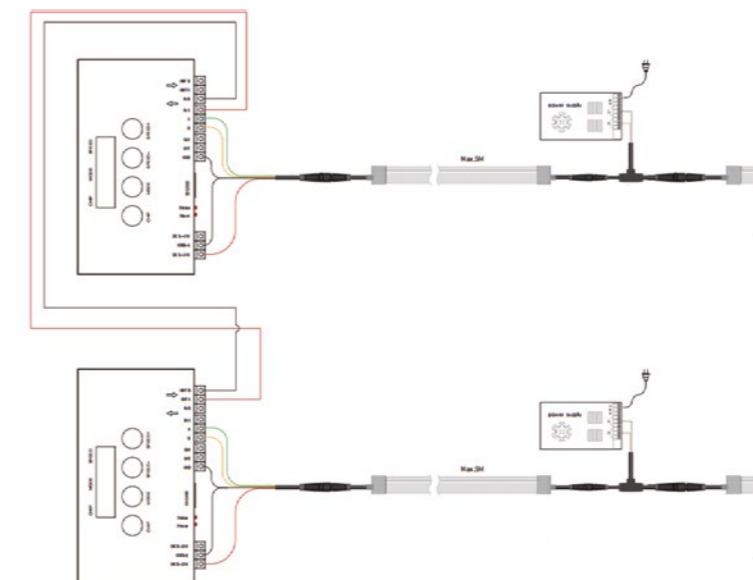


**Side Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.



**Bottom Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:  
 10W/M - 5M Max. Single Run Length;  
 The strip is 5m/reel at standard.  
 -Please contact us if >150W power supply is needed.

## ACCESSORIES



Aluminium Profile  
Order Code: AC015-AP  
Dimension: 1000x14.4x21.4mm/39.37"x0.57"x0.84"(LxWxH)  
Material: aluminium  
Color: silver



End Cap 5PIN Digital  
Order Code: AD008-5D-F  
Dimension: 13x15x22.5mm/0.51"x0.59"x0.89"(LxWxH)  
Color: White  
Cable Entry: front



Mounting Clips  
Order Code: AC016-SET  
Dimension: 20x12.6x18.9/0.79"x0.50"x0.74"  
Material: stainless steel  
Color: silver  
Each meter led strips needs 2 clips + 2 screws



End Cap 5PIN Digital  
Order Code: AD008-5D-S  
Dimension: 13x15x22.5mm/0.51"x0.59"x0.89"(LxWxH)  
Color: White  
Cable Entry: side



IP67 Connector 5PIN Digital  
Order Code: AD007-5D  
Wire gauge: 0.326mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)



End Cap 5PIN Digital  
Order Code: AD008-5D-B  
Dimension: 13x15x22.5mm/0.51"x0.59"x0.89"(LxWxH)  
Color: White  
Cable Entry: bottom



LEDLINE ASTON Scissor  
Order Code: AF001-1



Closed End Cap  
Order Code: AD009-D  
Dimension: 13x15x22.5mm/0.51"x0.59"x0.89"(LxWxH)  
Material: silicone  
Color: White



IP67 Signal Connector  
Order Code: AD020  
Wire Gauge: 0.326mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)



IP67 T Type Connector  
Order Code: AD021  
Wire Gauge: 0.326mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)

## CONTROLLER & DRIVER



Order Code: K-1000C  
SD Card program Controller  
DC5-24V, 2W output, 128MB-3GB capacity.



Order Code: SM-XMQ1000A  
Coder  
9PCS built-in effects, only support DMX512 protocol chip.



Order Code: T-780K  
DMX Controller  
DC5-24V, 8 channels, 5W output, Madrix system compatible.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.

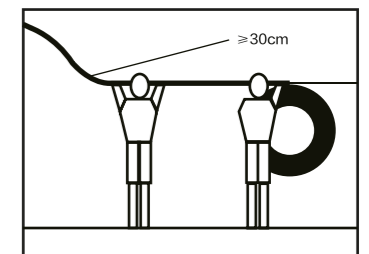
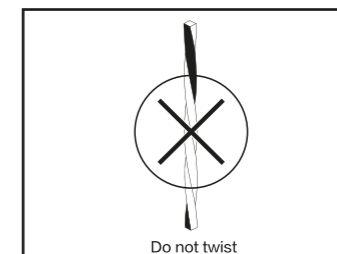
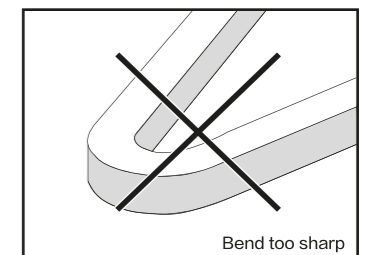
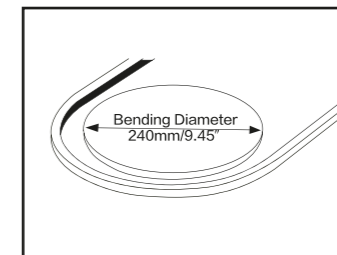
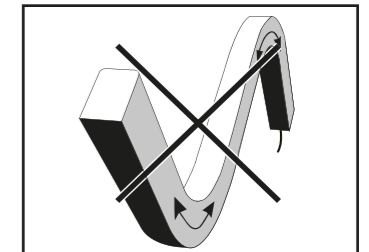
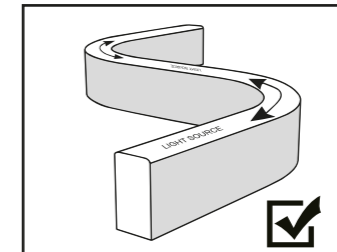


## APPLICATION

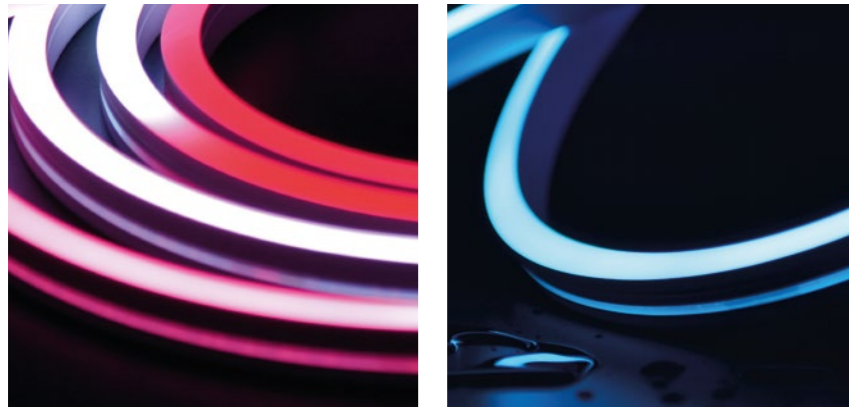
- Suitable for entertainment, facade and stage lighting applications.
- Decoration lighting for game machines.

## ADDITIONAL INFO.

- Please Light it up for a quick check before installation.
- Bending diameter of LEDLINE ASTON 1220 MEDIA is 240mm, do not bend to upward or downward direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 3 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

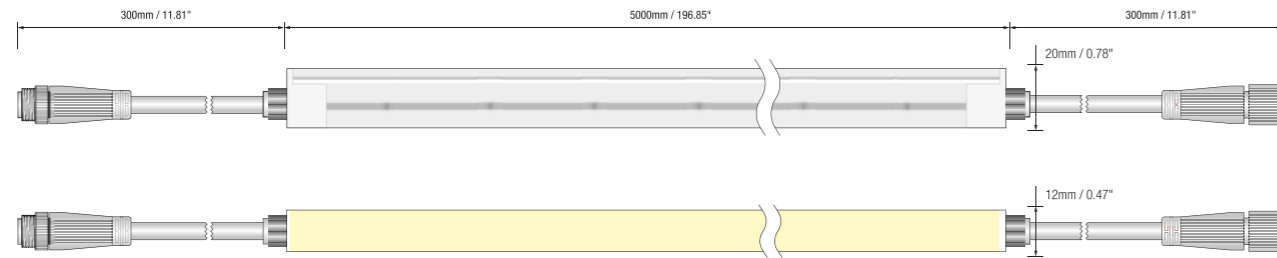


# LEDLINE ASTON 1220 MEDIA RGBW



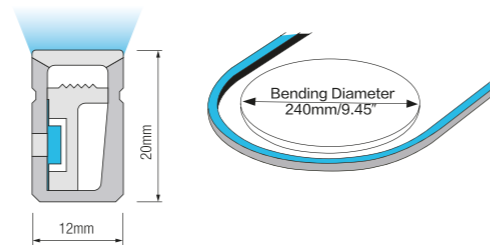
-LEDLINE ASTON 1220 MEDIA RGBW, DC24V. Cross section size 12mm x 20mm/ 0.47" x 0.79" (W x H), which is horizontal bending with radius of 120mm / 4.72".  
 -IP67 protected, UV resistant, chemical resistant and easy plug and connection for indoor & outdoor solutions.  
 -DMX512 control mode and dor free lighting guarantee the most excellent color changing performance over rated lifetime.

## DIMENSION



### Electrical data

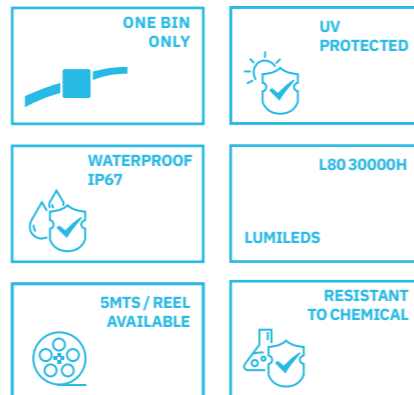
Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 59.4°C /138.92°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> =-25°C /-13°F, Ta <sub>max</sub> =45°C /113°F
Power(W/m W/ft)	14/4.3
Efficacy(lm/W)	37
Gray Scale	256
Pixel/M	8
Control Mode	DMX 512



CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
R	23	3.5W/M	5M	125mm
G	70	3.5W/M	5M	125mm
B	19	3.5W/M	5M	125mm
W27	118	3.5W/M	5M	125mm
W40	129	3.5W/M	5M	125mm
W53	120	3.5W/M	5M	125mm
RGBW40	241	14W/M	5M	125mm

### Note:

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 1220 MEDIA RGBW	27=2700K	05000=5M/196.85"	014=14W	F=FRONT
	40=4000K			S=SIDE
	53=5300K			B=BOTTOM

Example:  
 ASTON 1220 MEDIA RGBW27-05000-014-F:  
 LEDLINE ASTON 1220 MEDIA Digital RGBW2700K, 5M/reel, 14W/M, Front cable entry

- 1.Max production length 30meters per reel, and the standard packaging is 5meters per reel.
- 2.The standard product with female and male connectors is for ready wiring setup, and for easy plug and play.
- 3.Continuous light without light interruption.
- 4.It is no IK-Rated, please don't walk on it without protection.

## VARIOUS CONNECTIONS



**Front Cable Entry**  
 The cable could be hidden in all directions by the flexible design.

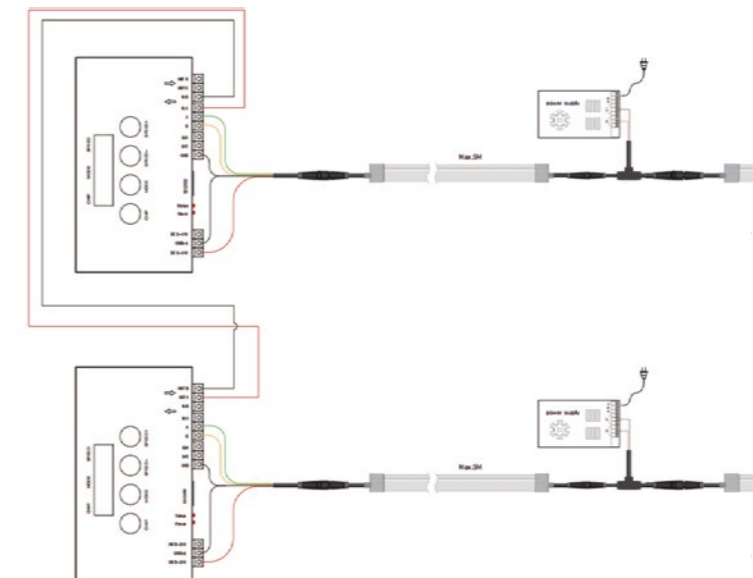


**Side Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.



**Bottom Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

14W/M - 5M Max. Single Run Length;  
 The strip is 5m/reel at standard.

-Please contact us if >150W power supply is needed.

## ACCESSORIES



Aluminium Profile  
Order Code: AC015-AP  
Dimension: 1000x14.4x21.4mm/39.37"x0.57"x0.84" (LxWxH)  
Material: aluminium  
Color: silver



End Cap 5PIN Digital  
Order Code: AD008-5D-F  
Dimension: 13x15x22.5mm/0.51"x0.59"x0.89" (LxWxH)  
Color: White  
Cable Entry: front



Mounting Clips  
Order Code: AC016-SET  
Dimension: 20x12.6x18.9/0.79"x0.50"x0.74"  
Material: stainless steel  
Color: silver  
Each meter led strips needs 2 clips + 2 screws



End Cap 5PIN Digital  
Order Code: AD008-5D-S  
Dimension: 13x15x22.5mm/0.51"x0.59"x0.89" (LxWxH)  
Color: White  
Cable Entry: side



IP67 Connector 5PIN Digital  
Order Code: AD007-5D  
Wire gauge: 0.326mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)



End Cap 5PIN Digital  
Order Code: AD008-5D-B  
Dimension: 13x15x22.5mm/0.51"x0.59"x0.89" (LxWxH)  
Color: White  
Cable Entry: bottom



LEDLINE ASTON Scissor  
Order Code: AF001-1



Closed End Cap  
Order Code: AD009-D  
Dimension: 13x15x22.5mm/0.51"x0.59"x0.89" (LxWxH)  
Material: silicone  
Color: White



IP67 Signal Connector  
Order Code: AD020  
Wire Gauge: 0.326mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)



IP67 T Type Connector  
Order Code: AD021  
Wire Gauge: 0.326mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)

## CONTROLLER & DRIVER



Order Code: K-1000C  
SD Card program Controller  
DC5-24V, 2W output, 128MB-3GB capacity.



Order Code: SM-XMQ1000A  
Coder  
9PCS built-in effects, only support DMX512 protocol chip.



Order Code: T-780K  
DMX Controller  
DC5-24V, 8 channels, 5W output, Madrix system compatible.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.

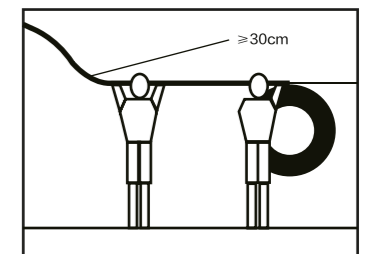
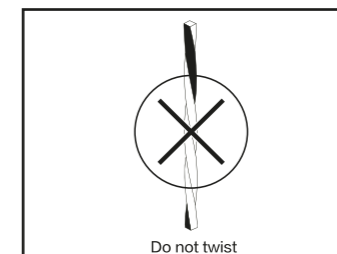
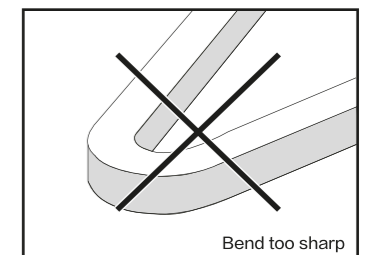
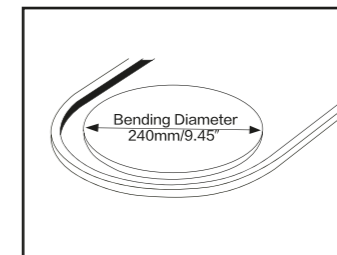
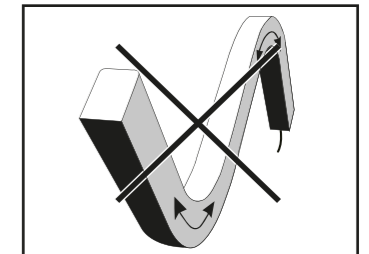
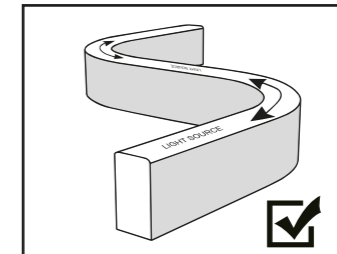


## APPLICATION

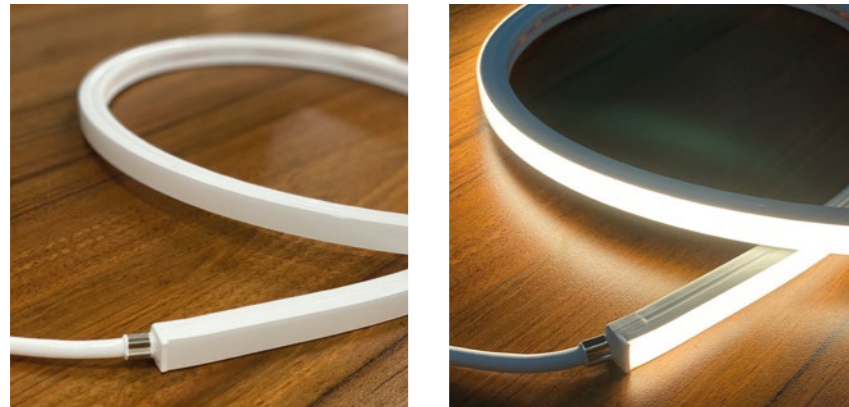
- Suitable for entertainment, facade and stage lighting applications.
- Decoration lighting for game machines.

## ADDITIONAL INFO.

- Please Light it up for a quick check before installation.
- Bending diameter of LEDLINE ASTON 1220 MEDIA RGBW is 240mm, do not bend to upward or downward direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 3 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

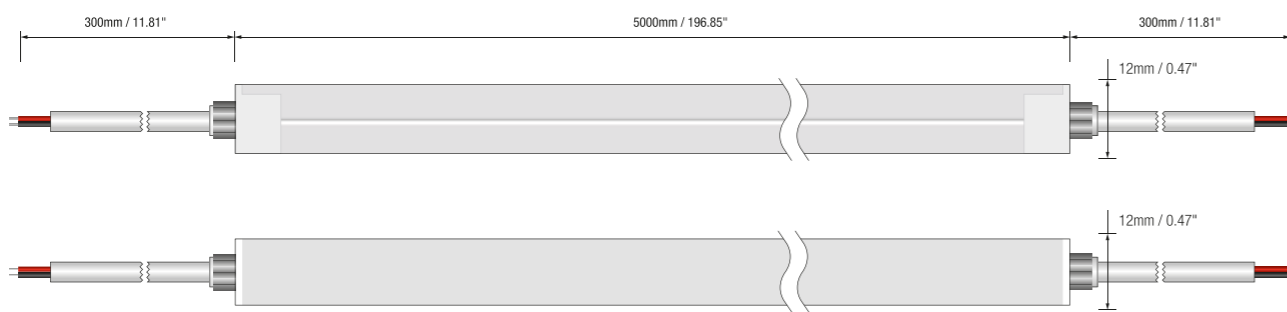


# LEDLINE ASTON 1212 WHT



-LEDLINE ASTON 1212 WHT, DC24V. Cross section size 12mm x 12mm / 0.47" x 0.47" (W x H), which is vertical bending with radius of 120mm / 4.72".  
 -IP67 protected, UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
 -2-Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 52.4°C /126.3°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> = -25°C /-13°F, Ta <sub>max</sub> (Table below)
CRI	Ra93

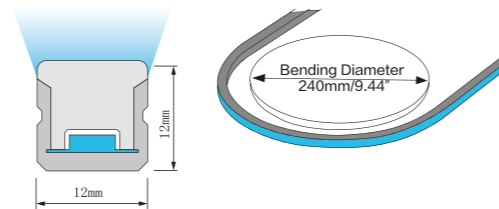
LEDLINE ASTON 1212 WHT	Low output	STD output
Power(W/m W/ft)	5/1.5	10/3.1
Efficacy(lm/W) @4000K	56.2	62.7
Max. Ambient tempt.(Ta <sub>max</sub> )	50°C /122°F	45°C /113°F

(Lm/m)

CCT	2700K	3000K	3500K	4000K	5500K	Max. Run Length	Unit Cut
5W/M	264	281	284	281	281	19M	50mm
*10W/M	630	646	677	627	644	13M	50mm

Note:

- When ambient temperature reaches 55°C, the power is suggested to be 5W/M.
- Max.run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



**2 STEP**

**UV PROTECTED**

**WATERPROOF IP67**

**L70B10 > 54000H**  
**LUMILEDS**

**30 MTS / REEL AVAILABLE**

**RESISTANT TO CHEMICAL**

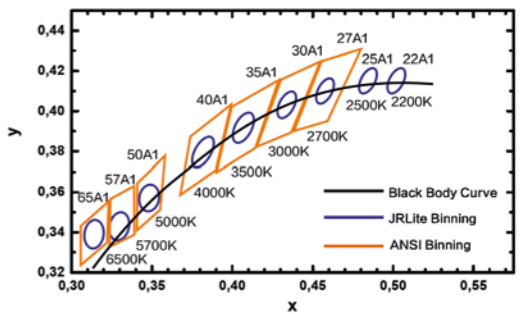


## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 1212 WHT	27=2700K	10000=10M/393.7'	005=5W	F=FRONT
	30=3000K			S=SIDE
	35=3500K		B=BOTTOM	
	40=4000K			
	55=5500K			

Example:  
 ASTON 1212 WHT-30-10000-010-F:  
 LEDLINE ASTON 1212 WHT, 3000K,  
 10M/reel, 10W/M, Front cable entry.

- 1.Max production length 30meters per reel, and the standard packaging is 10meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.Patented easy endcap achieves mechanical IP67 waterproof without any glue.
- 4.It is IK08 rated.



## VARIOUS CONNECTIONS



**Front Cable Entry**  
 The cable could be hidden in all directions by the flexible design.  
 DIY connector optional

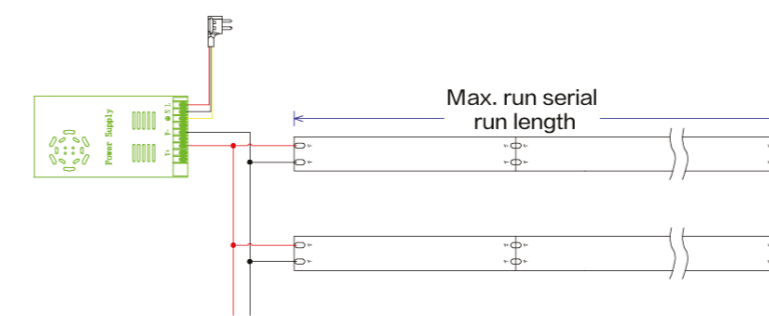


**Side Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.  
 DIY connector optional



**Bottom Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.  
 DIY connector optional

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

5W/M - 19M Max. Single Run Length;  
 10W/M - 13M Max. Single Run Length;  
 The strip is 10m/reel at standard

-Please contact us if >150W power supply is needed.

-Please contact us if you need dimmable function.

## ACCESSORIES



Aluminium Profile  
Order Code: AC017-AP  
Dimension: 1000x17.2x14mm/  
39.37"x0.68"x0.55"(LxWxH)  
Material: aluminium  
Color: silver



End Cap 2PIN  
Order Code: AD010-2-F  
Dimension: 26.5x17x16mm/1.0  
4"x0.67"x0.63"(LxWxH)  
Color: transparent  
Cable Entry: front



Mounting Clips  
Order Code: AC018-SET  
Dimension: 20x12.8x10.9mm/  
0.79"x0.50"x0.43"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strips needs  
2 clips + 2 screws



End Cap 2PIN  
Order Code: AD010-2-S  
Dimension: 26.5x17x16mm/1.0  
4"x0.67"x0.63"(LxWxH)  
Color: transparent  
Cable Entry: side



IP67 Connector 2PIN  
Order Code: AD007-2  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500  
mating cycles



End Cap 2PIN  
Order Code: AD010-2-B  
Dimension: 26.5x17x16mm/1.0  
4"x0.67"x0.63"(LxWxH)  
Color: transparent  
Cable Entry: bottom



LEDLINE ASTON Scissor  
Order Code: AF001-1



Closed End Cap  
Order Code: AD011  
Dimension: 26.5x17x16mm/  
1.04"x0.67"x0.63"(LxWxH)  
Material: stainless steel  
Color: silver

## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



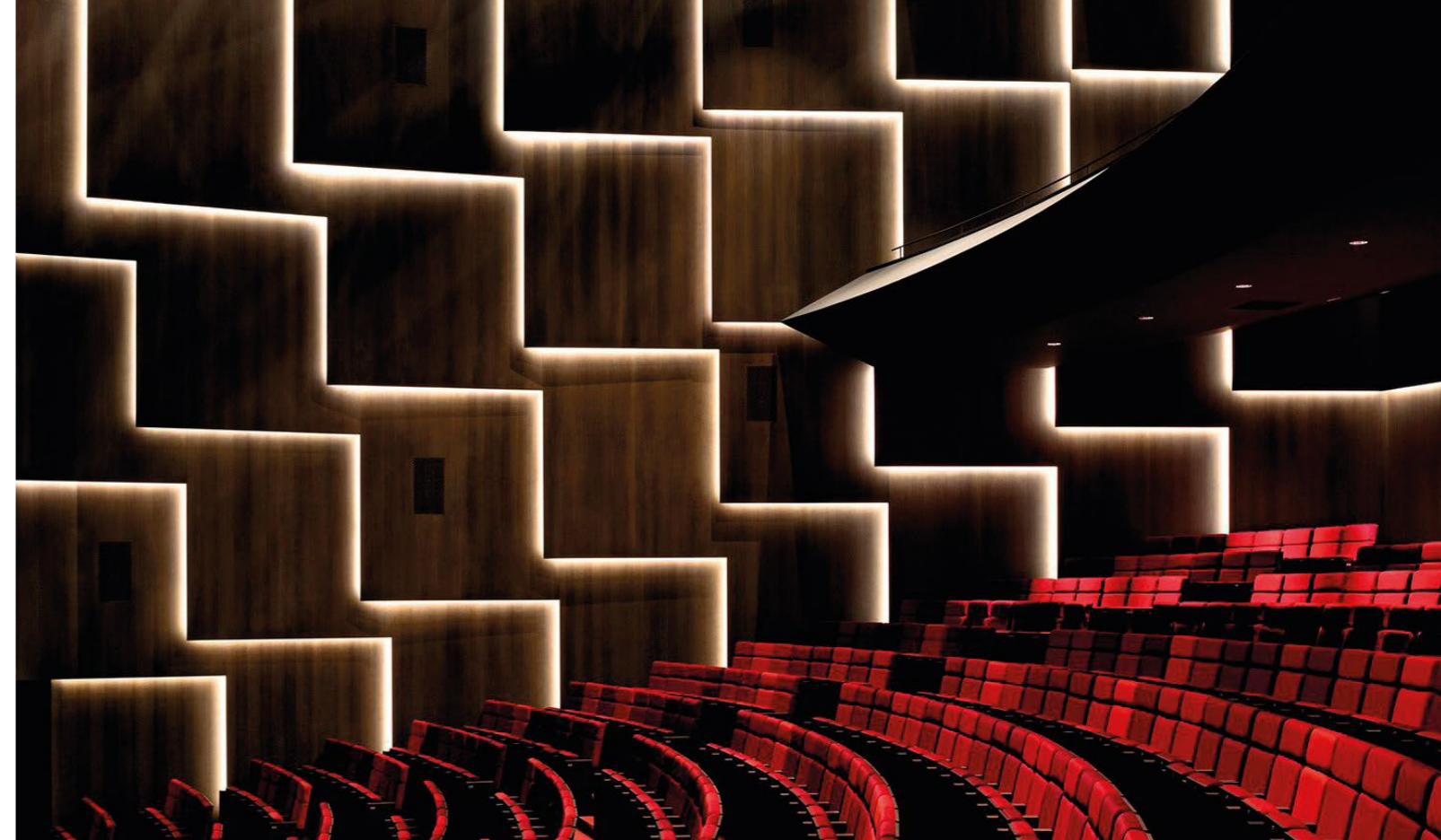
Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

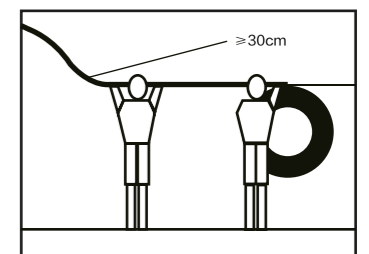
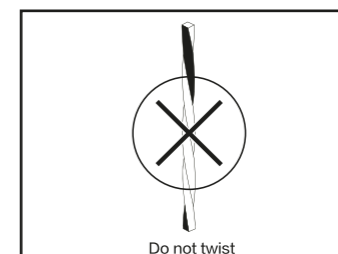
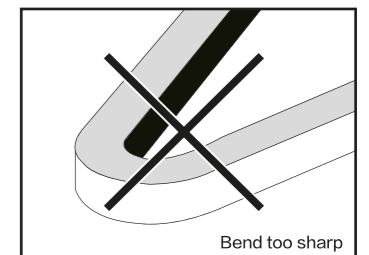
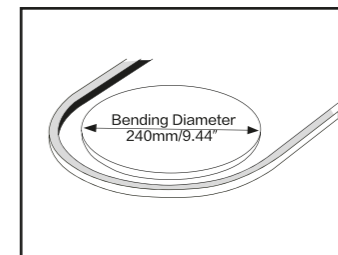
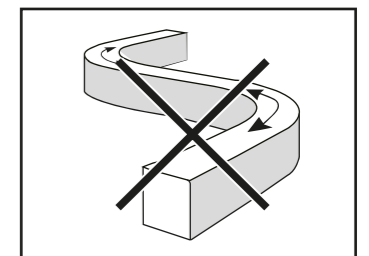
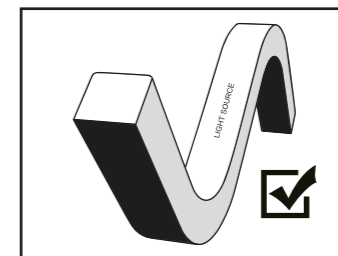


## APPLICATION

- ▶ Facade lighting, contour lighting and landscape lighting.
- ▶ Solutions for retail shop.
- ▶ Signage and illuminated advertising.
- ▶ Ideal for architectural lighting, coves, object integration.

## ADDITIONAL INFO.

- ▶ Please light up for a quick check before installation.
- ▶ Bending diameter of LEDLINE ASTON 1212 WHT is 240mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

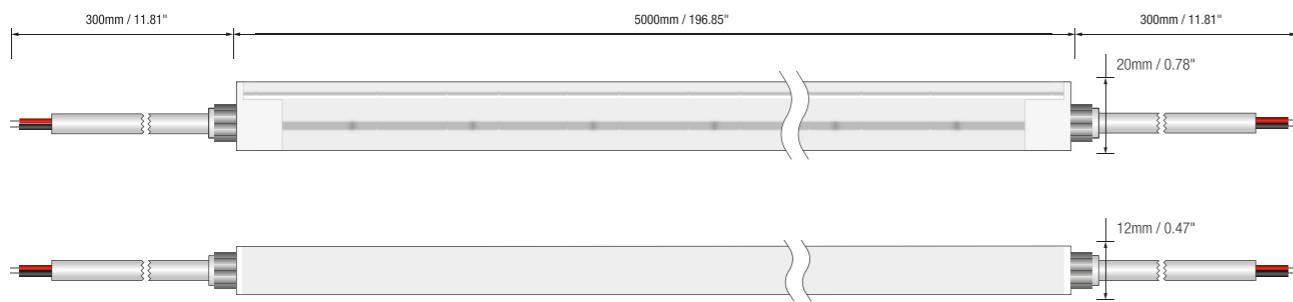


# LEDLINE ASTON 1212 IQ



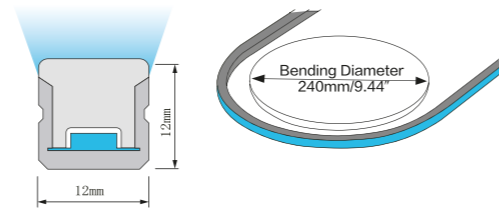
-LEDLINE ASTON 1212 IQ, DC24V. Cross section size 12mm x 12mm / 0.47" x 0.47" (W x H), which is vertical bending with radius of 120mm / 4.72".  
 -IP67 protected, UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
 -3-Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 52.4°C /126.3°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>a min</sub> = -25°C /-13°F; T <sub>a max</sub> = 45°C /113°F@10W T <sub>a max</sub> = 45°C /113°F@5W(Single Color)
CRI	Ra80
Power(W/m W/ft)	10/3.1
Efficacy(lm/W) @5700K	73



CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
2700K	356	5W/M	5M	50mm
5500K	365	5W/M	5M	50mm
2700K+5500K	708	10W/M	5M	50mm

### Note:

- Max.run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



3 STEP

UV PROTECTED

WATERPROOF IP67

L70B10 > 54000H

LUMILEDS

30 MTS / REEL AVAILABLE

RESISTANT TO CHEMICAL

**ONE BIN ONLY**

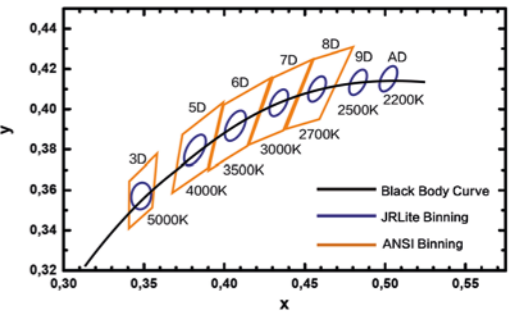
Color consistency Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 1212 IQ	2755=2700+5500K	10000=10M/393.7'	010=10W	F=FRONT S=SIDE B=BOTTOM

Example:  
 ASTON 1212 IQ-2755-10000-010-F:  
 LEDLINE ASTON 1212 Tunable white  
 2700K+5500K, 10M/reel, 10W/M,  
 Front cable entry.

- 1.Max production length 30meters per reel, and the standard packaging is 10meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.Patented easy endcap achieves mechanical IP67 waterproof without any glue.
- 4.It is IK08 rated.



## VARIOUS CONNECTIONS



**Integrated Front Cable Entry**  
 The integrated end cap provides good light effect at the end of strips.  
 DIY connector optional

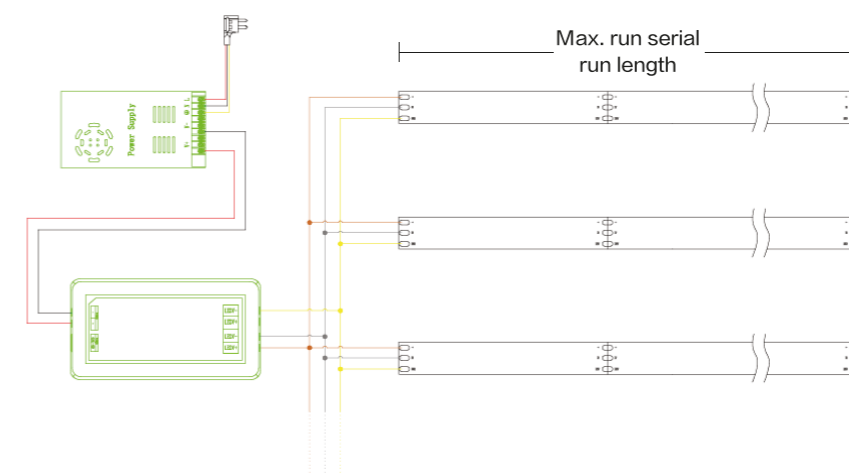


**Side Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.  
 DIY connector optional



**Bottom Cable Entry**  
 The integrated end cap provides good light effect at the end of strips.  
 DIY connector optional

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

10W/M -5M Max. Single Run Length;  
 The strip is 10m/reel at standard

-Please contact us if >150W power supply is needed.



## ACCESSORIES



Aluminium Profile  
Order Code: AC017-AP  
Dimension: 1000x17.2x14mm/  
39.37"x0.68"x0.55"(LxWxH)  
Material: aluminium  
Color: silver



End Cap 3PIN  
Order Code: AD010-3-F  
Dimension: 26.5x17x16mm/1.0  
4"x0.67"x0.63"(LxWxH)  
Color: transparent  
Cable Entry: front



Mounting Clips  
Order Code: AC018-SET  
Dimension: 20x12.8x10.9mm/  
0.79"x0.50"x0.43"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strips needs  
4 clips + 4 screws



End Cap 3PIN  
Order Code: AD010-3-S  
Dimension: 26.5x17x16mm/1.0  
4"x0.67"x0.63"(LxWxH)  
Color: transparent  
Cable Entry: side



IP67 Connector 3PIN  
Order Code: AD007-3  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500  
mating cycles



End Cap 3PIN  
Order Code: AD010-3-B  
Dimension: 26.5x17x16mm/1.0  
4"x0.67"x0.63"(LxWxH)  
Color: transparent  
Cable Entry: bottom



LEDLINE ASTON Scissor  
Order Code: AF001-1



Closed End Cap  
Order Code: AD011  
Dimension: 26.5x17x16mm/  
1.04"x0.67"x0.63"(LxWxH)  
Material: stainless steel  
Color: silver

## CONTROLLER & DRIVER



Order code: M2+M3-3A  
RF Controller  
DC24V, 3A\*2Channel, Max 6A  
IP20, Support remote control



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.

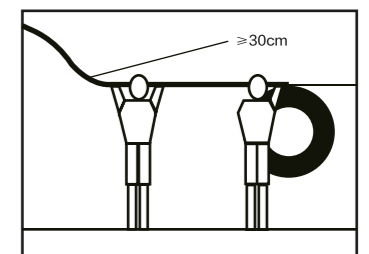
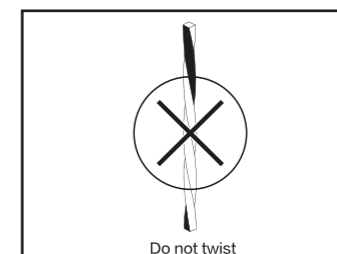
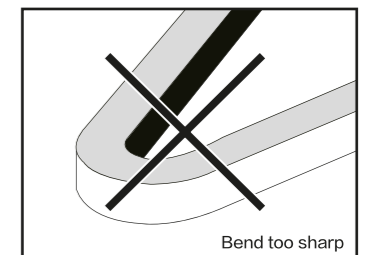
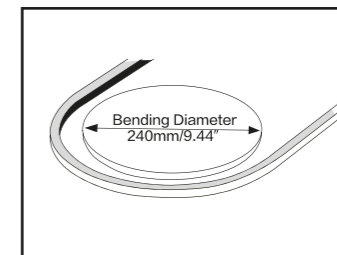
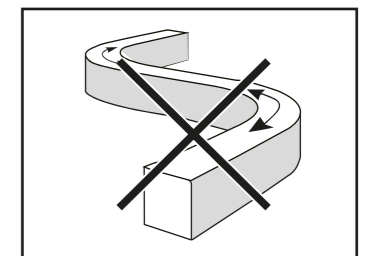
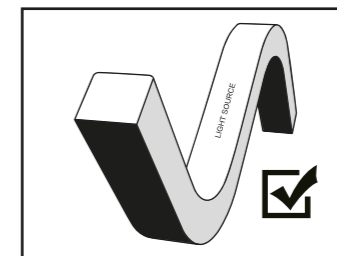


## APPLICATION

- ▶ Hotel, restaurant, handrails lighting.
- ▶ Shop, residential, offices lighting.
- ▶ Organic shaped luminaires.
- ▶ Ideal for architectural lighting, object integration and signage.

## ADDITIONAL INFO.

- ▶ Please light up for a quick check before installation.
- ▶ Bending diameter of LEDLINE ASTON 1212 IQ is 240mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

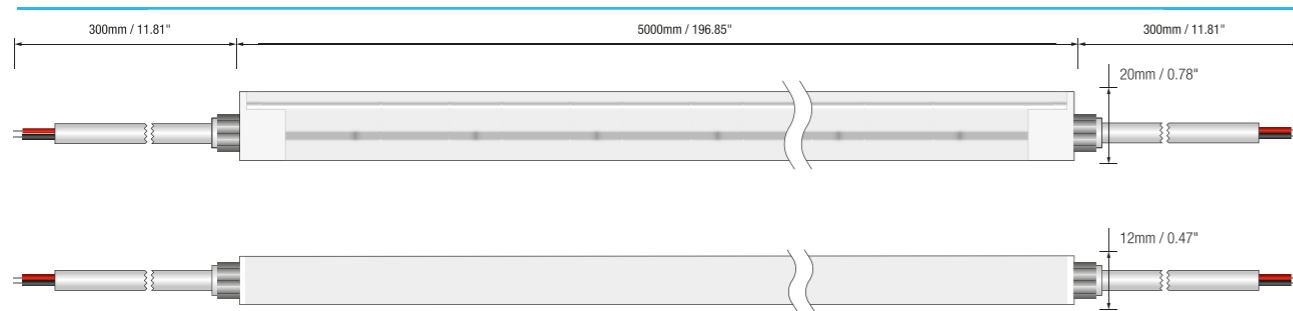


# LEDLINE ASTON 1212 RGB



-LEDLINE ASTON 1212 RGB, DC24V. Cross section size 12mm x 12mm / 0.47" x 0.47" (W x H), which is vertical bending with radius of 120mm / 4.72".  
 -IP67 protected, UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
 -ONE BIN only and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



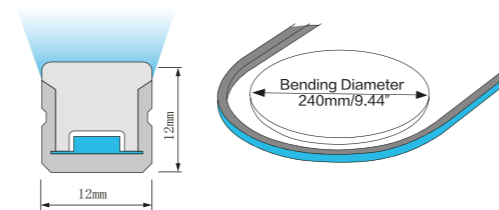
### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 52.4°C /126.3°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>min</sub> =-25°C /-13°F, T <sub>max</sub> =45°C /113°F
Power(W/m W/ft)	10/3.1
Efficacy(lm/W)	24.2

CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
R	54	3.3W/M	5M	62.5mm
G	160	3.3W/M	5M	62.5mm
B	32	3.3W/M	5M	62.5mm
RGB	242	10W/M	5M	62.5mm

#### Note:

- Max.run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



**ONE BIN ONLY**

**UV PROTECTED**

**WATERPROOF IP67**

**L80 30000H**

**30MTS / REEL AVAILABLE**

**RESISTANT TO CHEMICAL**

**ONE BIN ONLY**  
Color consistency Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 1212 RGB	RGB	10000=10M/393.7'	010=10W	F=FRONT S=SIDE B=BOTTOM

Example:  
 ASTON 1212 RGB-10000-010-F:  
 LEDLINE ASTON 1212 RGB, 10M/reel, 10W/M, Front cable entry.

- 1.Max production length 30meters per reel, and the standard packaging is 10meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.Patented easy endcap achieves mechanical IP67 waterproof without any glue.
- 4.It is IK08 rated.

## VARIOUS CONNECTIONS



**Integrated Front Cable Entry**  
 The integrated end cap provides good light effect at the end of strips.  
 DIY connector optional

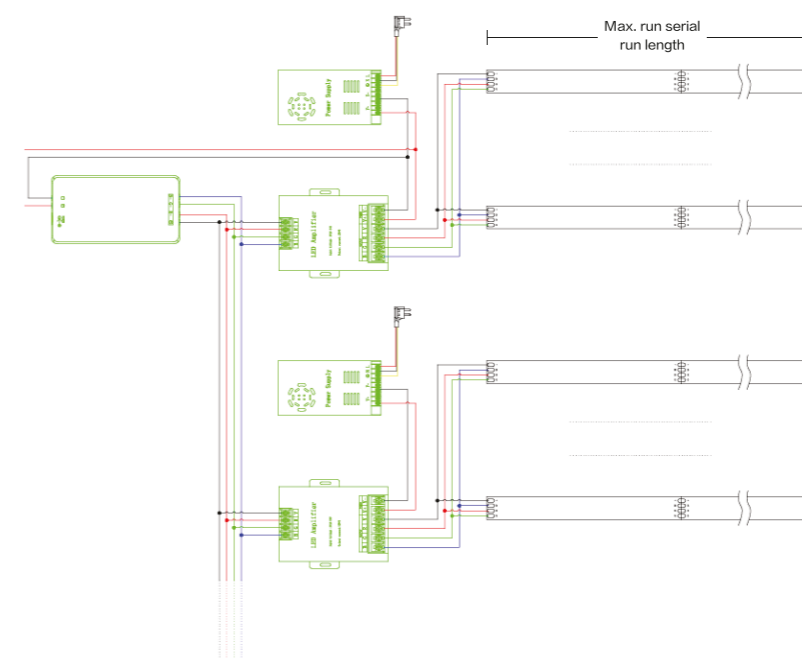


**Side Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.



**Bottom Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

10W/M - 5M Max. Single Run Length;  
 The strip is 10m/reel at standard.

-Please contact us if >150W power supply is needed.

## ACCESSORIES



Aluminium Profile  
Order Code: AC017-AP  
Dimension: 1000x17.2x14mm/  
39.37"x0.68"x0.55"(LxWxH)  
Material: aluminium  
Color: silver



End Cap 4PIN  
Order Code: AD010-4-F  
Dimension: 26.5x17x16mm/1.0  
4"x0.67"x0.63"(LxWxH)  
Color: transparent  
Cable Entry: front



Mounting Clips  
Order Code: AC018-SET  
Dimension: 20x12.8x10.9mm/  
0.79"x0.50"x0.43"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strips needs  
4 clips + 4 screws



End Cap 4PIN  
Order Code: AD010-4-S  
Dimension: 26.5x17x16mm/1.0  
4"x0.67"x0.63"(LxWxH)  
Color: transparent  
Cable Entry: side



IP67 Connector 4PIN  
Order Code: AD007-4  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500  
mating cycles



End Cap 4PIN  
Order Code: AD010-4-B  
Dimension: 26.5x17x16mm/1.0  
4"x0.67"x0.63"(LxWxH)  
Color: transparent  
Cable Entry: bottom



LEDLINE ASTON Scissor  
Order Code: AF001-1



Closed End Cap  
Order Code: AD011  
Dimension: 26.5x17x16mm/  
1.04"x0.67"x0.63"(LxWxH)  
Material: stainless steel  
Color: silver

## CONTROLLER & DRIVER



Order code: M6+M3-3A  
RF Controller  
DC24V, 3A\*3Channel, Max 9A  
IP20, Support remote control



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

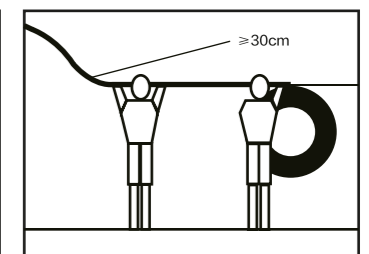
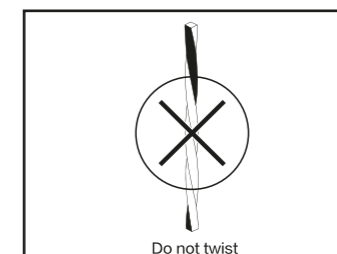
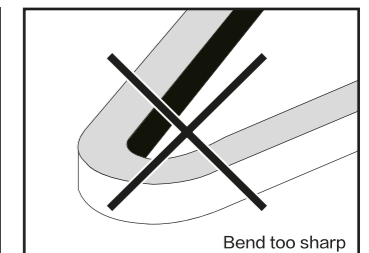
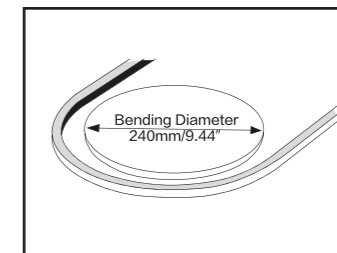
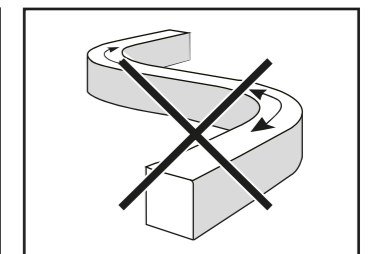
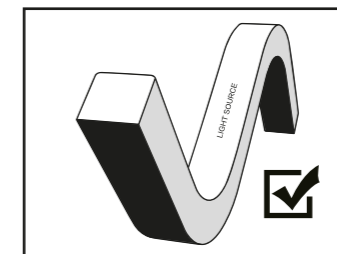


## APPLICATION

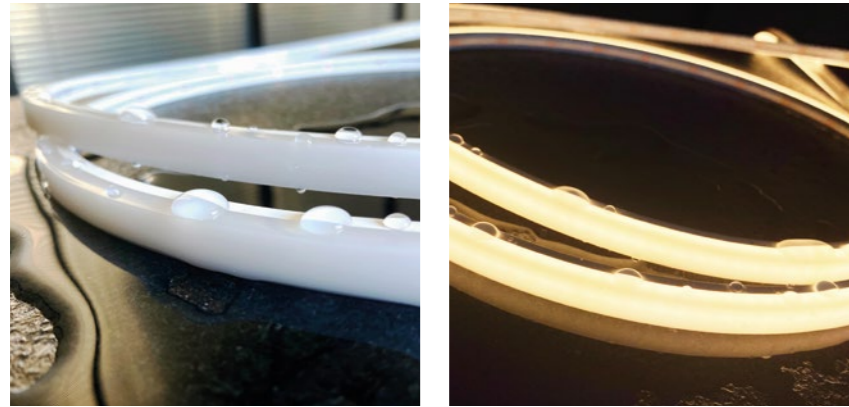
- Suitable for bar, ceiling and wall lighting application.
- Ideal for color dynamic application with excellent color rendition and high power levels.

## ADDITIONAL INFO.

- Please light up for a quick check before installation.
- Bending diameter of LEDLINE ASTON 1212 RGB is 240mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 3 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

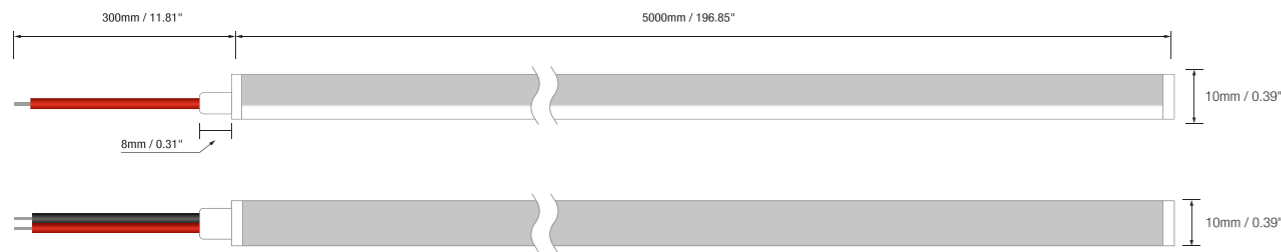


# LEDLINE ASTON 1010 WHT



-LEDLINE ASTON 1010 WHT, DC24V. Cross section size 10mm x 10mm / 0.39" x 0.39" (W x H), which is vertical bending with radius of 100mm / 3.93".  
 -IP44/IP67 rating protected optional, UV resistant, chemical resistant for indoor & outdoor solutions.  
 -2-Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 65°C /149°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> = -25°C /-13°F, Ta <sub>max</sub> (Table below)
CRI	Ra94

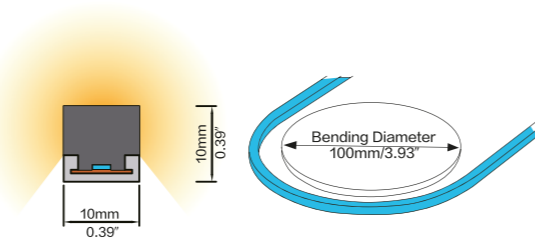
LEDLINE ASTON 1010 WHT	STD output
Power(W/m W/ft)	10/3.1
Efficacy(lm/W) @4000K	76
Max. Ambient tempt.(Ta <sub>max</sub> )	65°C /149°F

(Lm/m)

CCT	2700K	3000K	3500K	4000K	6000K	Max. Run Length	Unit Cut
Power	702	772	759	777	792	5M	35.7mm

### Note:

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



**2 STEP**

**UV PROTECTED**

**WATERPROOF IP67 IP44**

**L70B10 > 54000H**  
**LUMILEDS**

**30MTS / REEL AVAILABLE**

**RESISTANT TO CHEMICAL**

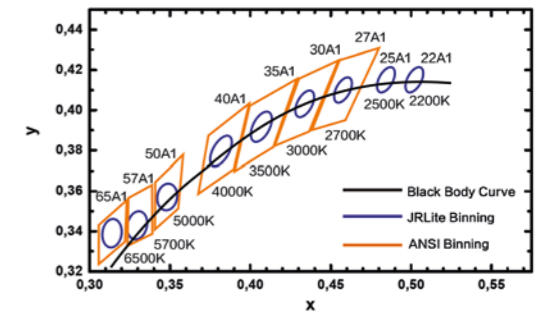
**ONE BIN ONLY**  
 Color consistency Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 1010 WHT	27=2700K	05000=5M/196.85"	010=10W	F=FRONT
	30=3000K			
	35=3500K			
	40=4000K			
	60=6000K			

Example:  
 ASTON 1010 WHT-30-01500-010-F  
 LEDLINE ASTON 1010 WHT, 3000K, 1.5M/reel, 10W/M, Front cable entry.

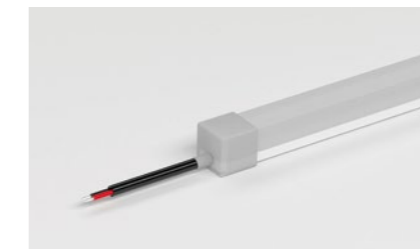
- 1.Max production length 30meters per reel, and the standard packaging is 5meters per reel.
- 2.Standard cable way for IP44 version is only with 30cm B/R cables, Standard cable way for IP67 version can be with 30cm open cables or 30cm Male/Female JST connectors(AD006-2) optional.



## CONNECTION

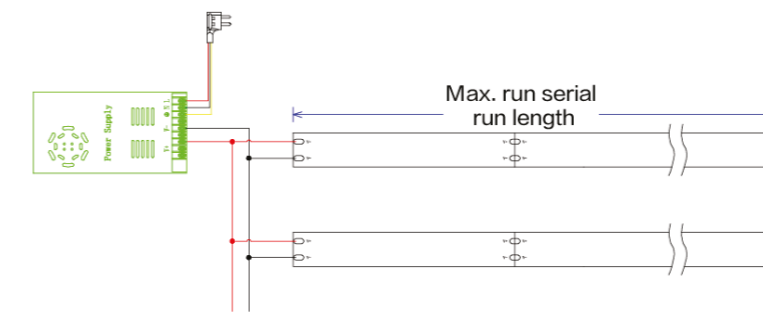


Front Cable Entry (IP44 Version)



Front Cable Entry (IP67 Version)

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

10W/M - 5M Max. Single Run Length; The strip is 5m/reel at standard.

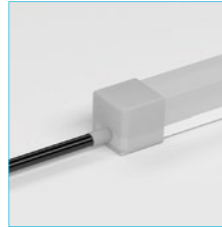
-Please contact us if >150W power supply is needed.

-Please contact us if you need dimmable function.

## ACCESSORIES



Aluminium Profile  
Order Code: AC023-AP  
Dimension: 1000x13x12.4mm/  
39.37"x0.51"x0.49"(LxWxH)  
Material: aluminium  
Color: silver



End Cap 2PIN  
(Only for IP67 Version)  
Order Code: AD025-2-F  
Dimension: 12x12x11mm/0.47"  
x0.47"x0.43"(WxH)  
Color: transparent  
Cable Entry: front



PC Profile  
Order Code: AC023-PC  
Dimension: 1000x14.3x12mm/  
39.37"x0.56"x0.47"(LxWxH)  
Material: polycarbonate  
Color: transparent



Closed End Cap  
(Only for IP67 Version)  
Order Code: AD025  
Dimension: 12x12x11mm/0.47"  
x0.47"x0.43"(WxH)  
Material: silicone  
Color: transparent



Mounting Clips  
Order Code: AC025-SET  
Dimension: 11.6x8x7.6mm/  
0.46"x0.31"x0.3"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strips needs  
4 clips + 4 screws



IP67 Connector 2Pin  
(Only for IP67 Version)  
Order code: AD006-2  
Wire gauge: 0.33mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)



LEDLINE ASTON Scissor  
Order Code: AF001-1

## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

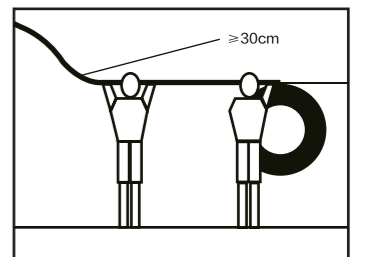
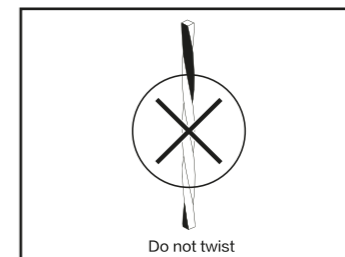
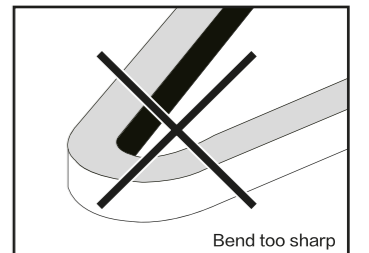
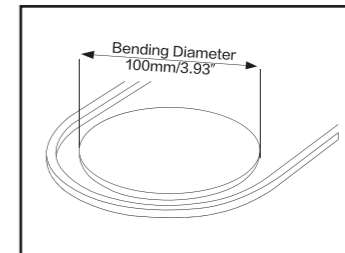
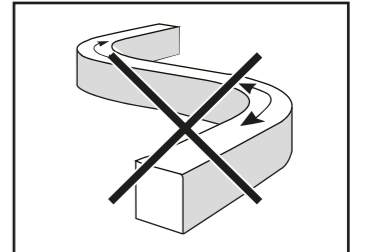
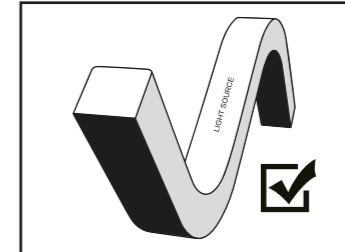


## APPLICATION

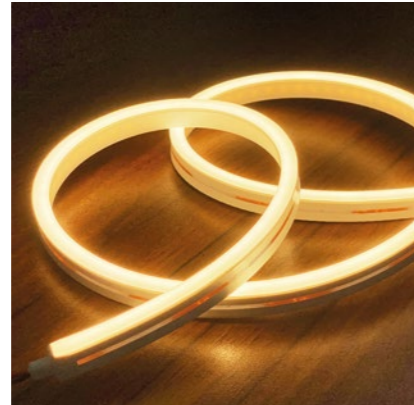
- ▶ 3 Side emitting, better lighting performance & higher brightness, suitable for commercial lighting, general lighting, detail lighting required exquisite designs.
- ▶ Ideal for KBB lighting, retail shop lighting, cabinet lighting
- ▶ Grand hotel, apartment, lobby hall.
- ▶ Fits for shopping mall, flagship store, restaurant.

## ADDITIONAL INFO.

- ▶ Please light it up for a quick check before installation.
- ▶ Bending diameter of LEDLINE ASTON 1010 WHT is 100mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

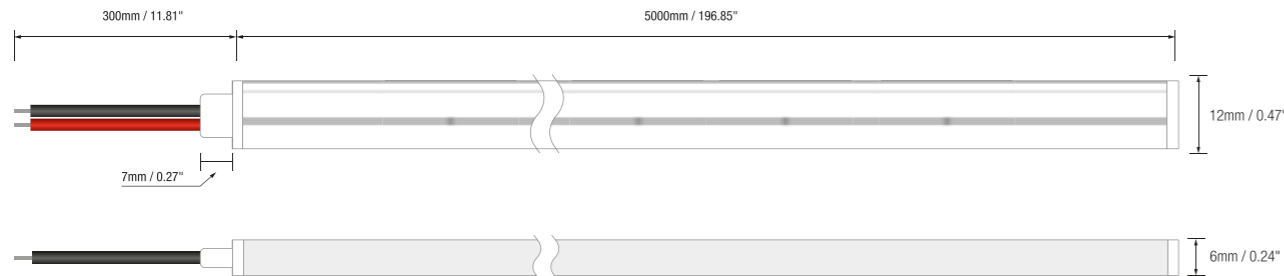


# LEDLINE ASTON 0612 WHT



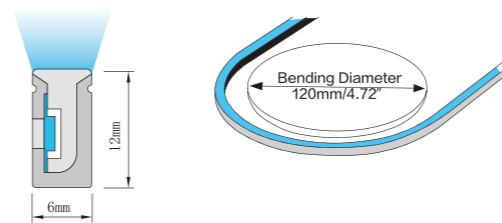
-LEDLINE ASTON 0612 WHT, DC24V. Cross section size 6mm x 12mm / 0.24" x 0.47" (W x H), which is horizontal bending with radius of 60mm / 2.36".  
 -IP44&IP67 protected are optional, UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
 -2-Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 52.2°C /125.9°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> =-25°C /-13°F, Ta <sub>max</sub> =45°C /113°F
CRI	Ra94



LEDLINE ASTON 0612 WHT	STD output
Power(W/m W/ft)	10/3.1
Efficacy(lm/W) @4000K	41.3

(Lm/m)							
CCT	2700K	3000K	3500K	4000K	5500K	Max. Run Length	Unit Cut
Power	400	435	438	413	416	13M	50mm
10W/M							

Note:  
 -Max. run length refers to single side feed in serial connection.  
 -The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.  
 -The given color temperature is the temperature of finished product.

**2 STEP**

**UV PROTECTED**

**WATERPROOF IP67**

**L70B10 > 54000H**  
**LUMILEDS**

**30 MTS / REEL AVAILABLE**

**RESISTANT TO CHEMICAL**

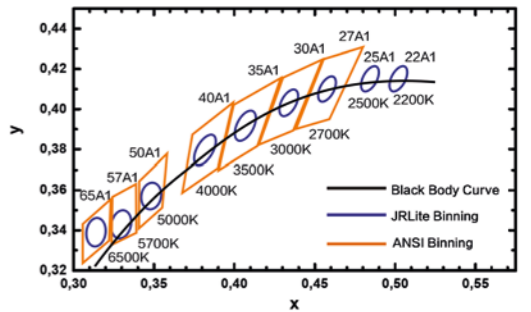


## ORDER CODE

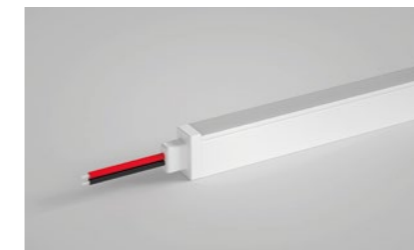
SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 0612 WHT	27=2700K	10000=10M/393.7'	010=10W	F=FRONT
	30=3000K			S=SIDE
	35=3500K			B=BOTTOM
	40=4000K			
	55=5500K			

Example:  
 ASTON 0612 WHT-27-10000-010-S:  
 LEDLINE ASTON 0612 WHT  
 ,2700K,10M/reel, 15W/M, Side cable entry

- 1.Max production length 30meters per reel, and the standard packaging is 10meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.Patented easy endcap achieves mechanical IP67 waterproof without any glue.
- 4.It is no IK-Rated, please don't walk on it without protection.



## VARIOUS CONNECTIONS



**IP44 Front Cable Entry**  
 IP44 intergrated end cap provides good light effect at the end of strip. IP67 external end cap is available.

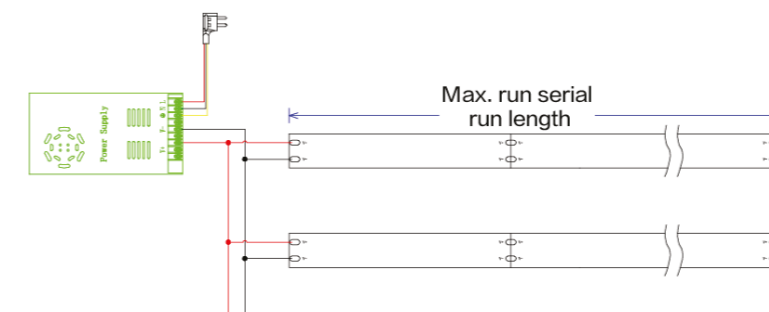


**IP67 Side Cable Entry**  
 Semi-transparent silicone end cap provides good light effect at the end of strip.



**IP67 Bottom Cable Entry**  
 Semi-transparent silicone end cap provides good light effect at the end of strip.

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

10W/M - 13M Max. Single Run Length;  
 The strip is 10m/reel at standard

-Please contact us if >150W power supply is needed.

-Please contact us if you need dimmable function.

## ACCESSORIES



Aluminium Profile  
Order Code: AC019-AP  
Dimension: 1000x8x13mm/39.37"x0.31"x0.51"(LxWxH)  
Material: aluminium  
Color: silver



End Cap 2PIN  
Order Code: AD016-2-F  
Dimension: 8.5x14.5mm/0.33"x0.57"(WxH)  
Color: transparent  
Cable Entry: front



Mounting Clips  
Order Code: AC020-SET  
Dimension: 15x7.2x12.8mm/0.59"x0.28"x0.50"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strips needs 4 clips + 4 screws



End Cap 2PIN  
Order Code: AD016-2-S  
Dimension: 8.5x14.5mm/0.33"x0.57"(WxH)  
Color: transparent  
Cable Entry: side



IP67 Connector 2PIN  
Order Code: AD007-2  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500 mating cycles



End Cap 2PIN  
Order Code: AD016-2-B  
Dimension: 8.5x14.5mm/0.33"x0.57"(WxH)  
Color: transparent  
Cable Entry: bottom



LEDLINE ASTON Scissor  
Order Code: AF001-1



Closed End Cap  
Order Code: AD017  
Dimension: 8.5x14.5mm/0.33"x0.57"(WxH)  
Material: silicone  
Color: transparent

## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

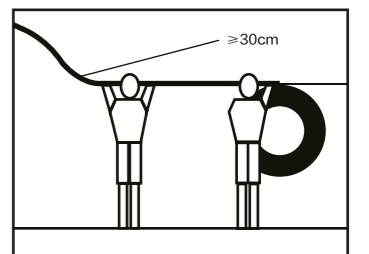
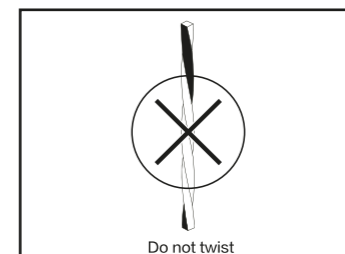
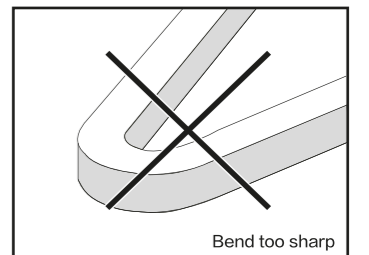
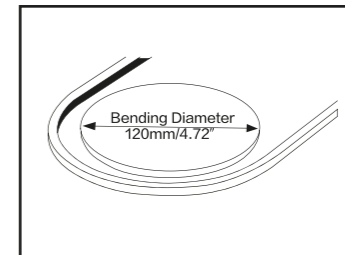
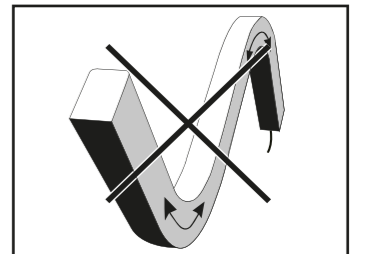
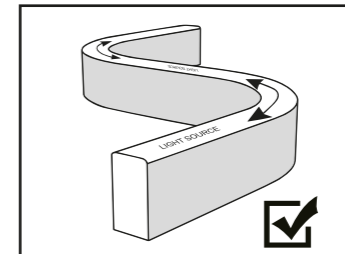


## APPLICATION

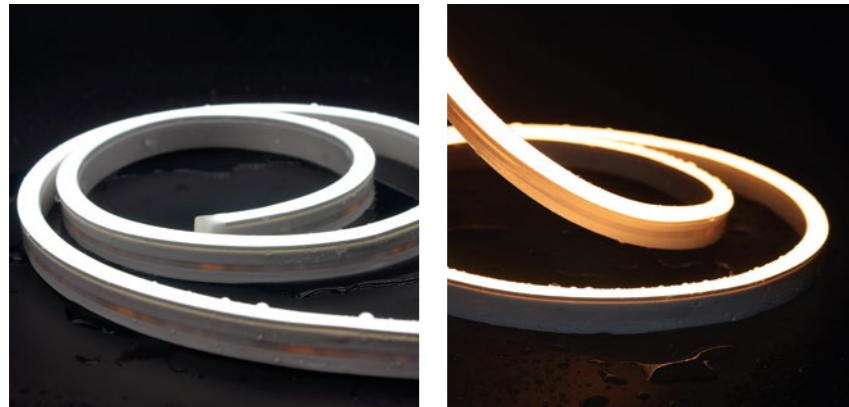
- ▶ Facade lighting, contour lighting and landscape lighting.
- ▶ Solutions for retail shop.
- ▶ Signage and illuminated advertising.
- ▶ Ideal for architectural lighting, coves, object integration.

## ADDITIONAL INFO.

- ▶ Please light up for a quick check before installation.
- ▶ Bending diameter of LEDLINE ASTON 0612 WHT is 120mm, do not bend to upward or downward direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

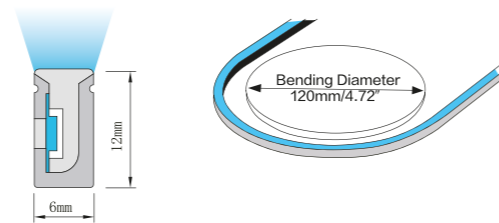
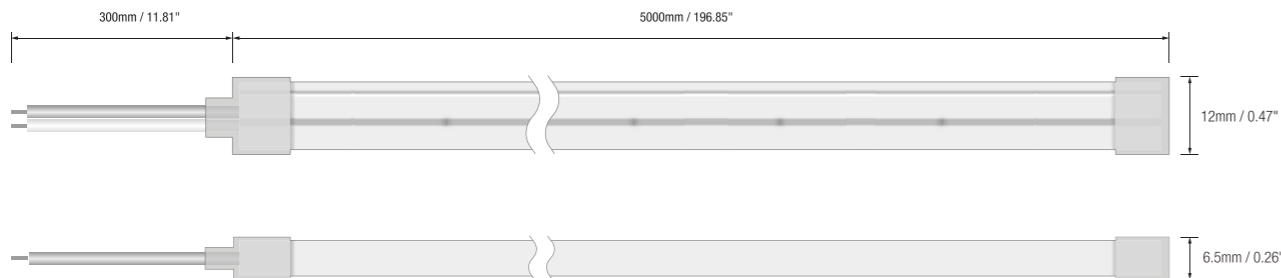


# LEDLINE ASTON 0612 IQ



-LEDLINE ASTON 0612 IQ, DC24V. Cross section size 6mm x 12mm / 0.24" x 0.47" (W x H), which is horizontal bending with radius of 60mm / 2.36".  
 -IP67 protected, UV resistant, chemical resistant for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
 -3-Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 52.2°C /125.9°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>a min</sub> = -25°C /-13°F, T <sub>a max</sub> = 45°C /113°F
CRI	Ra80
Power(W/m W/ft)	10/3.1
Efficacy(lm/W) @5300K	51.2

CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
2700K	250	5W/M	5M	50mm
5300K	256	5W/M	5M	50mm
2700K+5300K	500	10W/M	5M	50mm

### Note:

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



3 STEP

UV PROTECTED

WATERPROOF IP67

L70B10 > 54000H  
LUMILEDS

30 MTS / REEL AVAILABLE

RESISTANT TO CHEMICAL

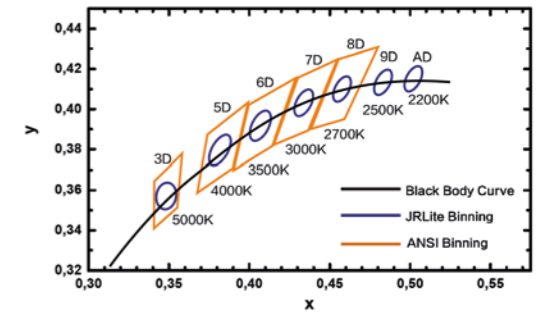
**ONE BIN ONLY**  
Color consistency  
Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 0612 IQ	2753=2700+5300K	10000=10M/393.7'	010=10W	F=FRONT S=SIDE B=BOTTOM

Example:  
 ASTON 0612 IQ-2753-10000-010-S:  
 LEDLINE ASTON 0612 Tunable white  
 2700K+5300K, 10M/reel, 10W/M, Side  
 cable entry.

1. Max production length 30meters per reel, and the standard packaging is 10meters per reel.
2. Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
3. Patented easy endcap achieves mechanical IP67 waterproof without any glue.
4. It is no IK-Rated, please don't walk on it without protection.



## VARIOUS CONNECTIONS



**Front Cable Entry**  
 Semi-transparent silicone end cap provides good light effect at the end of strip.

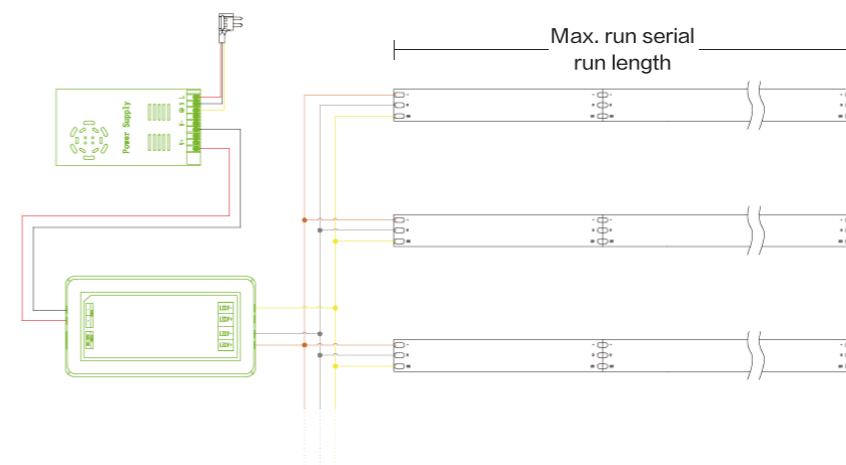


**Side Cable Entry**  
 Semi-transparent silicone end cap provides good light effect at the end of strip.



**Bottom Cable Entry**  
 Semi-transparent silicone end cap provides good light effect at the end of strip.

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

10W/M - 5M Max. Single Run Length;  
 The strip is 10m/reel at standard

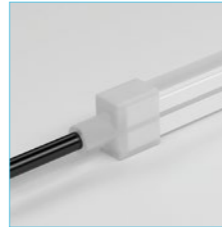
-Please contact us if >150W power supply is needed.



## ACCESSORIES



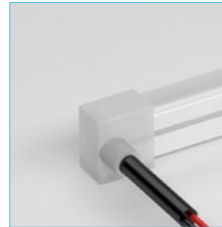
Aluminium Profile  
Order Code: AC019-AP  
Dimension: 1000x8x13mm/39.37"x0.31"x0.51"(LxWxH)  
Material: aluminium  
Color: silver



End Cap 3PIN  
Order Code: AD016-3-F  
Dimension: 8.5x14.5mm/0.33"x0.57"(WxH)  
Color: transparent  
Cable Entry: front



Mounting Clips  
Order Code: AC020-SET  
Dimension: 15x7.2x12.8mm/0.59"x0.28"x0.50"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strips needs 4 clips + 4 screws



End Cap 3PIN  
Order Code: AD016-3-S  
Dimension: 8.5x14.5mm/0.33"x0.57"(WxH)  
Color: transparent  
Cable Entry: side



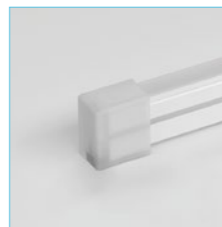
IP67 Connector 3PIN  
Order Code: AD007-3  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500 mating cycles



End Cap 3PIN  
Order Code: AD016-3-B  
Dimension: 8.5x14.5mm/0.33"x0.57"(WxH)  
Color: transparent  
Cable Entry: bottom



LEDLINE ASTON Scissor  
Order Code: AF001-1



Closed End Cap  
Order Code: AD017  
Dimension: 8.5x14.5mm/0.33"x0.57"(WxH)  
Material: silicone  
Color: transparent

## CONTROLLER & DRIVER



Order code: M2+M3-3A  
RF Controller  
DC24V, 3A\*2Channel, Max 6A  
IP20, Support remote control



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.

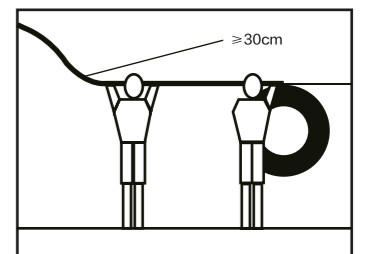
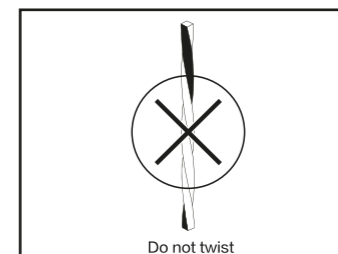
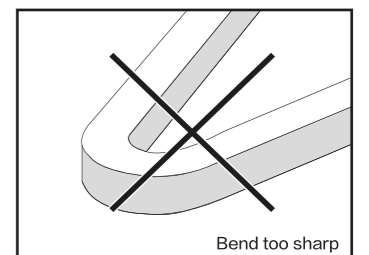
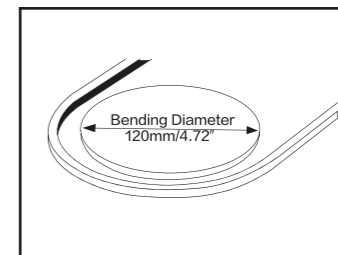
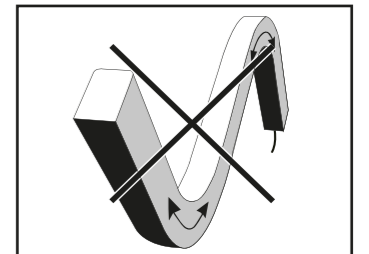
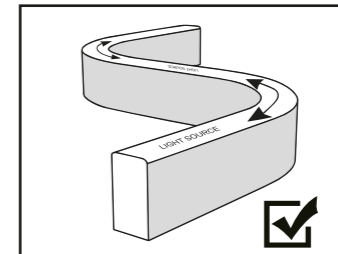


## APPLICATION

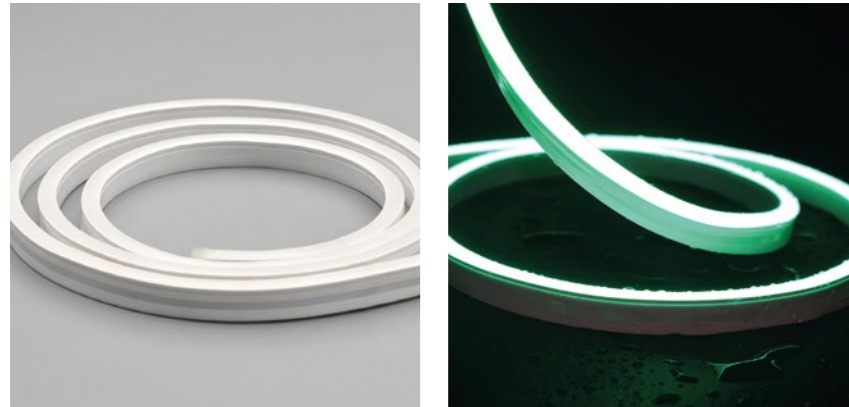
- ▶ Hotel, restaurant, handrails lighting.
- ▶ Shop, residential, offices lighting.
- ▶ Organic shaped luminaires.
- ▶ Ideal for architectural lighting, object integration and signage.

## ADDITIONAL INFO.

- ▶ Please light it up for a quick check before installation.
- ▶ Bending diameter of LEDLINE ASTON 0612 IQ is 120mm, do not bend to upward or downward direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

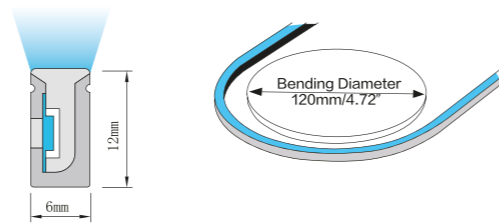
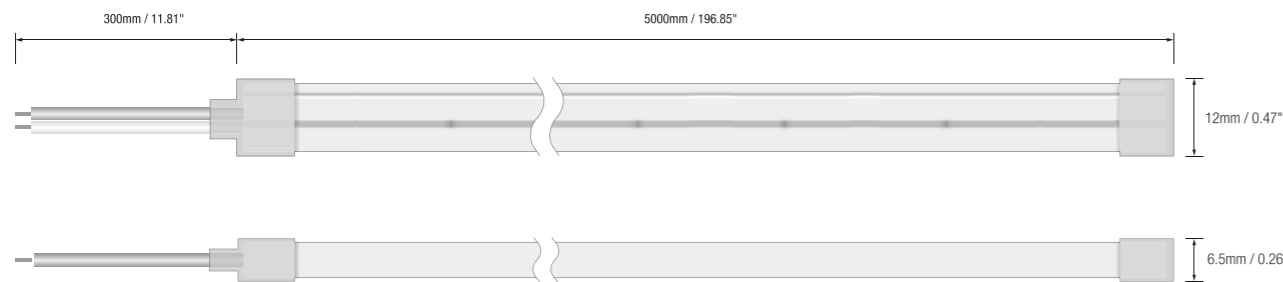


# LEDLINE ASTON 0612 RGB



-LEDLINE ASTON 0612 RGB, DC24V. Cross section size 6mm x 12mm / 0.24" x 0.47" (W x H), which is horizontal bending with radius of 60mm / 2.36".  
 -IP67 protected, UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
 -ONE BIN only and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 52.2°C /125.9°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> =-25°C /-13°F, Ta <sub>max</sub> =45°C /113°F
Power(W/m W/ft)	10/3.1
Efficacy(lm/W)	14.8

CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
R	35	3.3W/M	5M	50mm
G	96	3.3W/M	5M	50mm
B	18	3.3W/M	5M	50mm
RGB	148	10W/M	5M	50mm

### Note:

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



ONE BIN ONLY

UV PROTECTED

WATERPROOF IP67

L80 30000H

30MTRS / REEL AVAILABLE

RESISTANT TO CHEMICAL

**ONE BIN ONLY**  
Color consistency Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 0612 RGB	RGB	10000=10M/393.7'	010=10W	F=FRONT S=SIDE B=BOTTOM

Example:  
 ASTON 0612 RGB-10000-010-S:  
 LEDINE ASTON 0612 RGB, 10M/  
 reel, 10W/M, Side cable entry.

- 1.Max production length 30meters per reel, and the standard packaging is 10meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.Patented easy endcap achieves mechanical IP67 waterproof without any glue.
- 4.It is no IK-Rated, please don't walk on it without protection.

## VARIOUS CONNECTIONS



**Front Cable Entry**  
 Semi-transparent silicone end cap provides good light effect at the end of strip.

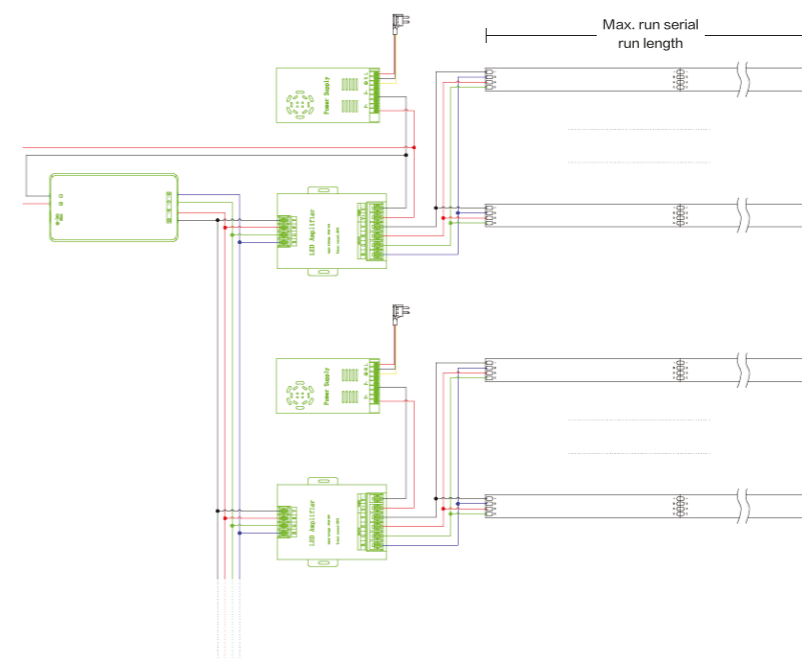


**Side Cable Entry**  
 Semi-transparent silicone end cap provides good light effect at the end of strip.



**Bottom Cable Entry**  
 Semi-transparent silicone end cap provides good light effect at the end of strip.

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

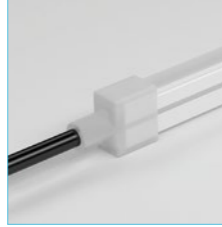
10W/M - 5M Max. Single Run Length;  
 The strip is 10m/reel at standard

-Please contact us if >150W power supply is needed.

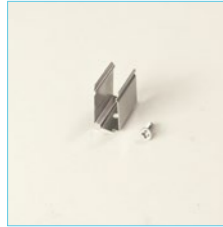
## ACCESSORIES



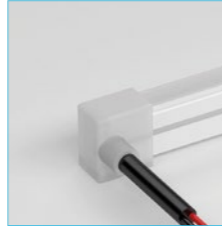
Aluminium Profile  
Order Code: AC019-AP  
Dimension: 1000x8x13mm/39.37"x0.31"x0.51"(LxWxH)  
Material: aluminium  
Color: silver



End Cap 4PIN  
Order Code: AD016-4-F  
Dimension: 8.5x14.5mm/0.33"x0.57"(WxH)  
Color: transparent  
Cable Entry: front



Mounting Clips  
Order Code: AC020-SET  
Dimension: 15x7.2x12.8mm/0.59"x0.28"x0.50"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strips needs 4 clips + 4 screws



End Cap 4PIN  
Order Code: AD016-4-S  
Dimension: 8.5x14.5mm/0.33"x0.57"(WxH)  
Color: transparent  
Cable Entry: side



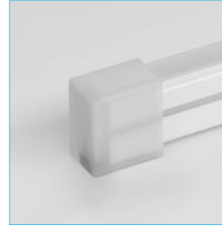
IP67 Connector 4PIN  
Order Code: AD007-4  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500 mating cycles



End Cap 4PIN  
Order Code: AD016-4-B  
Dimension: 8.5x14.5mm/0.33"x0.57"(WxH)  
Color: transparent  
Cable Entry: bottom



LEDLINE ASTON Scissor  
Order Code: AF001-1



Closed End Cap  
Order Code: AD017  
Dimension: 8.5x14.5mm/0.33"x0.57"(WxH)  
Material: silicone  
Color: transparent

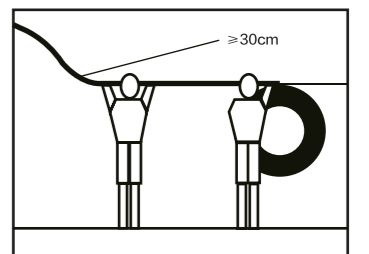
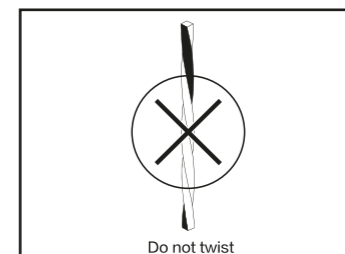
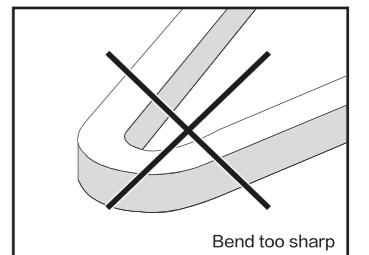
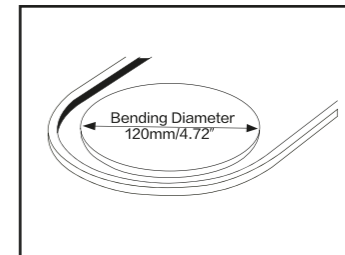
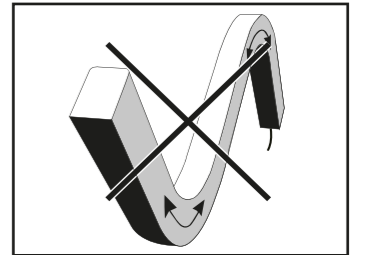
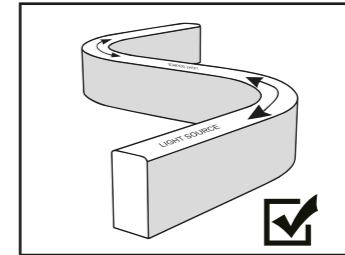


## APPLICATION

- Suitable for bar, ceiling and wall lighting application.
- Ideal for color dynamic application with excellent color rendition and high power levels.

## ADDITIONAL INFO.

- Please light it up for a quick check before installation.
- Bending diameter of LEDLINE ASTON 0612 RGB is 120mm, do not bend to upward or downward direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 3 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.



## CONTROLLER & DRIVER



Order code: M6+M3-3A  
RF Controller  
DC24V, 3A\*3Channel, Max 9A  
IP20, Support remote control



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.

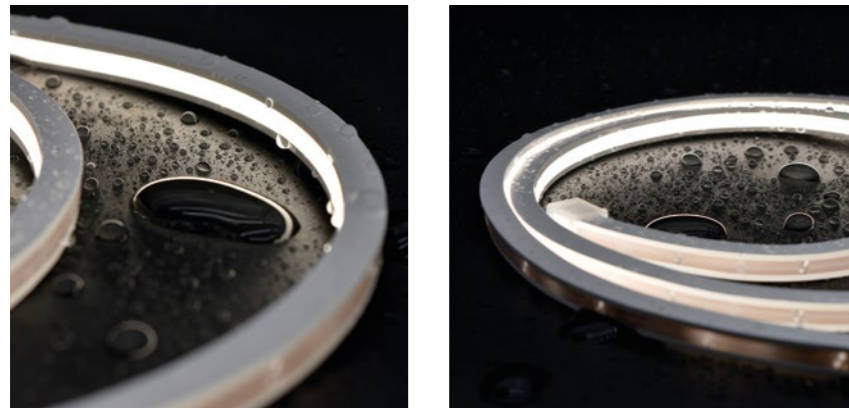


Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



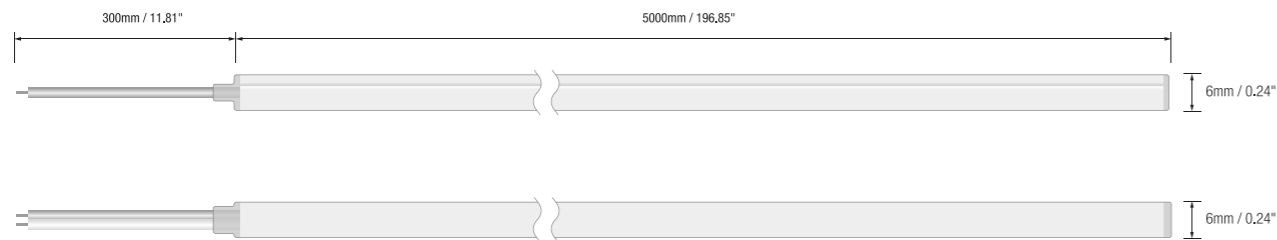
Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

# LEDLINE TINI 0606



-LEDLINE TINI 0606, DC24V. Cross section size 6mm x 6mm/ 0.24" x 0.24" (W x H), which is vertical bending with radius of 25mm / 0.98".  
 -IP44&IP67 protected are optional, UV resistant, chemical resistant for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
 -3-Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



### Electrical data

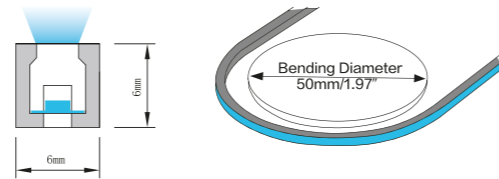
Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>a min</sub> = -25°C /-13°F, T <sub>a max</sub> = 55°C /131°F
Power(W/m W/ft)	6/1.8
Efficacy(lm/W)	62
Unit cut	25mm
CRI	Ra93
Warranty	3years

(Lm/m)

CCT \ Power	2700K	3000K	3500K	4000K	5000K	Max. Run Length
6W/M	340	332	382	372	361	5M

Note:

- Max.run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



**3 STEP**

**UV PROTECTED**

**WATERPROOF IP67**

**L70B80 > 5000H**

**20 MTS / REEL AVAILABLE**

**RESISTANT TO CHEMICAL**



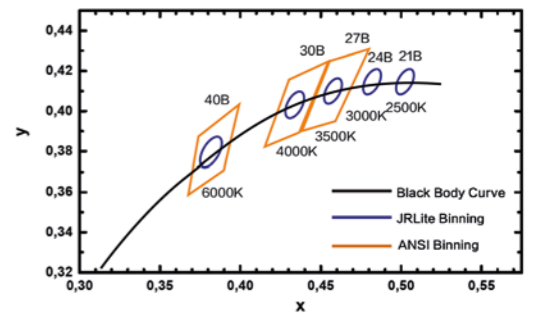
**ONE BIN ONLY**  
 Color consistency Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
TINI 0606	27=2700K	05000=5M/196.85'	006=6W	F=FRONT
	30=3000K			S=SIDE
	35=3500K			B=BOTTOM
	40=4000K			
	50=5000K			

Example:  
 TINI0606-30-01500-006-F:  
 LEDLINE TINI 0606, 3000K,  
 1.5M/reel, 6W/M, Front cable entry.

- 1.Max production length 20meters per reel, and the standard packaging is 5meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.It is no IK-Rated, please don't walk on it without protection.



## VARIOUS CONNECTIONS



**IP44 Front Cable Entry**  
 IP44 intergrated end cap provides good light effect at the end of strip. IP67 external end cap is available.

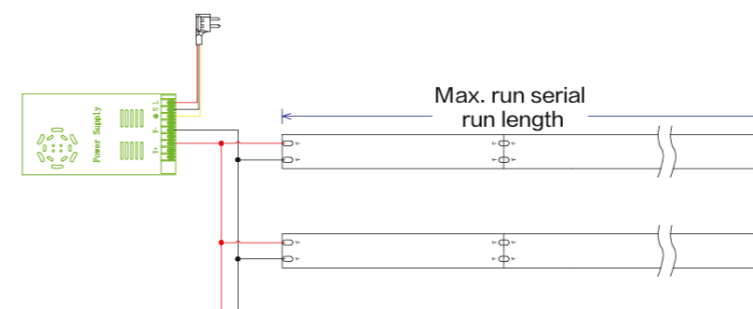


**IP67 Side Cable Entry**  
 Semi-transparent silicone end cap provides good light effect at the end of strip.



**IP67 Bottom Cable Entry**  
 Semi-transparent silicone end cap provides good light effect at the end of strip.

## WIRING DIAGRAM



- Max. connectable length depends on the wattage of the power supply and LED strip.
- Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.
- Please contact us if >150W power supply is needed.

## ACCESSORIES



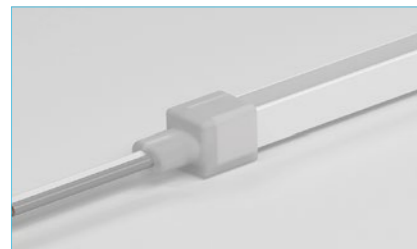
Aluminum Profile  
Article No.: AC020-AP  
Dimension:  
1000×8.5×6.1mm (L×W×H)  
Material: aluminum  
Color: silver



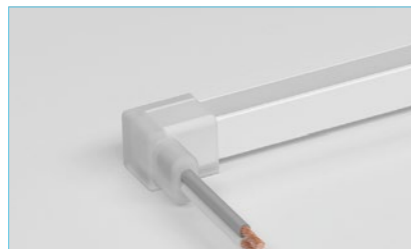
Mounting Clip  
Article No.: AC021-SET  
Dimension: 15×8.5×6.1mm  
(L×W×H)  
Material: aluminum  
Color: silver



End Cap  
Article No.: AD013  
Material: silicone  
Color: transparent



End Cap  
Article No.: AD012-F  
Material: silicone  
Color: transparent



End Cap  
Article No.: AD012-S  
Material: silicone  
Color: transparent



End Cap  
Article No.: AD012-B  
Material: silicone  
Color: transparent



## DRIVER



Order code: LRS-150-24  
85-132VAC/170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## APPLICATION

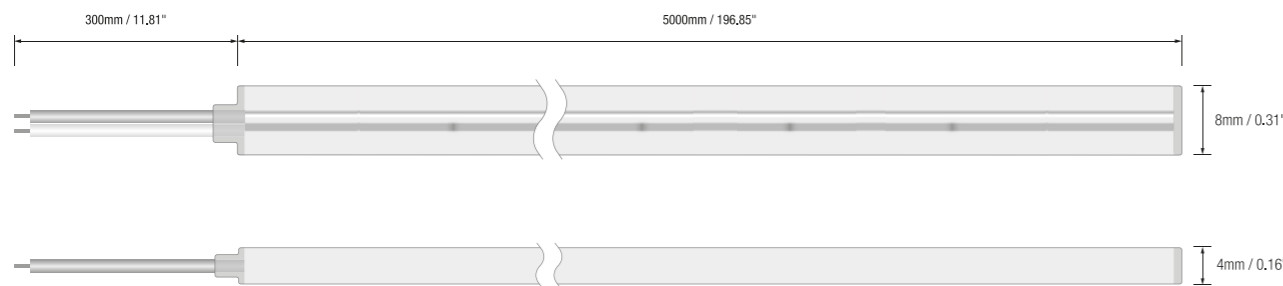
- ▶ Facade lighting, contour lighting and landscape lighting.
- ▶ Solutions for retail shops.
- ▶ Signage and illuminated advertising.
- ▶ Ideal for architectural lighting, coves, object integration.

# LEDLINE UNI 0408



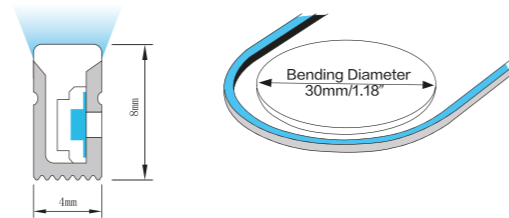
-LEDLINE UNI 0408, DC24V.  
 Cross section size 4mm x 8mm / 0.16" x 0.31" (W x H), which is vertical bending with radius of 15mm / 0.59".  
 -IP44&IP67 protected are optional, UV resistant, chemical resistant for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
 -3-Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> =-25°C /-13°F, Ta <sub>max</sub> =55°C /131°F
Power(W/m W/ft)	6/1.8
Efficacy(lm/W)	42
Unit cut	25mm
CRI	Ra95
Warranty	3years



(Lm/m)

CCT	2700K	3000K	3500K	4000K	5300K	Max. Run Length
Power	240	256	235	250	253	5M
6W/M						

Note:

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.

3 STEP

UV PROTECTED

WATERPROOF IP67

L70B80 > 5000H

5 MTS / REEL AVAILABLE

RESISTANT TO CHEMICAL



**ONE BIN ONLY**

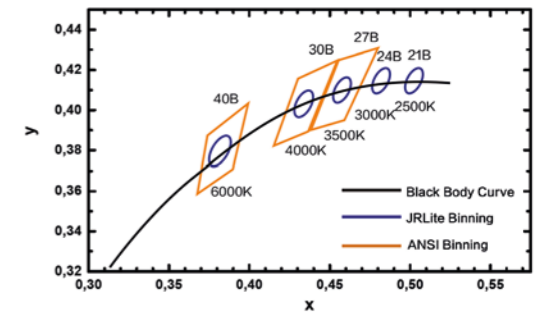
Color consistency  
Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
UNI 0408	27=2700K	5000=5M/196.85"	006=6W	F=FRONT
	30=3000K			
	35=3500K			
	40=4000K			
	53=5300K			

Example:  
 UNI 0408-30-1500-006-F:  
 LEDLINE UNI 0408, 3000K,  
 1.5M/reel, 6W/M, Front cable entry.

- 1.Max production length 5meters per reel, and the standard packaging is 5meters per reel also.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.It is no IK-Rated, please don't walk on it without protection



## VARIOUS CONNECTIONS

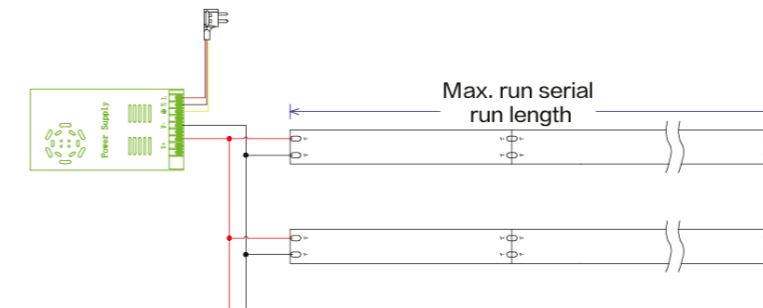


**IP44 Front Cable Entry**  
 IP44 intergrated end cap provides good light effect at the end of strip. IP67 external end cap is available.



**IP67 Front Cable Entry**  
 Semi-transparent silicone end cap provides good light effect at the end of strip.

## WIRING DIAGRAM



- Max. connectable length depends on the wattage of the power supply and LED strip.
- Max. length per circuit is 5m, If it exceeds 5m, please split into multiple circuits.
- Please contact us if >150W power supply is needed.

## ACCESSORIES



Aluminum Profile  
Article No.: AC021-AP  
Dimension: 1000 × 6.5 × 7.2mm  
(L × W × H)  
Material: aluminum  
Color: silver

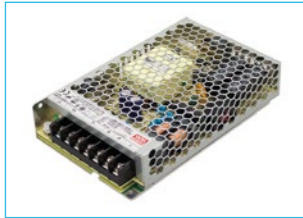


Mounting Clip  
Article No.: AC022-SET  
Dimension: 15 × 6.5 × 7.2mm  
(L × W × H)  
Material: aluminum  
Color: silver



End Cap  
Article No.: AD014/AD015  
Material: silicone  
Color: transparent

## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



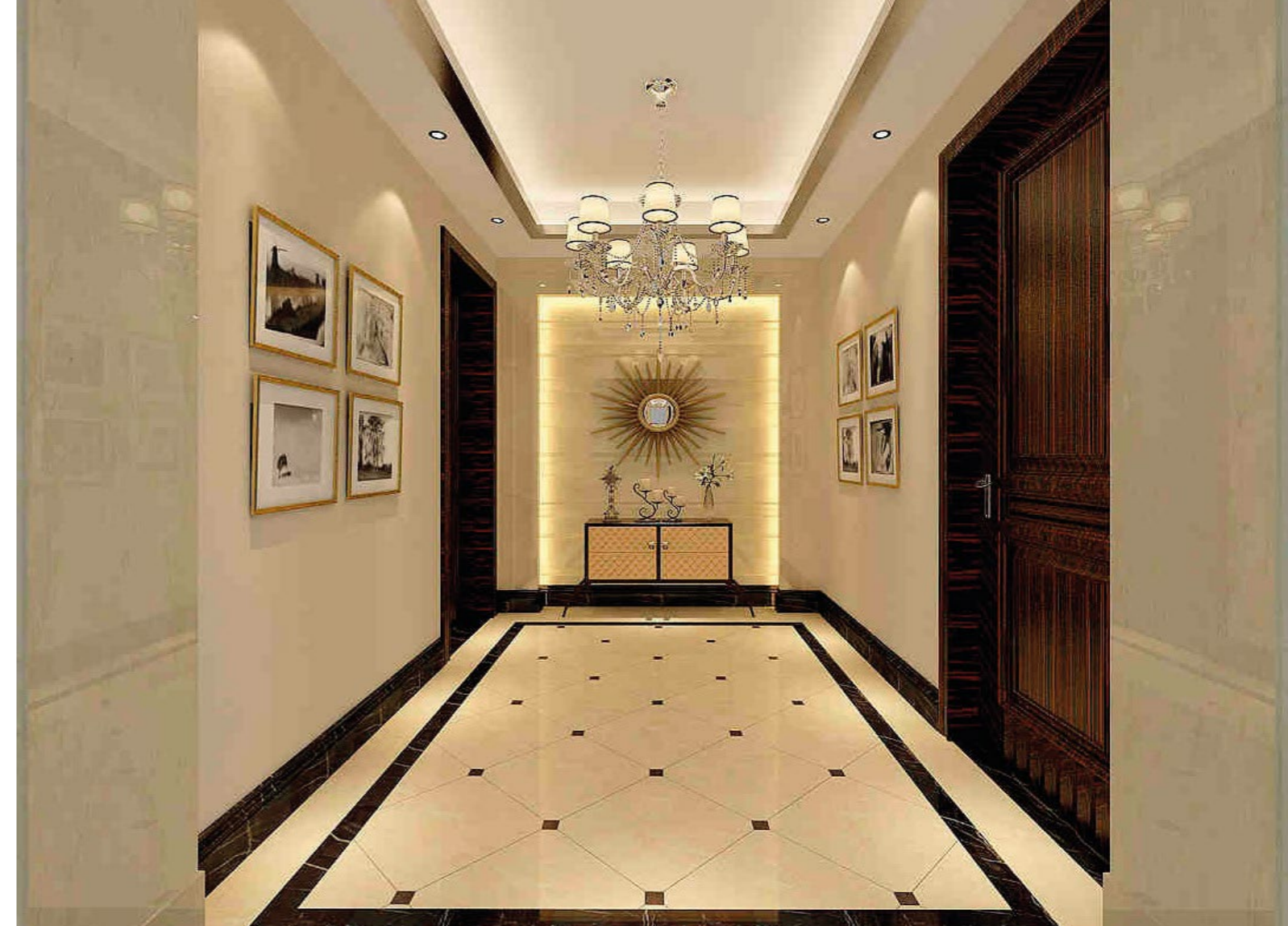
Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.



## APPLICATION

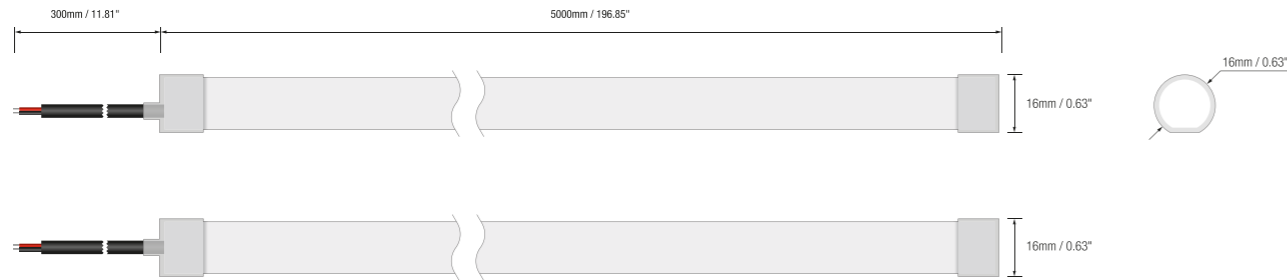
- ▶ Facade lighting, contour lighting and landscape lighting.
- ▶ Solutions for retail shops.
- ▶ Signage and illuminated advertising.
- ▶ Ideal for architectural lighting, coves, object integration.

# LEDLINE SIMBA WHT



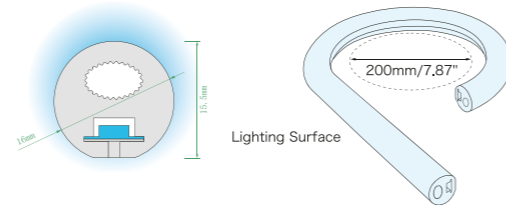
-LEDLINE SIMBA WHT, DC24V  
 Cross section size 16mm x 15.5mm/0.63" x 0.61" (W x H), which is vertical bending with radius of 100mm / 3.94".  
 -2-Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.  
 -IP67 protected, UV resistant, chemical resistant for indoor & outdoor solutions. Very easy to cut & reconnect on site.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> = -25°C /-13°F, Ta <sub>max</sub> (Table below)
CRI	Ra93



Ledline Simba WHT	Output
Power(W/m W/ft)	10/3.1
Efficacy(lm/W) @4000K	71
Max. Ambient tempt.(Ta <sub>max</sub> )	45°C /113°F

CCT	Power					Max. Run Length	Unit Cut
	2700K	3000K	3500K	4000K	6000K		
10W/M	760	795	822	707	820	13M	50mm

Note:  
 -When ambient temperature reaches 45°C, the power is suggested to be 10W/M.  
 -Max.run length refers to single side feed in serial connection.  
 -The given data are typical values due to the tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 10%.  
 -The given color temperature is the temperature of finished product.



**2 STEP**

**UV PROTECTED**

**WATERPROOF IP67**

**L70B10 > 54000H**  
**LUMILEDS**

**30 MTS / REEL AVAILABLE**

**RESISTANT TO CHEMICAL**

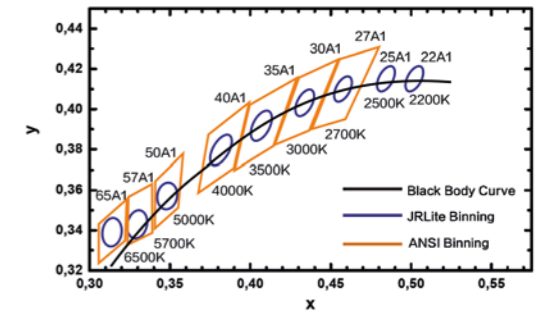
**ONE BIN ONLY**  
 Color consistency Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
SIMBA	27=2700K	5000=5M/196.85"	010=10W	F=FRONT
	30=3000K			
	35=3500K			
	40=4000K			
	60=6000K			

Example:  
 SIMBA-30-1500-010-F:  
 LEDLINE SIMBA WHT, 3000K, 1.5M/reel, 10W/M, Front cable entry.

- 1.Max production length 30meters per reel, and the standard packaging is 10meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.It is no IK-Rated, please don't walk on it without protection.



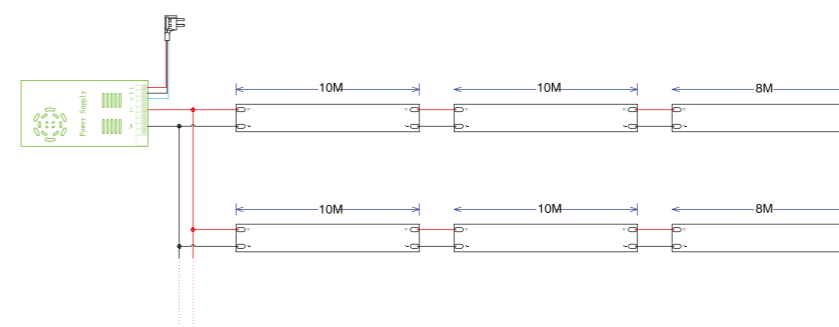
## CABLE ENTRY



Front Cable Entry

- 1.With front cable entry, people could bend cable based on site situation
- 2.People could cut it and close it with end cap at site easily
- 3.It almost don't have dark zone thanks to milky end cap.
- 4.It is able to provide wide luminous range thanks to its 270° beam angle

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

10W/M - 13M Max. Single Run Length; The strip is 10m/reel at standard

-Please contact us if >150W power supply is needed.



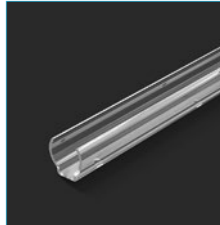
## ACCESSORIES



Mounting clips  
Order Code: AC023-SET  
Dimension: 20x16.6x15.3mm  
(L x W x H)  
Material: polycarbonate  
Color: transparent



End cap (with cable entry)  
Order Code: AD018  
Material: silicone  
Color: milky



PC Profile  
Order Code: AC016-PC  
Dimension: 1000x16.6x15.3mm/  
39.37"x0.65"x0.60"(L x W x H)  
Material: polycarbonate  
Color: transparent



Closed end cap  
Order Code: AD019  
Material: silicone  
Color: milky



## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



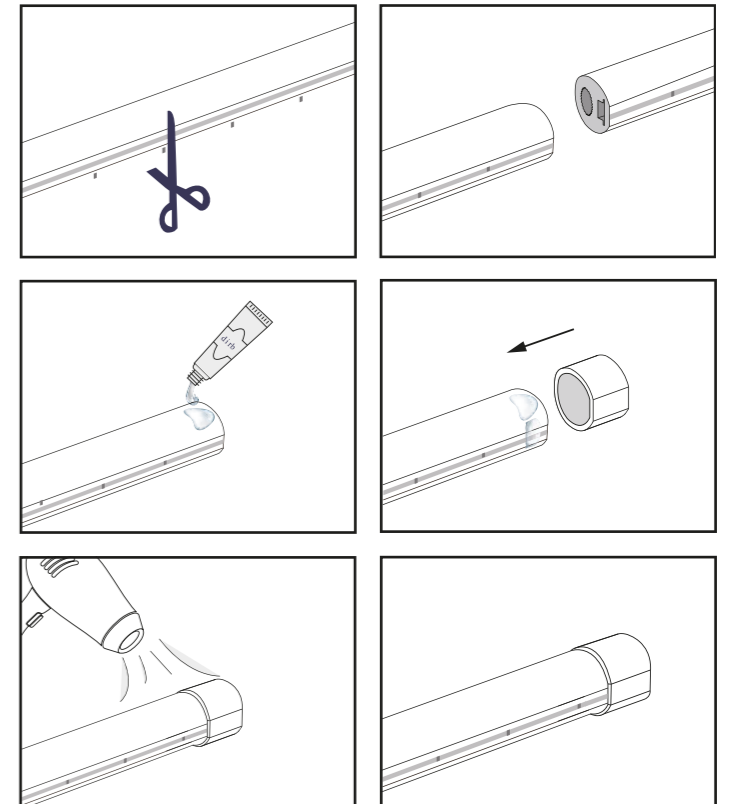
Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## APPLICATION

- ▶ Facade lighting, contour lighting and landscape lighting.
- ▶ Solutions for shopping mall, hotel.
- ▶ Signage and illuminated advertising.
- ▶ Ideal for architectural lighting, coves, object integration.

## ADDITIONAL INFO.

- ▶ Please light it up for a quick check before installation.
- ▶ There is cutting mark on LEDLINE SIMBA WHT. People could cut it based on cutting mark and close it with silicone glue on site very easily.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

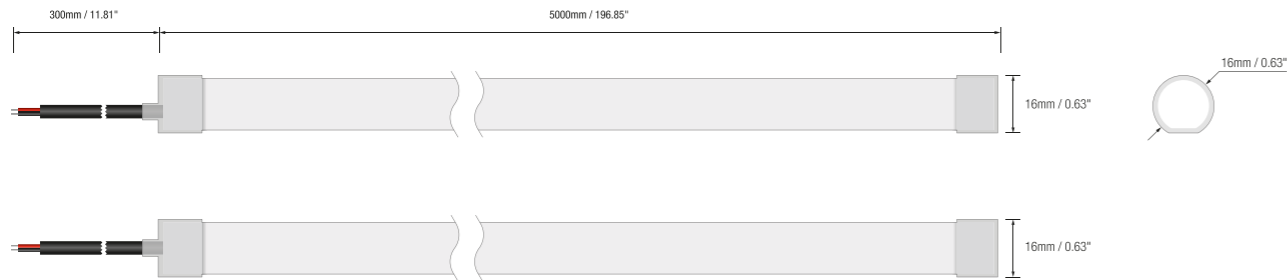


# LEDLINE SIMBA IQ



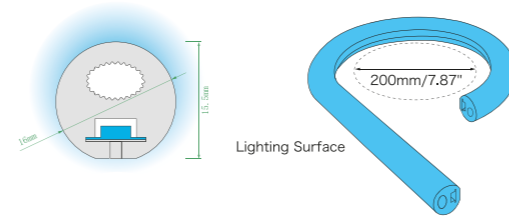
-LEDLINE SIMBA IQ, DC24V  
 Cross section size 16mm x 15.5mm/0.63" x 0.61" (W x H), which is vertical bending with radius of 100mm / 3.94".  
 -3-Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.  
 -IP67 protected, UV resistant, chemical resistant for indoor & outdoor solutions. Very easy to cut & reconnect on site.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 52.4°C /126.3°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> = -25°C /-13°F, Ta <sub>max</sub> = 45°C /113°F
CRI	Ra80
Power(W/m W/ft)	10/3.1
Efficacy(lm/W) @6000K	83



CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
2700K	436	5W/M	5M	50mm
6000K	459	5W/M	5M	50mm
2700K+6000K	889	10W/M	5M	50mm

### Note:

- When ambient temperature reaches 45°C, the power is suggested to be 10W/M.
- Max.run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



**3 STEP**

**UV PROTECTED**

**WATERPROOF IP67**

**L70B10 > 54000H LUMILEDS**

**30 MTS / REEL AVAILABLE**

**RESISTANT TO CHEMICAL**

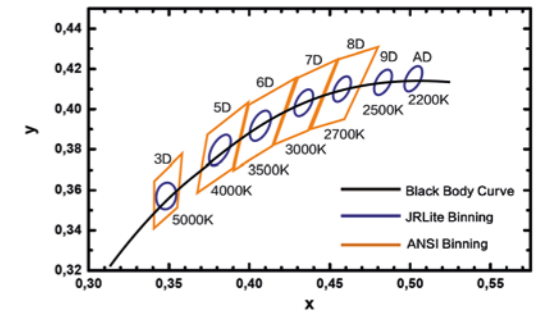
**ONE BIN ONLY**  
 Color consistency Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
SIMBA IQ	2760=2700+6000K	5000=5M/196.85"	010=10W	F=FRONT

Example:  
 SIMBA IQ-2760-1500-010-F:  
 LEDLINE SIMBA IQ, 2700+6000K, 1.5M/reel, 10W/M, Front cable entry.

- 1.Max production length 30meters per reel, and the standard packaging is 5meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.It is no IK-Rated, please don't walk on it without protection.



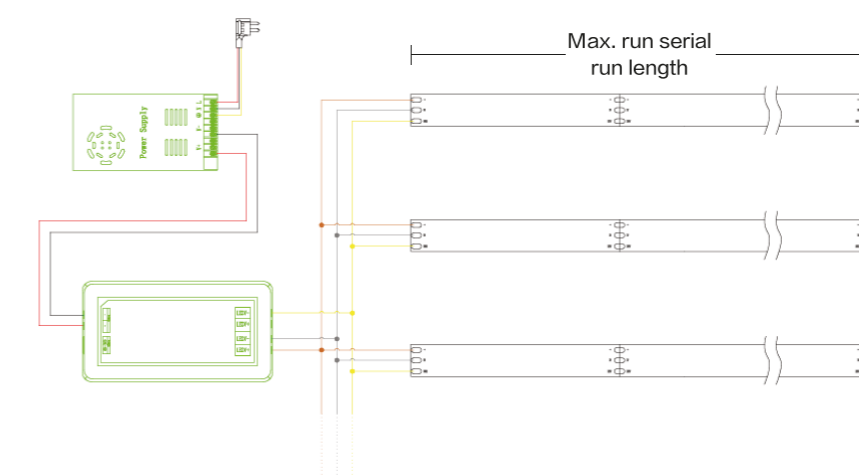
## CABLE ENTRY



Front Cable Entry

- 1.With front cable entry, people could bend cable based on site situation
- 2.People could cut it and close it with end cap at site easily
- 3.It almost don't have dark zone thanks to milky end cap.
- 4.It is able to provide wide luminous range thanks to its 270° beam angle

## WIRING DIAGRAM

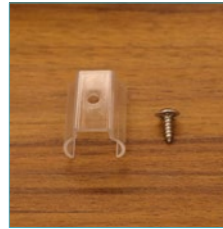


-Maximum single run length depends on the wattage of power supply and LED Strip:

Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits. The strip is 10m/reel at standard

-Please contact us if >150W power supply is needed.

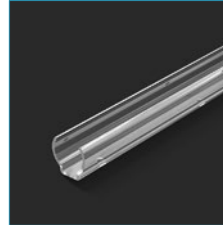
## ACCESSORIES



Mounting clips  
Order Code: AC023-SET  
Dimension: 20x16.6x15.3mm  
(L x W x H)  
Material: polycarbonate  
Color: transparent



End cap (with cable entry)  
Order Code: AD018  
Material: silicone  
Color: milky



PC Profile  
Order Code: AC016-PC  
Dimension: 1000x16.6x15.3mm/  
39.37"x0.65"x0.60"(L x W x H)  
Material: polycarbonate  
Color: transparent



Closed end cap  
Order Code: AD019  
Material: silicone  
Color: milky



## CONTROLLER & DRIVER



Order code: M2+M3-3A  
RF Controller  
DC24V, 3A\*2Channel, Max 6A  
IP20, Support remote control



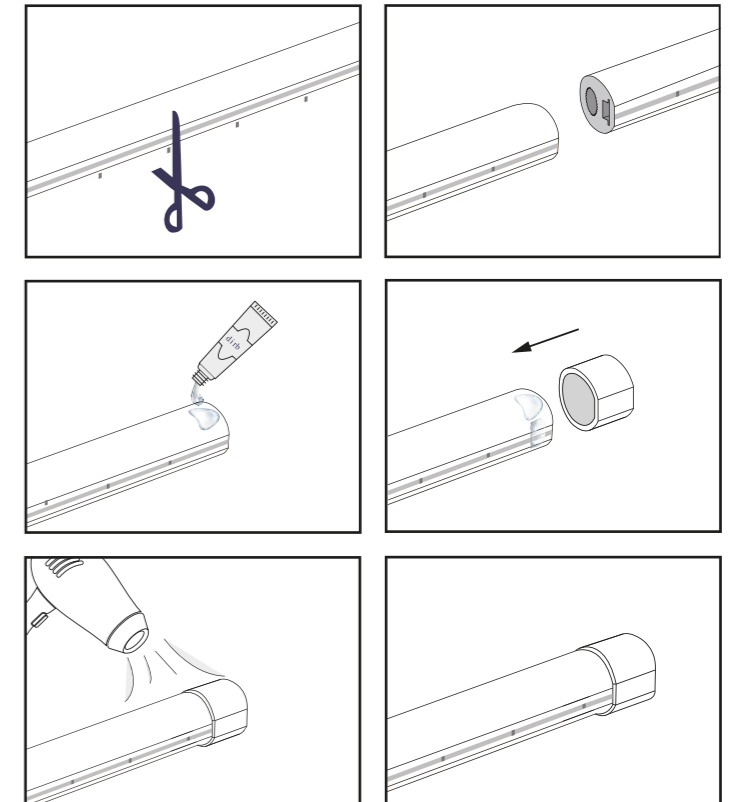
Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.

## APPLICATION

- ▶ Hotel, restaurant, handrails lighting.
- ▶ Shop, residential, offices lighting.
- ▶ Organic shaped luminaires.
- ▶ Ideal for architectural lighting, object integration and signage.

## ADDITIONAL INFO.

- ▶ Please light it up for a quick check before installation.
- ▶ There is cutting mark on LEDLINE SIMBA IQ. People could cut it based on cutting mark and close it with silicone glue on site very easily.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

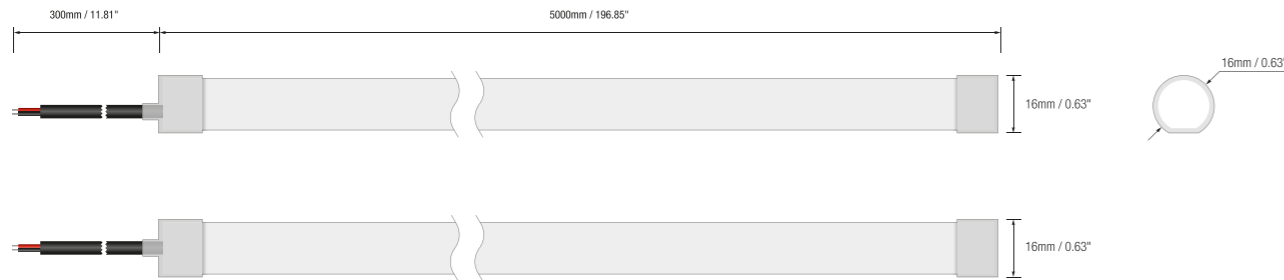


# LEDLINE SIMBA RGB



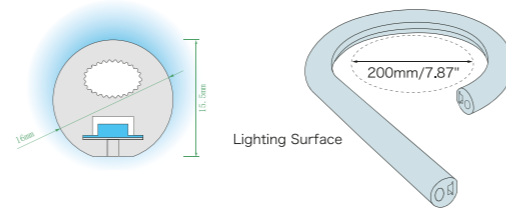
-LEDLINE SIMBA RGB, DC24V  
 Cross section size 16mm x 15.5mm/0.63" x 0.61" (W x H), which is vertical bending with radius of 100mm / 3.94".  
 -ONE BIN only and dot free lighting guarantee the most excellent performance over the rated lifetime.  
 -IP67 protected, UV resistant, chemical resistant for indoor & outdoor solutions. Very easy to cut & reconnect on site.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 52.2°C /125.9°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>a min</sub> = -25°C /-13°F, T <sub>a max</sub> = 45°C /113°F
Power(W/m W/ft)	10/3.1
Efficacy(lm/W)	34



CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
R	75	3.3W/M	5M	62.5mm
G	224	3.3W/M	5M	62.5mm
B	46	3.3W/M	5M	62.5mm
RGB	340	10W/M	5M	62.5mm

### Note:

- When ambient temperature reaches 45°C, the power is suggested to be 10W/M.
- Max.run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



**ONE BIN ONLY**

**UV PROTECTED**

**WATERPROOF IP67**

**L70B10>54000H**

**LUMILEDS**

**30MTS / REEL AVAILABLE**

**RESISTANT TO CHEMICAL**

**ONE BIN ONLY**

Color consistency Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
SIMBA RGB	RGB	5000=5M/196.85"	010=10W	F=FRONT

Example:  
 SIMBA RGB-1500-010-F:  
 LEDLINE SIMBA RGB,  
 1.5M/reel, 10W/M, Front cable entry.

- 1.Max production length 30meters per reel, and the standard packaging is 10meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.It is no IK-Rated, please don't walk on it without protection.

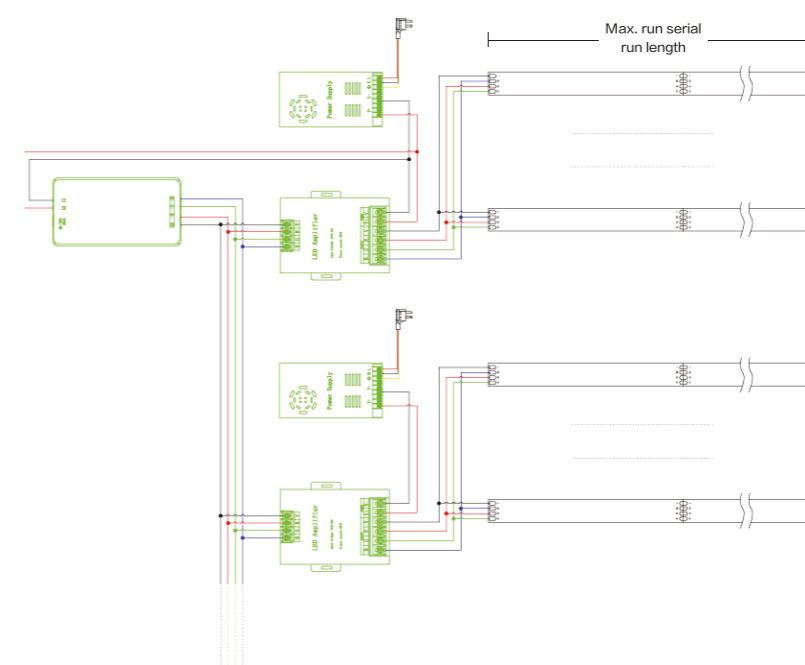
## CABLE ENTRY



Front Cable Entry

- 1.With front cable entry, people could bend cable based on site situation
- 2.People could cut it and close it with end cap at site easily
- 3.It almost don't have dark zone thanks to milky end cap.
- 4.It is able to provide wide luminous range thanks to its 270° beam angle

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits. The strip is 10m/reel at standard

-Please contact us if >150W power supply is needed.

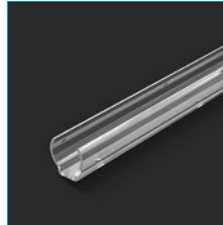
## ACCESSORIES



Mounting clips  
Order Code: AC023-SET  
Dimension: 20x16.6x15.3mm  
(L x W x H)  
Material: polycarbonate  
Color: transparent



End cap (with cable entry)  
Order Code: AD018  
Material: silicone  
Color: milky



PC Profile  
Order Code: AC016-PC  
Dimension: 1000x16.6x15.3mm/  
39.37"x0.65"x0.60"(L x W x H)  
Material: polycarbonate  
Color: transparent



Closed end cap  
Order Code: AD019  
Material: silicone  
Color: milky



## CONTROLLER & DRIVER



Order code: M6+M3-3A  
RF Controller  
DC24V, 3A\*3Channel, Max 9A  
IP20, Support remote control



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



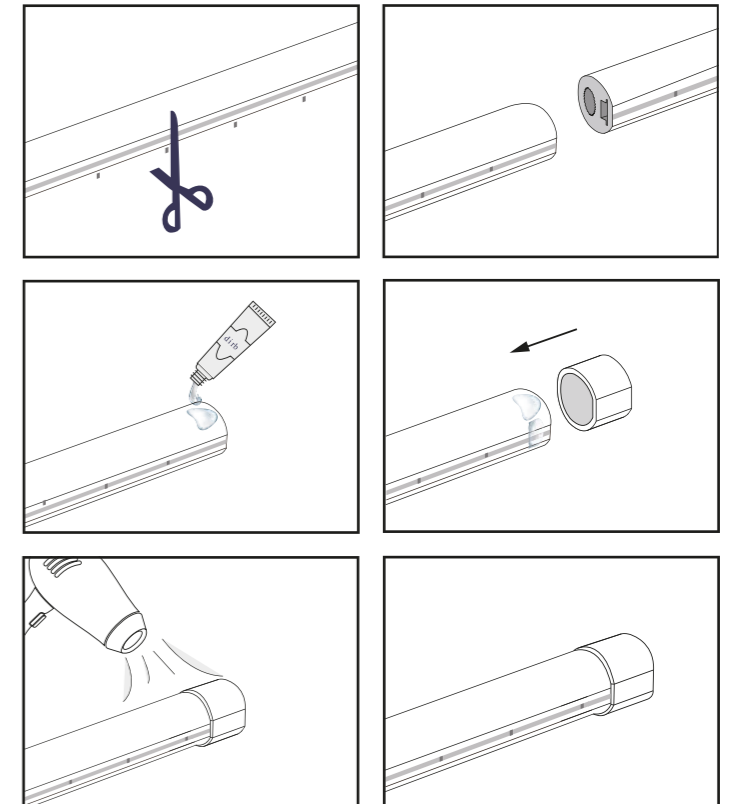
Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## APPLICATION

- Suitable for bar, ceiling and wall lighting application.
- Ideal for color dynamic application with excellent color rendition and high power levels.

## ADDITIONAL INFO.

- Please light it up for a quick check before installation.
- There is cutting mark on LEDLINE SIMBA RGB. People could cut it based on cutting mark and close it with silicone glue on site very easily.
- Warranty: All LED light are warranted to be free from defects in product itself for 3 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

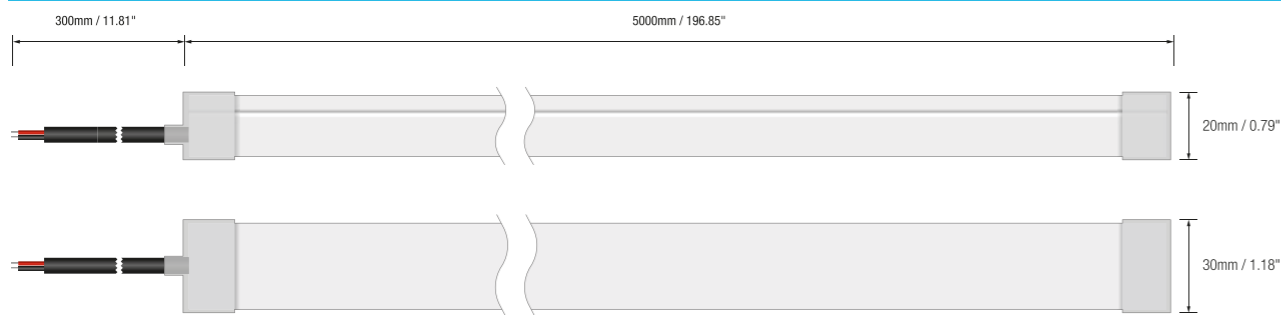


# LEDLINE CAPTAIN WHT



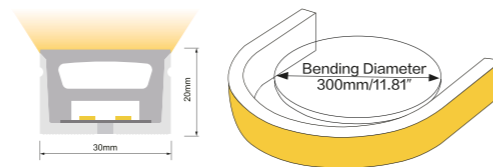
-LEDLINE CAPTAIN WHT, DC24V. Cross section size 30mm x 20mm / 1.18" x 0.79" (W x H), which is vertical bending with radius of 150mm / 5.91".  
 -IP67 protected, UV resistant, chemical resistant for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
 -2-Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> = -25°C /-13°F, Ta <sub>max</sub> (Table below)
CRI	Ra93



LEDLINE CAPTAIN WHT	STD output
Power(W/m W/ft)	19/5.8
Efficacy(lm/W) @4000K	56
Max. Ambient temp.(Ta <sub>max</sub> )	45°C /113°F

CCT	Power					Max. Run Length	Unit Cut
	2700K	3000K	3500K	4000K	5500K		
19W/M	1005	1073	1089	1053	1053	16M	50mm

### Note:

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.

**2 STEP**

**UV PROTECTED**

**WATERPROOF IP65**

**L70B10 > 54000H**  
**LUMILEDS**

**12MTS / REEL AVAILABLE**

**RESISTANT TO CHEMICAL**

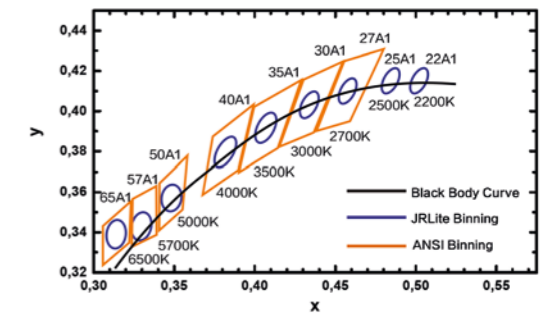


## ORDER CODE

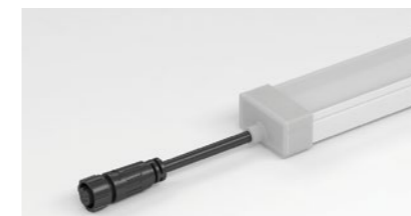
SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
CAPTAIN WHT	27=2700K	05000=5M/196.85"	019=19W	F=FRONT
	30=3000K			
	35=3500K			
	40=4000K			
	55=5500K			

Example:  
 CAPTAIN WHT-30-01500-019-F:  
 LEDLINE CAPTAIN WHT, 3000K,  
 1.5M/reel, 19W/M, Front cable entry.

- 1.Max production length 12meters per reel, and the standard packaging is 10meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.

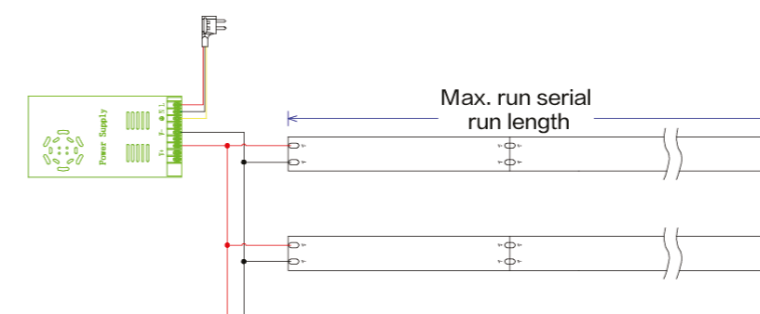


## CONNECTION



Front Cable Entry  
 DIY connector optional

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

19W/M - 16M Max. Single Run Length;  
 The strip is 10m/reel at standard.

-Please contact us if >150W power supply is needed.

-Please contact us if you need dimmable function.

## ACCESSORIES



Aluminium Profile  
Order Code: AC022-AP  
Dimension: 1000x32x20mm/  
39.37"x1.3"x0.79"(LxWxH)  
Material: aluminium  
Color: silver



IP67 Connector 2PIN  
Order Code: AD007-2  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500  
mating cycles



Mounting Clips  
Order Code: AC024-SET  
Dimension: 20x33x20mm/  
0.79"x1.3"x0.79"(LxWxH)  
Material: aluminium  
Color: silver  
Each meter led strips needs  
4 clips + 4 screws



LEDLINE ASTON Scissor  
Order Code: AF001-1



## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



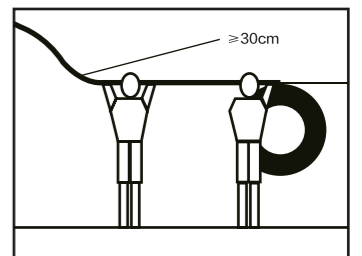
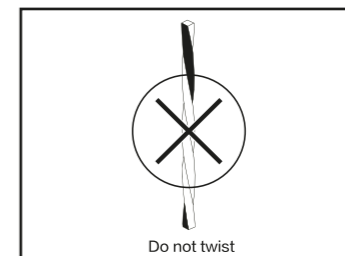
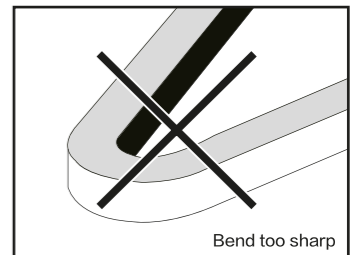
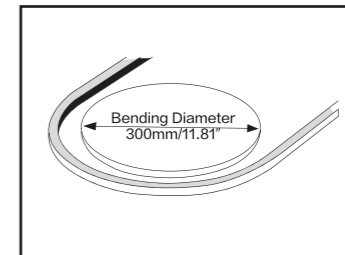
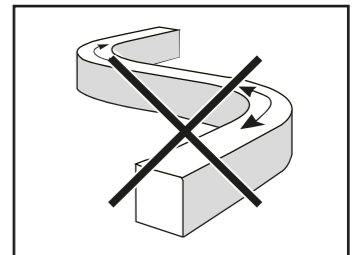
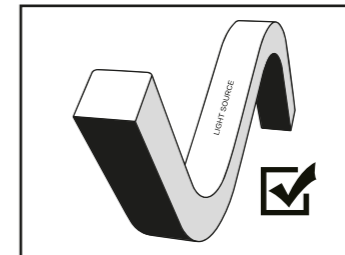
Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## APPLICATION

- Facade lighting, contour lighting and landscape lighting.
- Solutions for retail shops.
- Signage and illuminated advertising.
- Ideal for architectural lighting, coves, object integration.

## ADDITIONAL INFO.

- Please light it up for a quick check before installation.
- Bending diameter of LEDLINE CAPTAIN WHT is 300mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.





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**Special length,  
different cable,  
or unconventional  
PCB board and so  
on, all is available  
for you.**

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**Keep it  
Customized  
For You ”**

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**AFFARI**  
Lighting Solutions

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