LUMINAIRE
Galarneau

Product Specification

Quick Connector of LED strip

10mm FPC 2PIN All in one quick Connector

WW-FLS102B-MUCN-10

RoHS
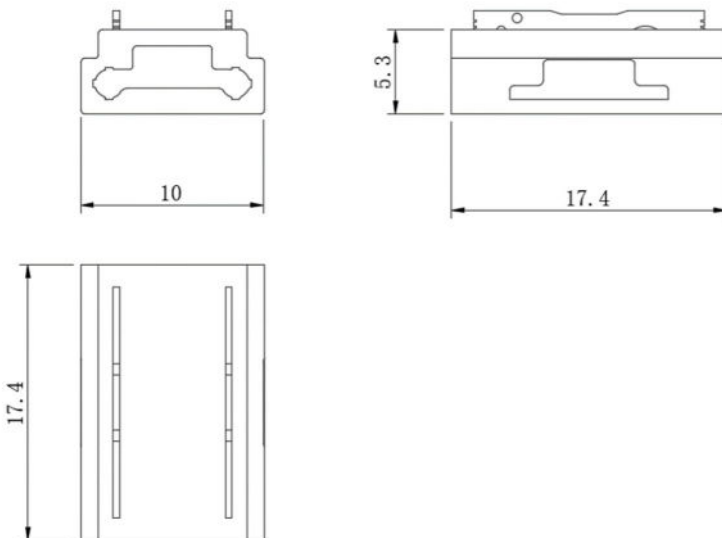
Product Features

● Dimension:17.4 X11.6X 5.3mm (0.68 × 0.45 x 0.209inch)

● Operating temperature: -10℃ ~ +45℃(-14℉~ +113℉)

● Storage temperature: 0℃ ~ +60℃(32℉~ +140℉)

● Humidity: 30-70%RH

● IP Grade: IP20

● Input Voltage: Max.36V

● Current capacity: Max.5A

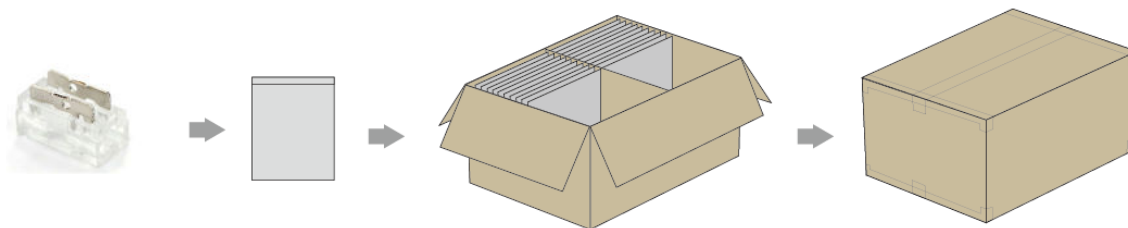● Color：Transparent

● Applied to the 10mm width COB strip

Dimension Drawing

Unit：mm   Tolerance：±0.2mm

Packaging Diagram

Packaging Information

| IP Grade	Packing bag		Outer carton		N.W	G.W	Outer carton volume
	Bag size	PCS/Bag	Size	pcs/ctn			
20	140*140 mm	100	440*400*260mm	10000	8.8 KG ±10%	9.7 KG ±10%	0.04576 m^3
	5.51*5.51 in	100	17.3215.75*10.24in	10000	19.4 Lbs ±10%	21.38 Lbs ±10%	1.616 ft^3

Remarks :

● Please contact our sales account manager for customized package (color box, blister etc.)
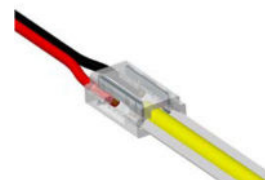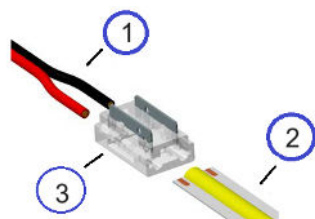
Installation guide

1： Connecting wires

(1): Insert the wires separately

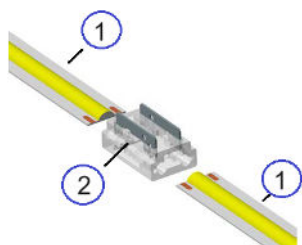(2): Press the metal piece with tools
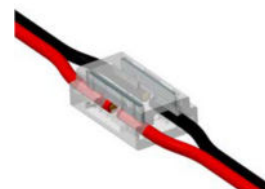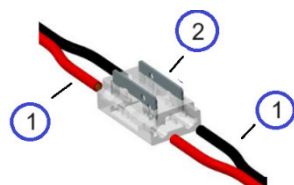
2： Connecting wires to LED strip

(1): Insert the wires

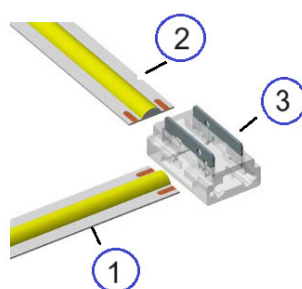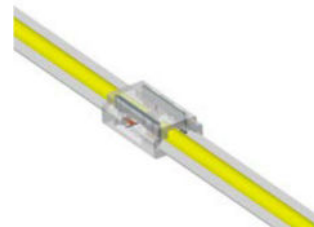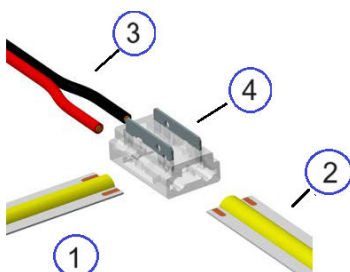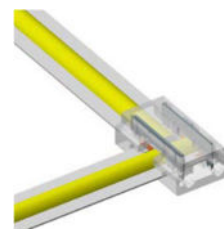(2): Insert the LED strip

(3): Press the metal piece with tools

3： Connecting LED strip to LED strip

(1): Insert the LED strip

(2): Press the metal piece with tools
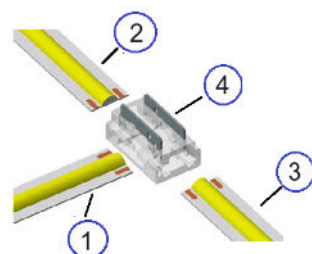
4： Connecting LED strip to LED strip in L-shape

(1): Insert LED strip 1

(2): Insert LED strip 2

(3): Press the metal piece with tools
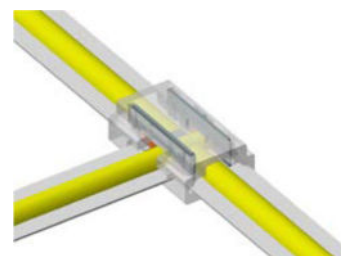
5： Connecting wires to LED strip in L-shape

(1): Insert LED strip 1

(2): Insert LED strip 2

(3): Insert wire 3

(4): Press the metal piece with tools
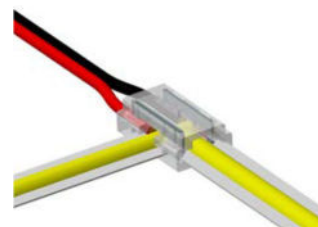
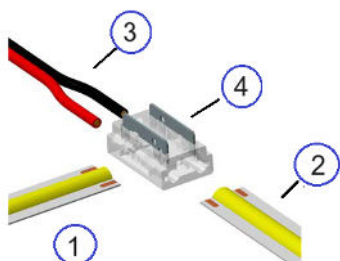6： Connecting LED strip to LED strip In T-shape

(1): Insert LED strip 1

(2): Insert LED strip 2

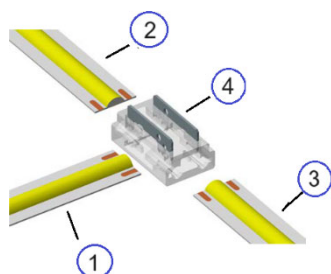(3): Insert LED strip 3

(4): Press the metal piece with tools

7：Connecting wires to LED strip in T-shape
(1): Insert LED strip 1 through the connector
(2): Insert LED strip 2
(3): Insert wire 3
(4): Press the metal piece with tools
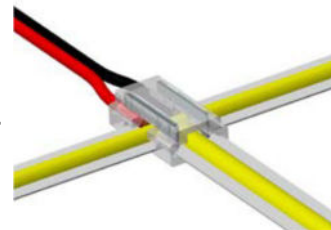
8：Connecting LED strips in X-shape
(1): Insert LED strip 1 through the connector
(2): Insert LED strip 2
(3): Insert LED strip 3
(4): Press the metal piece with tools
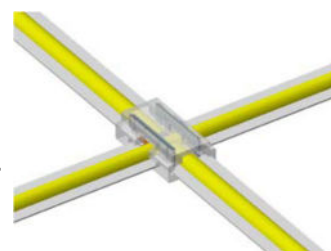
9：Power ports
(1)：Install the connector at the end of the LED strip and
connect to the power supply to solve the voltage drop issue supply
at the middle and end of the LED strip.

Remark:
1：Before connecting the LED strip, ensure that all positive and negative poles are connected correctly
2：Rated wires: 0.35-0.5mm^2 or 20-22AWG and OD<1.8mm

⚠ Cautions

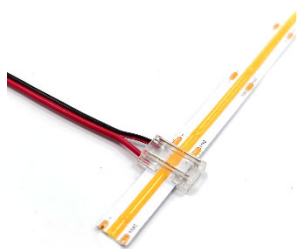| IP20	IP54	IP65	IP67	IP68
Do not press the surface of LED	Pay attention to high temperature environment	Do not use in strong water waves environment	Resist strong water waves impact	Can apply to underwater do not deeper than 1m (<1M)
Pay attention to damp-proof and dustproof	Do not apply to rainy environment	Can be applied to rainy environment	Do not apply to underwater environment for a long time	No direct sunlight

Do not tie a knot	Do not winding	Do not twist	Do not cut when it is working	Recommended the continuous working time do not exceed 12 hours daily (12h)	-20℃~+45℃ (-4℉~+113℉) Operating temperature	0℃~+60℃ (32℉~+140℉) Storage temperature	Operated by professionals
Pay attention to the application environment	IP Level will change after cutting	Do not pull and crash	Connected to power supply every 5 meters (5M)	Power supply must be connected to ground(GND)	The minumum bending diameter > 60mm (> 60mm)	Power supply retain > 20%	Note the positive and negative poles

For cutting LED strip operation, it is necessary to use the standard accessories provided by Dilux (e.g. DC wire, end-cap, front-cap, adhesive, etc.), and according to the correct cutting and connecting method for the installation.

For avoiding LED get vulcanized, LED strip should be installed in the environment where does not has oil and corrosive substances. Such as these substances which contain Sulphur、Bromine、Iodine and Chlorine. Some other chemical elements which will cause Aromatic hydrocarbons releasing(such as: methylbenzene、xylene、methyl acetoacetate Ethyl acetate etc.).The environment in which includes strong acid and strong base.

During the warranty period, only defective products are acceptable to be replaced by the factory. Factory is not responsible for other expenses because of replacement，such as transportation fee, installation fee, etc..

** If you do not follow the above "Cautions" to operate and result in damaging the product, the factory will not accept maintenance and return.
**The right of final interpretation is owned by Dilux.