



PRODUCT SPECIFICATION

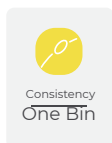
COB HIGH DENSITY LED STRIP

A-SERIES 480



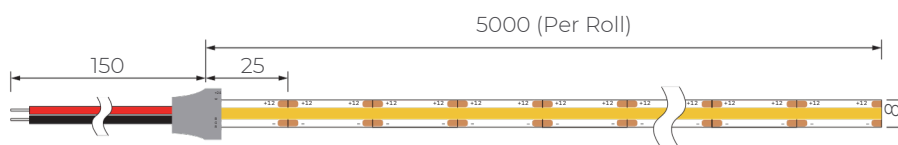
YELLOW AND GREY

- Single colour COB LED strip is designed to offer the best ultrahigh density and dot-free lighting with a unique seamless appearance
- High end COB led strip for residential, industrial, & commercial use
- 0-100% flicker-free, High frequency exemption level.

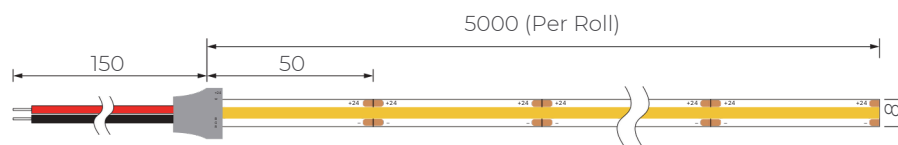


Dimension

COB-480-Single colour-12V



COB-480-Single colour-24V



Technical Data	
Input voltage	12V/24V
CRI(Ra)	≥ 90
Bram angle	180°
Warranty	3 years

SMD Type	Working	480LEDs
hour	Working	50000h
temperature	Cutttable	-25°C~+45°C
length(MM)	PCB	25/50
Width(MM)		8

12 VDC



CCT [K]	CRI	Voltage [V]	Power [W/M]	Lumen [LM/M]	Efficiency [LM/W]	Unit cut [MM]	Max.run length(M)	CV/CC
2700K±100	≥90	DC12V	10	820	82	25	5	CV
3000K±150	≥90	DC12V	10	870	87	25	5	CV
4000K±250	≥90	DC12V	10	970	97	25	5	CV
6000K±300	≥90	DC12V	10	1060	106	25	5	CV

24 VDC

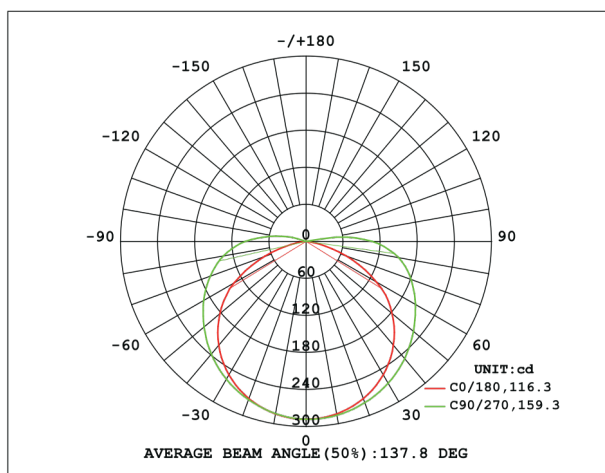
CCT (K)	CRI	Voltage (V)	Power (W/M)	Lumen (LM/M)	Efficiency (LM/W)	Unit cut (MM)	Max.run length(M)	CV/CC
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6000K±300	≥ 90	DC24V	10	1060	106	50	5	CV

- The given color temperature is the temperature of finished product. 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%. All products can be dimmed; the dimmer's voltage should conform to the rated voltage of the led light. The output frequency of the dimmer of the constant-current led light should be less than 2K Hz, and the output PWM can control the led light.

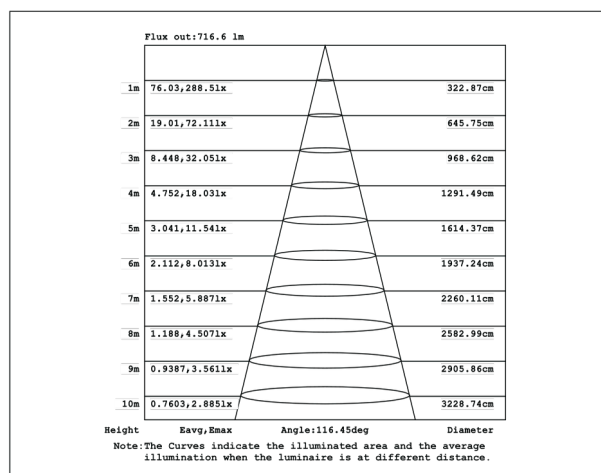
Cable

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		Inner core : 20AWG		Red V+、Black V-

Light Distribution Curve



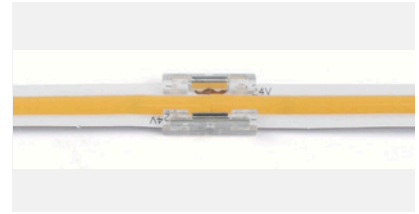
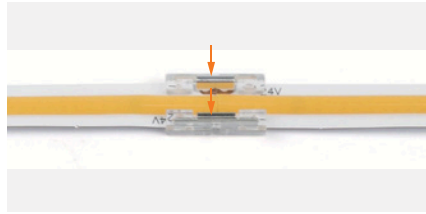
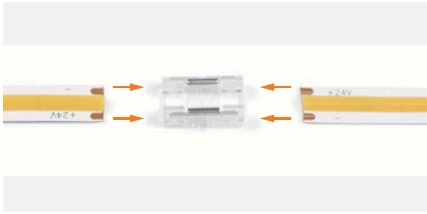
Illuminance curve



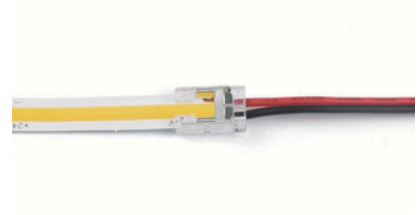
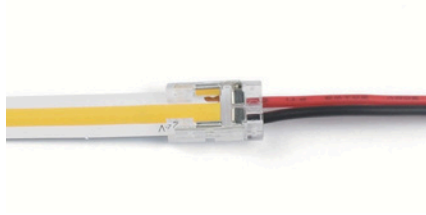
Note: The above data is based on 24V, 10W/M, single colour with 4000k colour temperature. If you need IES files for other types, please contact our sales department.

Installation Instructions for Connector (Note: The overcurrent load limit of the connector is 3A.)

Strip to Strip



Strip to Cable



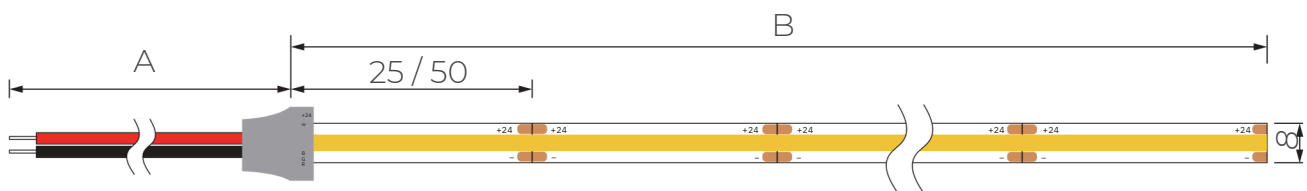
Insert the strip into the connector and make sure the pad of the strip is in full contact with the pin on the connector.

Press down the metal pin on the connector so that the connector pin penetrates and secures the pad of the strip.

Finished product diagram.

Strip to Strip

Custom Cuts / Cable lengths

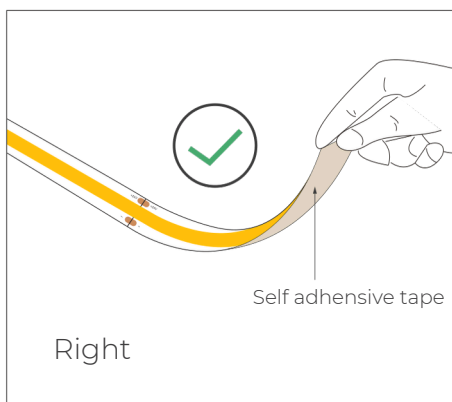
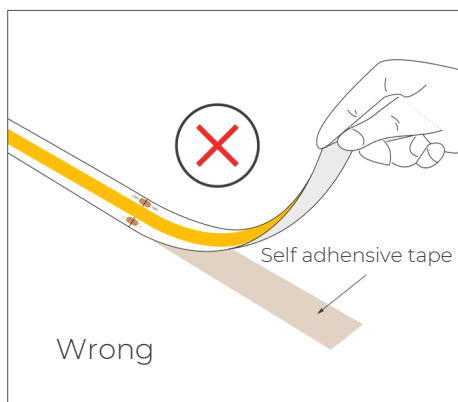


For custom cable and LED lengths contact sales@yellowgrey.co.uk

A = Up to 20 meters

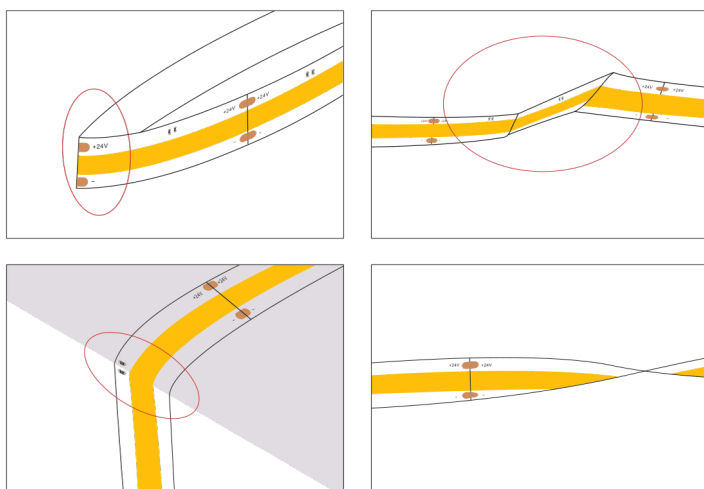
B = Up to 7 meters, or 14 meters (powered from both sides)

⚠ Cautions

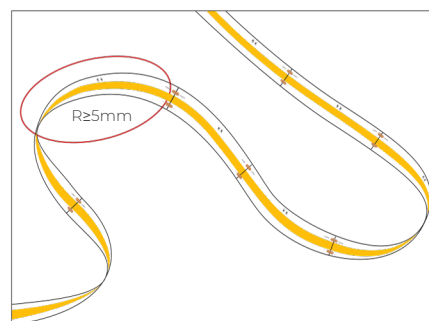


If the led strip needs to be torn up, please make sure that the self adhesive tape is torn with the led strip, otherwise the led strip will be damaged

When install the led strip, please note the installation technique. The led strip can be bent, but not distorted, as shown below.



Distortion(Wrong)

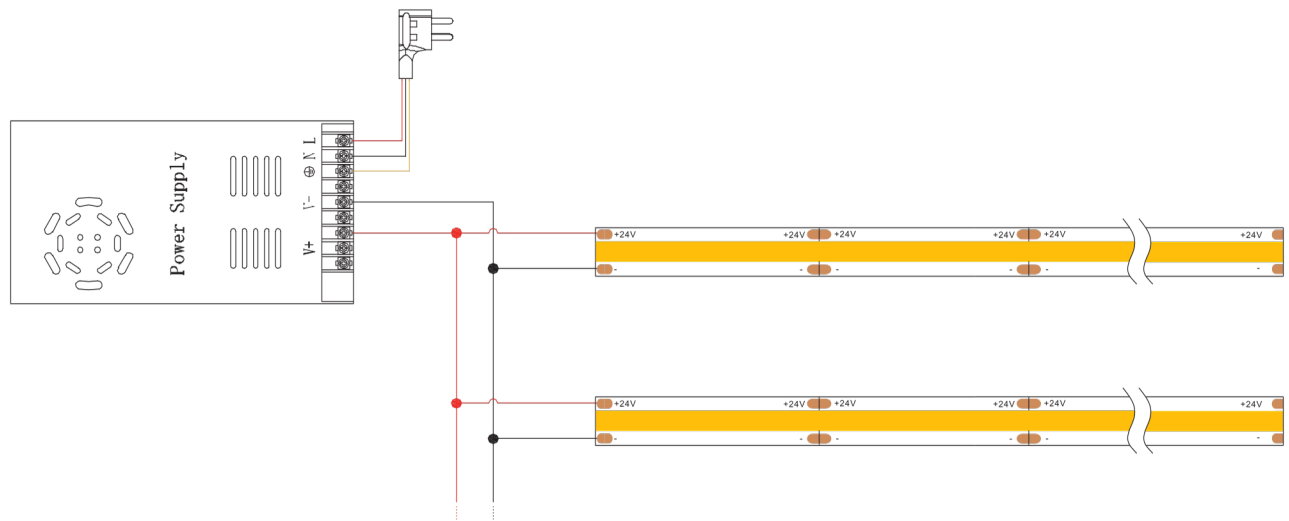


Bend(Right)

- LED strips are low voltage products, you must use the power supply (transformer). Please don't connect the led strip directly to the AC 110v or AC 220v, otherwise it will burn out the LED strips.

- Clean up the installation surface, it will ensure the reliability of the adhesive. The electrical connection process must be operated by a professional person.

Connection Diagram



IP Options

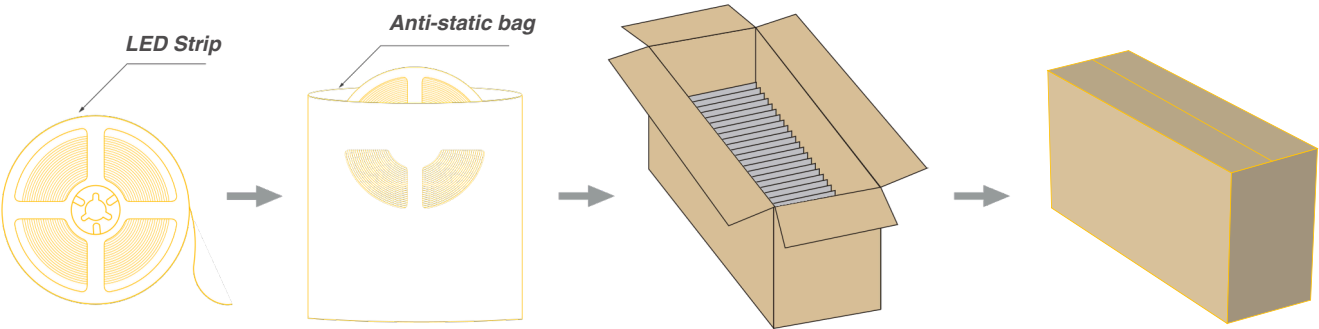
For custom IP rating contact sales@yellowgrey.co.uk

- IP20 - As standard
- IP66 - On Request
- IP67 - On Request

Application Examples



Package



BE A TRUSTED LED STRIP MANUFACTURER

Email : sales@yellowgrey.co.uk

Webiste : www.yellowgrey.co.uk

Trading Name : Yellow & Grey Limited

Registration number : 16034922