



COB LED STRIP

CB-PRO-24V-5M-8MM

Feature

- Highlight COB + flexible FPC for superior flexibility and light quality.
- High colour rendering with CRI90+ for more accurate and vivid lighting.
- Delivers high brightness with light efficiency up to 115 lm/W.
- Precise cutting every 50mm for customizable lengths.
- Wide waterproofs range from IP20 to IP67 for various environments.
- Long lifespan of ≥50,000 hours for extended use.
- Compatible with a wide range of dimming controllers.
- Available in multiple colour temperatures: 2700K, 3000K, 4000K, 6500K.
- Operates on safe low voltage (24V DC) with wide beam angle (180°).
- Designed to perform reliably in -20°C to +45°C conditions.



Application

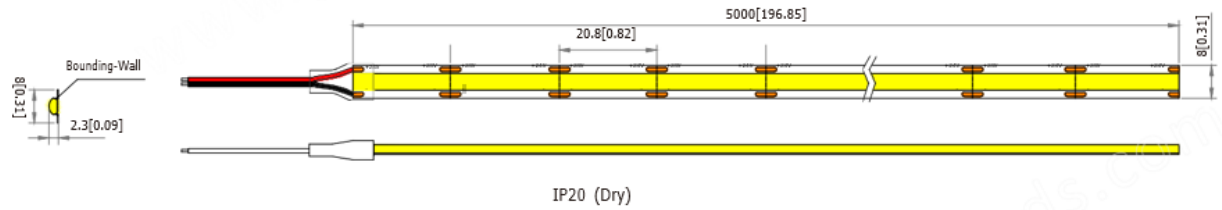
Ideal for energy-efficient, flexible, and multifunctional home and commercial lighting such as:

- Under-cabinet and shelf lighting
- Cove and indirect ceiling lighting
- Stair and corridor lighting
- Display and showcase illumination
- Decorative architectural accents
- Moist or outdoor spaces requiring waterproof protection

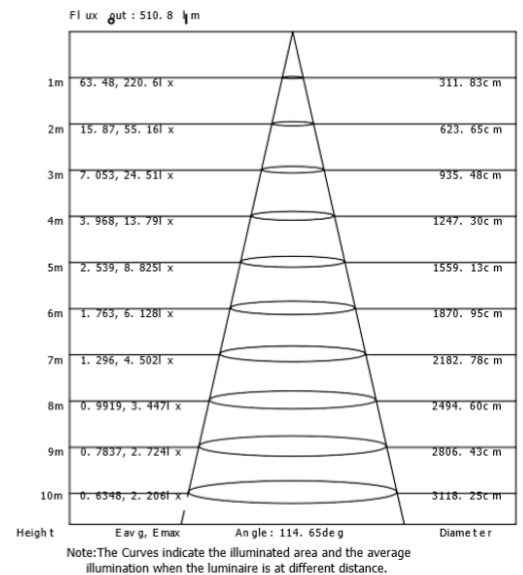
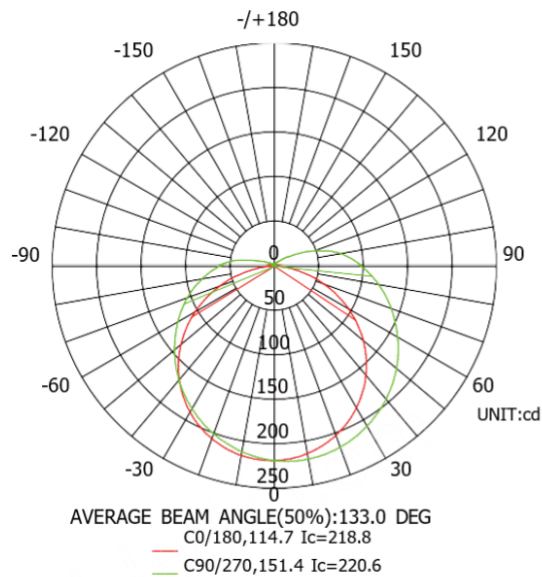
Specification

Part No.	Dimension	Colour	Style	Voltage	Power	Brightness	CRI	Increment	Max Run	IP Rating	Beam Angle
CB-PRO-24V-5M-8MM-27K	L5,000 x W8 x H2.3mm	2700K	COB	24Vdc	10 W/m	1,020 lm/m	≥90	20.8 mm	5m	IP20	150°
CB-PRO-24V-5M-8MM-30K	L5,000 x W8 x H2.3mm	3000K	COB	24Vdc	10 W/m	1,070 lm/m	≥90	20.8 mm	5m	IP20	150°
CB-PRO-24V-5M-8MM-40K	L5,000 x W8 x H2.3mm	4000K	COB	24Vdc	10 W/m	1,190 lm/m	≥90	20.8 mm	5m	IP20	150°
CB-PRO-24V-5M-8MM-65K	L5,000 x W8 x H2.3mm	6500K	COB	24Vdc	10 W/m	1,230 lm/m	≥90	20.8 mm	5m	IP20	150°
CB-PRO-24V-5M-8MM-30K-IP67	L5,000 x W10 x H4mm	3000K	COB	24Vdc	10 W/m	1,020 lm/m	≥90	20.8 mm	5m	IP67	150°
CB-PRO-24V-5M-8MM-65K-IP67	L5,000 x W10 x H4mm	6500K	COB	24Vdc	10 W/m	1,170 lm/m	≥90	20.8 mm	5m	IP67	150°

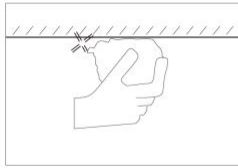
Dimension



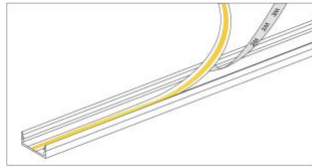
Spectroscopic Data



Installation

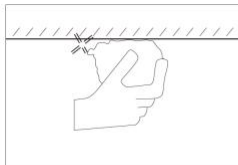


1. Clean application space.

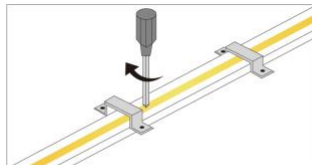


2. Peel off paper of 3M tape from solder side and then stick on application.

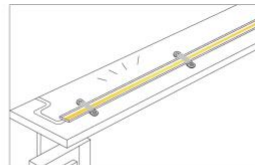
IP20/IP55/IP66



1. Clean application space.



2. Fix LED strip with clip.



3. Electrify.

IP65/IP67

Document Revision

Revision	Description	Date	Author	Approver
1.0	Initial release	4 September 2025	Jesse Jankelowitz	Michael Xu