COB LED STRIP

CB-PRO-24V-5M-10MM

Feature

- Soft, dot-free light
- Adjustable colour (warm to cool white)
- Flexible and bendable
- Slim design
- Long lifespan
- Safe low-voltage (24V)
- Indoor & outdoor options
- Even brightness throughout

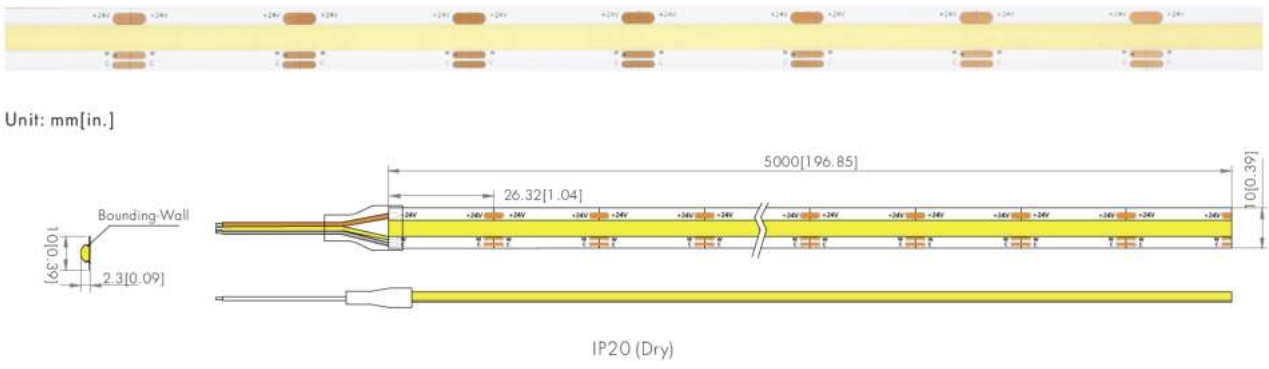
Applications

- Under cabinets in kitchens or workspaces for better lighting.
- Accent lighting in living rooms, hallways, or bedrooms.
- Behind TVs or furniture for a modern look.
- Inside closets or drawers for better visibility.
- Retail displays to highlight products.
- Stairs and walkways for safety and style.
- Outdoor setups (if water-resistant version is used), like patios or garden features.
- Hotels, restaurants, or office lobbies for elegant ambient lighting.

Specification

Part No.	Dimension	Colour	Style	Voltage	Power	Brightness	CRI	Increment	Max Run	IP Rating	Beam Angle
CB-PRO-24V-5M-10MM-CCT	L5,000 x W10 x H2.3mm	CCT	COB	24Vdc	14 W/M	1,260 lm/m	≥90	26.3 mm	5m	IP20	150°
CB-PRO-24V-5M-10MM-CCT-IP65	L5,000 x W10 x H4mm	CCT	COB	24Vdc	14 W/M	1,197 lm/m	≥90	26.3 mm	5m	IP65	150°
CB-PRO-24V-5M-10MM-CCT-IP67	L5,000 x W12 x H5.5mm	CCT	COB	24Vdc	14 W/M	1,197 lm/m	≥90	26.3 mm	5m	IP67	150°

Structure



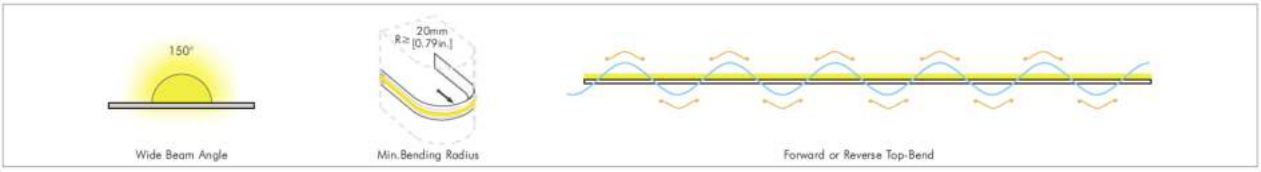
Address: 26 Garden Blvd, Dingley Village VIC 3172
Website: www.admtech.com.au Email: sales@admtech.com.au Tel: 1300 236 467

Parameter

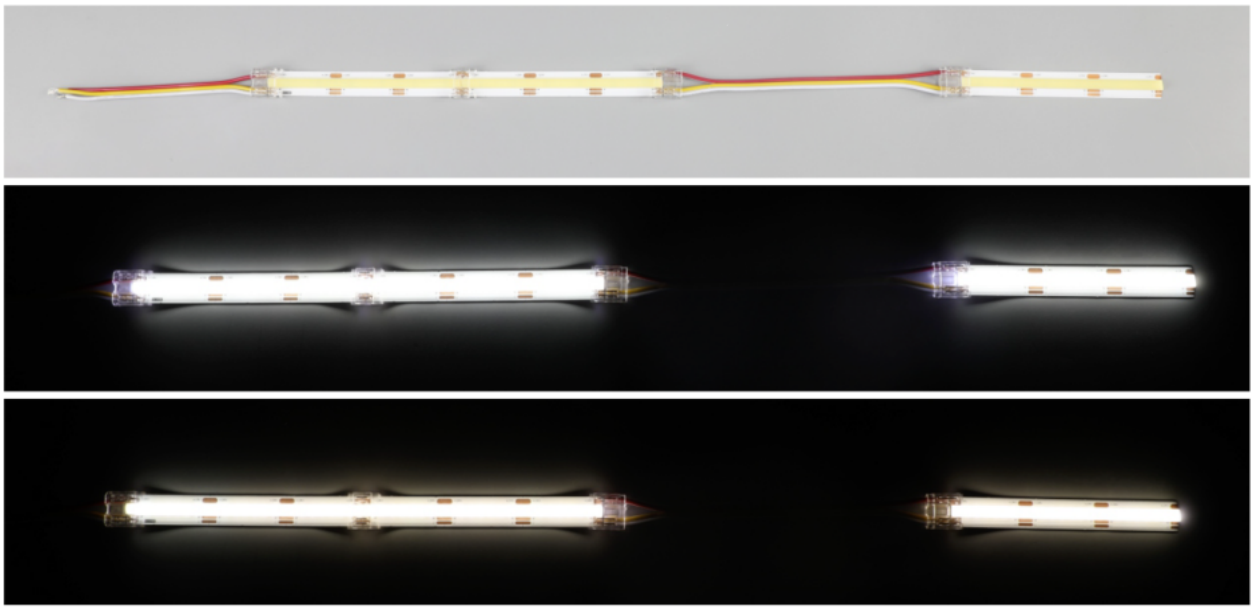
General Parameters		Photoelectric Parameters	
Standard Length	5M [16.4ft.] (power fed on one side)	Power±10%	14W/M [4.3W/ft.] (7W/color)
Min. Unit & Chip QTY	26.3mm [1.04in.] & 16 chips	Input Voltage	24VDC
Light Source	COB (Chip On Board)	Chip Current	8mA/chip
Chip QTY	608chips/M [185chips/ft.]	CCT & Wavelength	2700~6500K CCT-tunable
PCB Type	White FPC, OSP	SDCM	ANSI Norm, 4 step in 1 bin
Operating Ambient	Ta: -20~45°C [-4~113°F], Tstog: -20~60°C [-4~140°F]	CRI	Ra≥90
Warranty	5 years	Beam Angle	150°
Lifespan	50kh(L70@Tc≤65°C [149°F], Tc is temperature of chip pin)	Dimming Method	PWM (dimmable driver like RF, Bluetooth, 0/1-10V, Triac, DALI, DMX, WIFI etc.)
Certification	CE, CB, SAA, UL, RoHS		

Note:

1. *The luminous flux is based on length of 1M, it may be re-measure for other lengths.*
2. *Dimension and optical parameters such as luminous flux, CCT, CRI and SDCM of the waterproof product may vary compared with the IP20 version.*
3. *The transmittance of IP65/IP67 Plus for 2700K/3000K/4000K/5000K/6500K/red/green/blue are 95%, compared with the IP20.*
4. *Applying with extra heat sink is not necessary with self-cooling capacity.*
5. *It is available for forward or backward top bend, with a minimum bending radius of 20mm.*
6. *3M 300LSE yellow adhesive tape attached on the backside, is standard configuration.*
7. *200mmof brown (+)/yellow (ww-)/white (cw-) AWG22 UL1007 PVC cable, or corresponding waterproof connector kit, is standard configuration.*
8. *Transparent reel and silvery ESD bag, are standard configuration.*
9. *Installation and assembly accessories such as clips, screws, connectors, cables, etc, are optional according to the specific demand.*
10. *Power maintenance rate=actual measured power in a certain length/(a same certain length*actual measured power in 1M length); Brightness maintenance rate=actual measured brightness on the tail section in a certain length/actual measured brightness on the first section in a same certain length.*



IP20 LED Strip Connection



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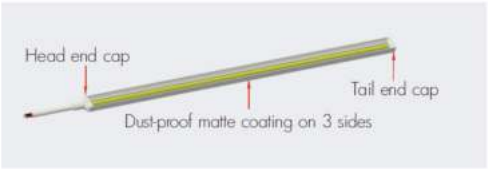
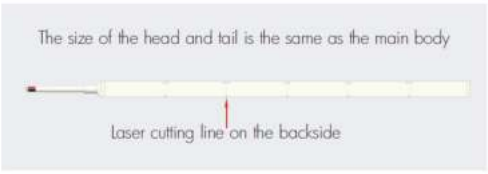
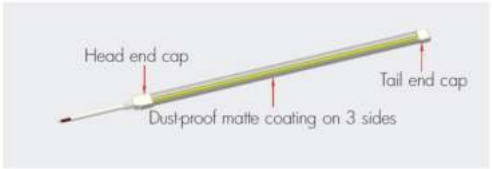
IP67 Rated Strip

Terminal is sealed by die-casting process

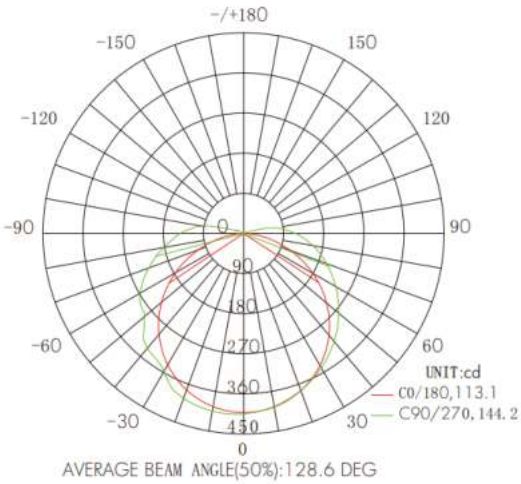


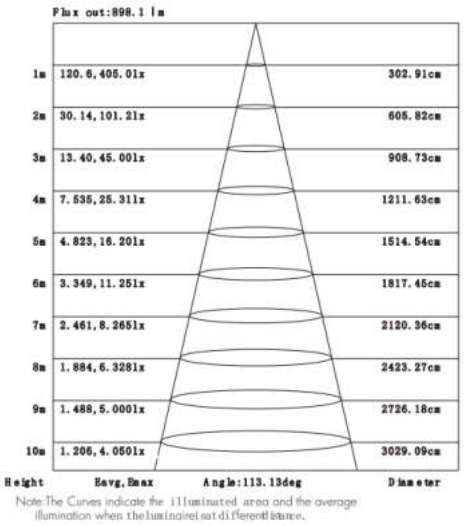


Terminal is sealed by gluing process with end cap



Light Distribution





2700+6500K, IP20(Dry)

Document Revision

Revision	Description	Date	Author	Approver
1.0	Initial release	04 September 2025	Jesse Jankelowitz	Michael Xu