

Essential Series COB LED Strip Light

24V - Continuous - IP65

tagra®

SKU: EC24-IP



24V

COB

8.0
Watts/m

50
(mm)
Cut Point

2YR
Warranty

Key Features

- Available in 2700K, 3000K, 4000K, 6500K
- 50mm Cut Points
- Continuous LED
- Up to 650 Lumens per metre
- IP65
- >90 CRI
- <5 SDCM
- Available in 5M & 50M reels
- 2 Year Warranty

Electrical Data

Voltage	Max. Current	Typ. Current	Current 5M	Max. Power	Typ. Wattage	Power 5M
24V	0.33A/m	0.3A/m	1.65A	8.0W/m	7.2W/m	36W

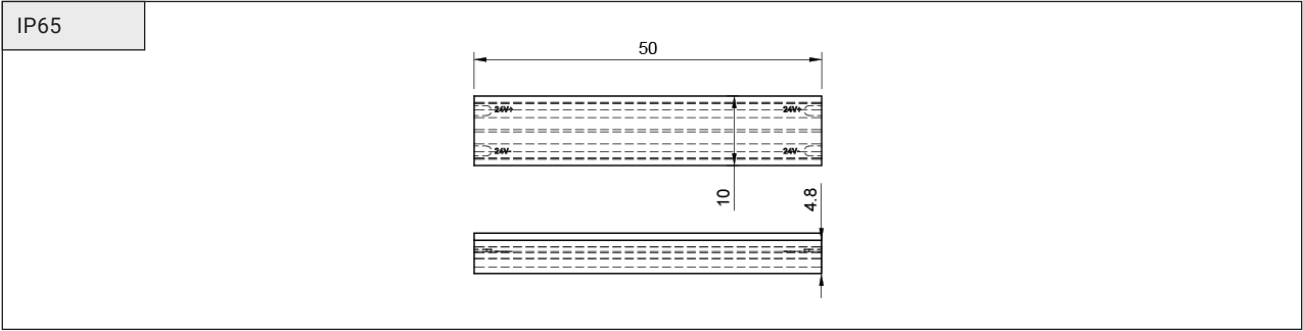
Photometric Data

Colour Temperature	CCT/Wavelength	Lumens/m	LED Chip	LEDs/m	LEDs/unit
Very Warm White	2700K	520lm	Chip on board	COB	-
Warm White	3000K	510lm	Cut Points	CRI	Beam Angle
Neutral White	4000K	600lm	50mm	>90	140°
Cool White	6500K	650lm	SDCM	Dimmable	IC Type
			<5	Yes	
			Pixels/m	Pixels/unit	PWM Rate

Mechanical Data

Min. Bend Diameter	Mounting	Cable Length	Cable End	Cable Type	Wire Colours
Ø 60mm	3M Adhesive	500mm	Tinned Ends	20AWG	RED V+ DC
IP Rating	PCB Weight	PCB Colour	Operating Temperature		
IP65	2oz	White	-5°C ~ +40°C		
Lifespan	Energy Rating	Warranty	Dimensions		
26,000 hrs	-	2 Years	(IP65) W10 x H4.8mm		

Dimensions



Available SKUs

SKU	CCT	IP Rating	Length
EC24-27K5M65	2700K	IP65	5M
EC24-3K5M65	3000K	IP65	5M
EC24-4K5M65	4000K	IP65	5M
EC24-65K5M65	6500K	IP65	5M
EC24-27K50M65	2700K	IP65	50M
EC24-3K50M65	3000K	IP65	50M
EC24-4K50M65	4000K	IP65	50M
EC24-65K50M65	6500K	IP65	50M

Recommended Profiles Non-Spotting

SKU	Lengths	Install Type	Colours	Diffusers
CHAN-1616	2M, 3M	Surface Mount, Corner	Silver, Black, White	Opal
CHAN-3030	2M, 3M	Surface Mount, Corner	Silver	Semi-Clear, Opal
5213	2M, 3M	Plaster-In	Silver	Semi-Clear, Opal
6114	2M, 3M	Plaster-In	Silver	Semi-Clear, Opal
9818	2M, 3M	Plaster-In	Silver	Semi-Clear, Opal
CHAN-20168	2M, 3M	Surface Mount	Silver	Opal
CHAN-23145	2M, 3M	Recessed	Silver	Semi-Clear, Opal, Black
CHAN-171145	2M, 3M	Surface Mount	Silver, Black, White	Semi-Clear, Opal, Black
CORPROIP65	2M, 3M	Surface Mount	Silver	Semi-Clear
3030CIRC	2M, 3M	Suspend	Silver	Opal
3535R3	2M, 3M	Surface Mount, Suspend	Silver, Black	Semi-Clear, Opal
CHAN-2320	2M, 3M	Recessed	Silver, Black, White	Opal, Smoked Black
CHAN-2321	2M, 3M	Plaster-In	Silver	Opal, Smoked Black
CHAN-2325	2M, 3M	Surface Mount, Suspend	Silver, Black, White	Opal, Smoked Black
2030SCD	2M, 3M	Surface Mount	Silver	Semi-Clear
2621SC	2M, 3M	Walkover	Silver	Semi-Clear
2016	2M, 3M	Surface Mount	Silver	Semi-Clear, Opal
4714SCD	2M	Plaster-In	Silver	Opal
2023SCD	2M, 3M	Surface Mount	Silver	Semi-Clear, Opal

Recommended Accessories/Products

Type	IP Rating	SKU	Colour/Material	Note
Endcap	IP65	COB8MMENDCAPS	Silicone	5 sets, Pack of 10
Mounting Clip	IP65	COBCLIP8MM	Plastic	Pack of 10, with screws
Cable	IP20	TC2C.5	Black, White	2 Core Cable
Cable	IP65	SILCBL-2C	Black, White	Silicone 2 Core Cable
Controller	IP20	USCZONESP-V2	White	RF Receiver
Controller	IP20	PSCONN-5IN1WIFIRCVR	White	App Control

Recommended Drivers

Type	IP Rating	SKU	Dimmable	Brand
LED Driver	IP20	TAGTRIAC24V50W-V2	Yes	Tagra
LED Driver	IP20	TAG24V60W	No	Tagra
LED Driver	IP67	TAGTHIN24V60WIP67	No	Tagra