

Essential Series COB LED Strip Light

24V - Continuous - IP20

tagra®

SKU: EC24



24V

COB

8.0
Watts/m

50
(mm)
Cut Point

3YR
Warranty

Key Features

- Available in 2700K, 3000K, 4000K, 6500K
- 50mm Cut Points
- Continuous LED
- Up to 720 Lumens per metre
- >90 CRI
- <5 SDCM
- Available in 5M & 50M reels
- 3 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
Very Warm White	2700K	605lm
Warm White	3000K	605lm
Neutral White	4000K	675lm
Cool White	6500K	720lm

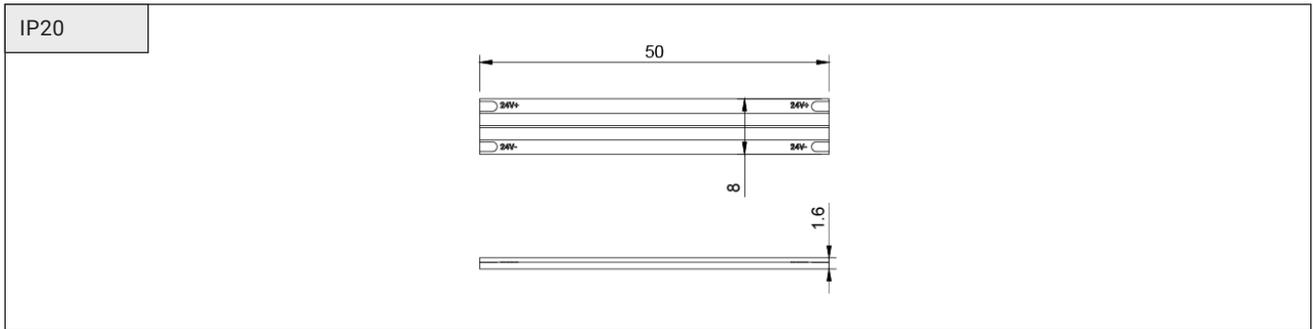
LED Chip	LEDs/m	LEDs/unit
Chip on board	COB	-
Cut Points	CRI	Beam Angle
50mm	>90	140°
SDCM	Dimmable	IC Type
<5	Yes	
Pixels/m	Pixels/unit	PWM Rate

Mechanical Data

Min. Bend Diameter	Mounting	Cable Length	Cable End	Cable Type
Ø 60mm	3M Adhesive	500mm	Tinned Ends	20AWG
IP Rating	PCB Weight	PCB Colour	Operating Temperature	
IP20	2oz	White	-5°C ~ +40°C	
Lifespan	Energy Rating	Warranty	Dimensions	
26,000 hrs	-	3 Years	(IP20) W8 x H1.6mm	

Wire Colours	
RED	V+ DC
BLACK	Ground GND

Dimensions



Available SKUs

SKU	CCT	IP Rating	Length
EC24-27K5M	2700K	IP20	5M
EC24-3K5M	3000K	IP20	5M
EC24-4K5M	4000K	IP20	5M
EC24-65K5M	6500K	IP20	5M
EC24-27K-50M-90	2700K	IP20	50M
EC24-3K-50M-90	3000K	IP20	50M
EC24-4K-50M-90	4000K	IP20	50M
EC24-65K-50M-90	6500K	IP20	50M

Recommended Profiles Non-Spotting

SKU	Lengths	Install Type	Colours	Diffusers
2193	2M, 3M	Recessed	Silver, Black, White	Semi-Clear, Transparent, Opal, Black
113113	2M, 3M	Surface Mount, Corner	Silver, Black, White	Semi-Clear, Transparent, Opal
CHAN-178	2M, 3M	Surface Mount	Silver, Black, White	Semi-Clear, Transparent, Opal, Black
188IP65	2M, 3M	Surface Mount	Silver	Semi-Clear
1207	2M, 3M	Surface Mount	Silver, Black, White	Semi-Clear, Transparent, Opal, Black
CHAN-1616	2M, 3M	Surface Mount, Corner	Silver, Black, White	Semi-Clear, Opal, Black
CHAN-3030	2M, 3M	Surface Mount, Corner	Silver	Semi-Clear, Opal
3311	2M	Tile-In	Silver	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	Semi-Clear, Opal
CHAN-23145	2M, 3M	Recessed	Silver	Semi-Clear, Transparent, Opal, Black
CHAN-171145	2M, 3M	Surface Mount	Silver, Black, White	Semi-Clear, Transparent, 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
360CIRIP65	2M, 3M	Surface Mount	Silver	Semi-Clear
CHAN-2320	2M, 3M	Recessed	Silver, Black, White	Transparent, Opal, Smoked Black
CHAN-2321	2M, 3M	Plaster-In	Silver	Transparent, Opal, Smoked Black
CHAN-2325	2M, 3M	Surface Mount, Suspend	Silver, Black, White	Transparent, 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
4822SCD	2M, 3M	Plaster-In	Silver	Semi-Clear
4425SCD	2M, 3M	Plaster-In	Silver	Semi-Clear
8570SCD	2M, 3M	Plaster-In	Silver	Semi-Clear
3613SC	2M, 3M	Plaster-In	Silver	Semi-Clear
1896SCD	2M, 3M	Plaster-In	Silver	Semi-Clear
6528BLK	2M	Stairs & Step	Black	Opal
ST002	2M	Stairs & Step	Silver	Opal

Recommended Accessories/Products

Type	IP Rating	SKU	Colour/Material	Note
Connector	IP20	CONSOL8MMTTV2	Plastic	Strip to Strip
Connector	IP20	CONSOL8MMTWV2	Plastic	Strip to Wire
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
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