

Essential Series SMD LED Strip Light

12V - 120 LEDs per metre - IP20

tagra®

SKU: ES12-120



12V

120
LEDs/m

9.6
Watts/m

25
(mm)
Cut Point

3YR
Warranty

Key Features

- Available in 2700K, 3000K, 4000K, 6000K
- 25mm Cut Points
- 120 LEDs per metre
- Up to 1040 Lumens per metre
- Available in 5M & 50M reels
- 3 Year Warranty

Electrical Data

Voltage	Max. Current	Typ. Current	Current 5M	Max. Power	Typ. Wattage	Power 5M
12V	0.8A/m	0.73A/m	2.79A	9.6W/m	8.8W/m	33.5W

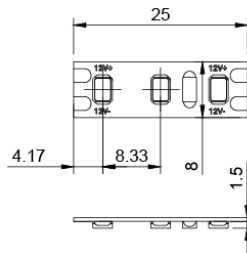
Photometric Data

Colour Temperature	CCT/Wavelength	Lumens/m	LED Chip	LEDs/m	LEDs/unit
Very Warm White	2700K	900lm	2835	120 LEDs	3 LEDs
Warm White	3000K	960lm	Cut Points	CRI	Beam Angle
Neutral White	4000K	1040lm	25mm	>80	120°
Cool White	6000K	1000lm	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	-	-	-	RED V+ DC
IP Rating	PCB Weight	PCB Colour	Operating Temperature		
IP20	2oz	White	-5°C ~ +40°C		
Lifespan	Energy Rating	Warranty	Dimensions		
26,000 hrs	F	3 Years	(IP20) W8 x H1.5mm		BLACK Ground GND

Dimensions



Available SKUs

SKU	CCT	IP Rating	Length
ES12-27K-120-50M-80	2700K	IP20	50M
ES12-3K-120-50M-80	3000K	IP20	50M
ES12-4K-120-50M-80	4000K	IP20	50M
ES12-6K-120-50M-80	6000K	IP20	50M
ES12-27K1205M	2700K	IP20	5M
ES12-3K1205M	3000K	IP20	5M
ES12-4K1205M	4000K	IP20	5M
ES12-6K1205M	6000K	IP20	5M

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
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
Connector	IP20	CB-8MM-2BRIDGE	Plastic	Strip to Strip
Connector	IP20	CB-8MM-2WIRE	Plastic	Strip to Wire
Connector	IP20	CB-8MM-2CRN	Plastic	Strip to Strip Corner
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	IP67	NPF-40-12	No	Mean Well
LED Driver	IP20	TAGTHIN12V45W	No	Tagra
LED Driver	IP20	TAGTRIAC12V50W	Yes	Tagra