

Toning Essential Series SMD LED Strip Light

12V - 60 LEDs per metre - IP20/IP65

tagra®

SKU: TE12-RGB-60



12V

60

LEDs/m

14.4

Watts/m

50

(mm)
Cut Point

3YR

Warranty

Key Features

- Available in RGB
- 50mm Cut Points
- 60 LEDs per metre
- Up to 540 Lumens per metre
- IP20/IP65
- Available in 5M & 50M reels
- 3 Year Warranty

Electrical Data

Voltage	Max. Current	Typ. Current	Current 5M	Max. Power	Typ. Wattage	Power 5M
12V	1.2A/m	1.2A/m	6.0A	14.4W/m	14.4W/m	72W

Photometric Data

Colour Temperature	CCT/Wavelength	Lumens/m	LED Chip	LEDs/m	LEDs/unit
Red	620-625nm	200lm	5050	60 LEDs	3 LEDs
Green	520-525nm	470lm	Cut Points	CRI	Beam Angle
Blue	465-470nm	90lm	50mm	-	120°
RGB	-	540lm	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	20AWG	BLACK V+ DC
IP Rating	PCB Weight	PCB Colour	Operating Temperature		
IP20/IP65	2oz	White	-5°C ~ +40°C		
RED					R-
GREEN					G-
BLUE					B-
Lifespan	Energy Rating	Warranty	Dimensions		
26,000 hrs	F	3 Years	(IP20) W10 x H2.1mm	(IP65) W12 x H4.8mm	

Dimensions

IP20	
IP65	

Available SKUs

SKU	CCT	IP Rating	Length
TE12-RGB605M	RGB	IP20	5M
TE12-RGB6050M	RGB	IP20	50M
TE12-RGB605M65	RGB	IP65	5M
TE12-RGB6050M65	RGB	IP65	50M

Recommended Profiles Non-Spotting

SKU	Lengths	Install Type	Colours	Diffusers
CHAN-3030	2M, 3M	Surface Mount, Corner	Silver	Opal
CHAN-23145	2M, 3M	Recessed	Silver	Opal
CHAN-171145	2M, 3M	Surface Mount	Silver, Black, White	Opal
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

Recommended Accessories/Products

Type	IP Rating	SKU	Colour/Material	Note
Connector	IP20	CONSOL-RGB-10MM-TT	Plastic	Strip to Strip
Connector	IP20	BB-CONSOL-RGB-10MM-TW	Plastic	Strip to Wire
Connector	IP20	CONSOL-RGB-10MM-CC	Plastic	Strip to Strip Corner
Connector	IP65	CB-IP12MM-4BRIDGE	Plastic	Strip to Strip
Connector	IP65	CB-IP12MM-4WIRE	Plastic	Strip to Wire
Cable	IP20	TC4C.5	Black, White	4 Core Cable
Controller	IP20	PSCONN-5IN1WIFIRCVR	White	RF Receiver
Remote	IP20	PSCONN-RGBWRF	Black	RF Remote

Recommended Drivers

Type	IP Rating	SKU	Dimmable	Brand
LED Driver	IP20	TAG12V100W-S	No	Tagra
LED Driver	IP20	TAGTRIAC12V100W	Yes	Tagra
LED Driver	IP67	TAG12V100WIP67	No	Tagra