

Professional 48V Long Run Series LED Strip Light

48V - 240 LEDs per metre - RGB+W - IP20/IP67

tagra[®]

SKU: LR48-15M



48V

240
LEDs/m

19.2
Watts/m

100
(mm)
Cut Point

7YR
Warranty

Key Features

- Available in RGB+3000K & RGB+6500K
- 100mm Cut Points
- 240 LEDs per metre
- Up to 1174 Lumens per metre
- >90 CRI
- <3 SDCM
- Available in 15M reels
- 7 Year Warranty

Electrical Data

Voltage	Max. Current	Typ. Current	Current 15M	Max. Power	Typ. Wattage	Power 15M
48V	0.43A/m	0.4A/m	6.0A	21.0W/m	19.2W/m	288.0W

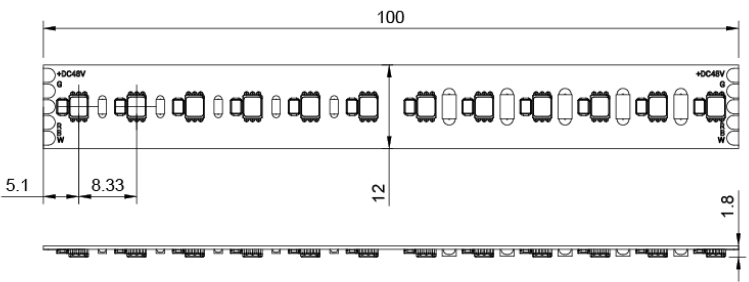
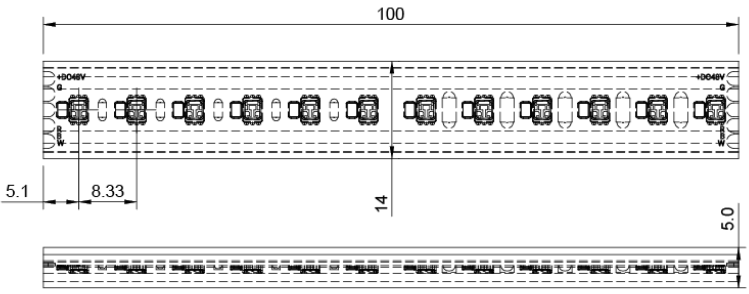
Photometric Data

Colour Temperature	CCT/Wavelength	Lumens/m	LED Chip	LEDs/m	LEDs/unit
RGB+Warm White	RGB+3000K	1164lm (IP20)	2835+2216	240 LEDS	24 LEDs
RGB+Cool White	RGB+6500K	1174lm (IP20)	Cut Points	CRI	Beam Angle
RGB+Warm White	RGB+3000K	1072lm (IP67)	100mm	>90	120°
RGB+Cool White	RGB+6500K	1090lm (IP67)	SDCM	Dimmable	IC Type
			<3	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	BLACK V+ DC
IP Rating	PCB Weight	PCB Colour	Operating Temperature		
IP20/IP67	3oz	White	-5°C ~ +40°C		
Lifespan	Energy Rating	Warranty	Dimensions		
50,000 hrs	-	7 Years	(IP20) W12 x H1.8mm	(IP67) W14 x H5.0mm	RED R-
					GREEN G-
					BLUE B-
					WHITE W-

Dimensions

IP20	
IP67	

Available SKUs

SKU	CCT	IP Rating	Length
LR48-RGB3K15M	RGB+3000K	IP20	15M
LR48-RGB65K15M	RGB+6500K	IP20	15M
LR48-RGB3K6715M	RGB+3000K	IP67	15M
LR48-RGB65K6715M	RGB+6500K	IP67	15M

Recommended Profiles Non-Spotting

SKU	Lengths	Install Type	Colours	Diffusers
CHAN-3030	2M, 3M	Surface Mount, Corner	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
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
2016	2M, 3M	Surface Mount	Silver	Semi-Clear, Opal
4714SCD	2M, 3M	Plaster-In	Silver	Opal
2023SCD	2M, 3M	Surface Mount	Silver	Semi-Clear, Opal
8570SCD	2M, 3M	Plaster-In	Silver	Opal

Recommended Accessories/Products

Type	IP Rating	SKU	Colour/Material	Note
Connector	IP20	CONSOL-RGBW-12MM-TT	Plastic	Strip to Strip
Connector	IP20	CONSOL-RGBW-12MM-TW	Plastic	Strip to Wire
Connector	IP20	CONSOL-RGBW-12MM-CC	Plastic	Corner
Connector	IP65	CB-IP14MM-5BRIDGE	Plastic	Strip to Strip
Connector	IP65	CB-IP14MM-5WIRE	Plastic	Strip to Wire
Cable	IP20	TC5C.5	Black, White	5 Core Cable
Controller	IP20	RGBW4CHDIM	Metal	Dimming Controller

Recommended Drivers

Type	IP Rating	SKU	Dimmable	Brand
LED Driver	IP67	HLG-480H-48-A	No	Mean Well
LED Driver	IP65	HLG-600H-48-A	No	Mean Well