SMD LED STRIP

LS-CLR-24V-5M-10MM

Feature

- Bright, colourful RGB lighting
- Smooth, even glow with no visible dots
- Flexible design for easy installation
- Indoor and outdoor options
- Long-lasting with 5-year warranty

Applications

- Architectural outlines, coves, ceilings
- Decorative lighting for bars, clubs, stages
- Retail displays, corridors, staircases
- Events and creative colour installations

Specification

Part No.	Dimension	Colour	Style	Voltage	Power	Brightness	CRI	Increment	Max Run	IP Rating	Beam Angle
LS-CLR-24V-5M-10MM-RGB	L5,000xW10xH2mm	RGB	-	24Vdc	20 W/M	820 lm/m	-	50 mm	5m	IP20	120°
LS-CLR-24V-5M-10MM-RGB-IP65	L5,000xW12xH4mm	RGB	-	24Vdc	20 W/M	779 lm/m	-	50 mm	5m	IP65	120°

Parameter

GENERAL PARAMETERS		PHOTOELECTRIC PARAMETERS	
Standard Length	5M [16.4ft.] (power fed on one side)	Power±10%	20W/M [6.1W/ft.]
Min. Unit & LED QTY	50mm [1.97in.] & 6 LEDs	Input Voltage	24VDC
LED Type	SMD5050 RGB	LED Current	R:14mA, G:14mA, B:14mA
LED QTY	120LED/M [36LED/ft.]	LED CCT & Wavelength	R:625~630nm, G:520~525nm, B:460~470nm
PCB Type	3oz white FPC, OSP	SDCM	\
Operating Ambient	Ta(working): -20~45℃ & Tstg(storage): -20~60℃	CRI	\
Warranty	5 years	Beam Angle	120°
Lifespan	\	Dimming Method	PWM (compatible with dimmable power supply / driver in RF, BL, 0-10V, TRIAC, DALI, DMX, WIFI etc.)
Certification	CE, UL, RoHS		

Note 1: Luminous flux for CCT 2700K is 10% lower, for CCT 3000K/3500K is 5% lower, for CCT 5000K/6500K is the same, compared with 4000K.
Note 2: Transmittance for IP54/IP67/IP68, 2700K/3000K is 95%, 3500K/4000K is 90%, 5000K/6500K is 80%; for IP65/IP54 Plus/IP67 Plus is 95%.
Note 3: Applying with extra heat sink for cooling is mandatory for full power running and is proposed for non-full power running.
Note 4: 3M 300LSE yellow adhesive tape attached on backside.
Note 5: One end of 200mm black/green/red/blue/white PVC cable or waterproof connector kit according to specific IP rating.
Note 6: Transparent reel and silvery ESD bag.
Note 7: Installation accessories such as clip, screw, plug etc. are all optional base on specific demand.

Document Revision

Revision	Description	Date	Author	Approver
1.0	Initial release	22 August 2025	Jesse Jankelowitz	Michael Xu