



LIGHT STRIP

LS-HEC-24V-5M-10MM-30K

Feature

- Utilizes top-quality materials: Epistar/San'an chips, Intermatix phosphor powder, ShinEtsu & Dow Corning glue, Heraeus 99.99% pure golden wire, and pure copper.
- High-Efficacy Series with 7 LEDs per section for greater brightness at the same power usage.
- 140 lm/W luminous efficacy – highly energy-efficient.
- Designed to replace non-ERP or low-efficiency ERP versions without changing power or LED density.
- Standard configurations include durable plastic stands and premium construction.

Applications

- Ideal for indirect lighting in:
 - Showcases, shelves, cabinets
 - Billboards, signage
 - Hotels, gardens, bridges
 - Corridors, ceilings, stairs
 - Coves, theatres, lift interiors



Specification

Part No.	Dimension	Colour	Style	Voltage	Power	Brightness	CRI	Increment	Max Run	IP Rating	Beam Angle
LS-HEC-24V-5M-10MM-30K	5000*10*1mm	CCT	SMD	24Vdc	9.6W/M	1340lm/m	Ra≥90	50 mm	5m	IP20	120°
LS-HEC-24V-5M-10MM-30K IP54	5000*10*1.5mm	CCT	SMD	24Vdc	9.6W/M	1206lm/m	Ra≥90	50 mm	5m	IP54	120°
LS-HEC-24V-5M-10MM-30K IP65	5000*12*4mm	CCT	SMD	24Vdc	9.6W/M	1273lm/m	Ra≥90	50 mm	5m	IP65	120°
LS-HEC-24V-5M-10MM-30K IP67	5000*12*4mm	CCT	SMD	24Vdc	9.6W/M	1206lm/m	Ra≥90	50 mm	5m	IP67	120°
LS-HEC-24V-5M-10MM-30K IP68	5000*12*4mm	CCT	SMD	24Vdc	9.6W/M	1206lm/m	Ra≥90	50 mm	5m	IP68	120°

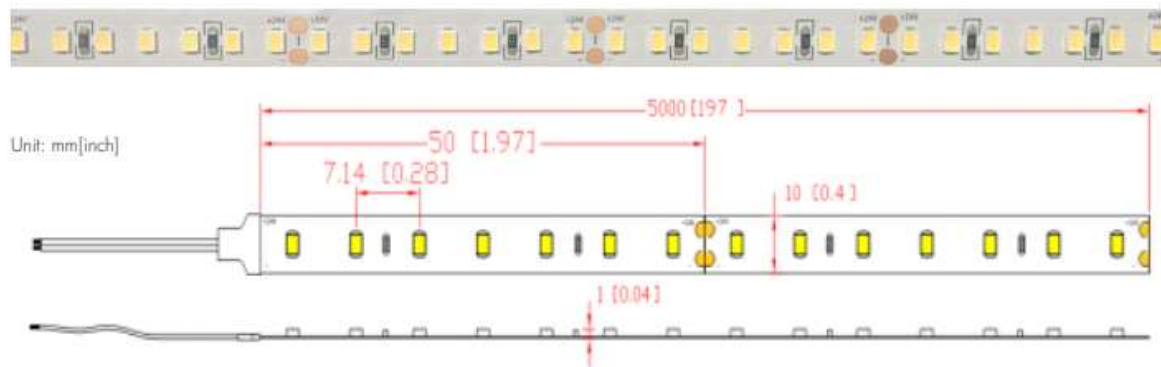


Parameter

General Parameters		Photoelectric Parameters	
Standard Length	5M [16.4ft] (power fed on one side)	Power±10%	9.6W/M [2.93W/ft.]
Min. Unit & LED QTY	50mm [1.97in.] & 7 LEDs	Input Voltage	24VDC
LED Type	SMD2835 white LED	LED Current	20mA/LED
LED QTY	140LED/M [43LED/ft.]	LED CCT & Wavelength	2700K&3000K&3500K&4000K&5000K&6500K
PCB Type	2oz white FPC, OSP	SDCM	ErP & ANSI Norm, 3 step
Operating Ambient	Ta(working):-20~45°C[-4~113°F] & Tstg(storage):-20~60°C[-4~140°F]	CRI	Ra≥80 & 90
Warranty	5 years	Beam Angle	120°
Lifespan	L70≥50,000@Tc≤65°C [149°F] (Tc is temperature of LED pin)	Dimming Method	PWM (dimnable driver like RF, Bluetooth, 0/1-10V, Triac, DALI, DMX, WIFI etc.)
Certification	CE, UL, CB, SAA, RoHS, LM80		

Note:

Dimensions Diagram



Document Revision

Revision	Description	Date	Author	Approver
1.0	Initial release	10 September 2025	Jesse Jankelowitz	Michael Xu