

Ultra High CRI 24V LED Strip for Home & Residential

Waveform Lighting's ultra high CRI LED strips brings together light that truly replicates incandescent and halogen lighting in a versatile and modern LED strip form factor.

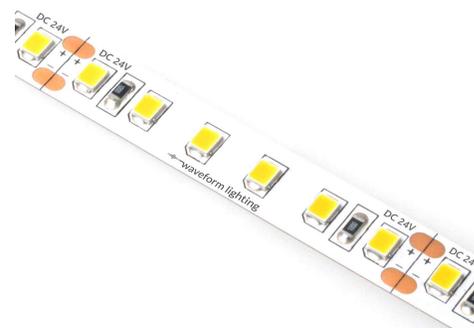
Available in 2700K or 3000K with the industry's highest color rendering, objects will appear warm yet vivid, all the while consuming just a fraction of the energy.

The back side of the LED strip includes pre-applied 3M VHB® double-sided tape, which provides a simple but extremely strong adhesive mounting method for all of your projects.

The LED strips are 16.4 feet (5.0 meters) in length, and are conveniently reeled for quick and easy application, and can be cut to length every 2 inches (50 mm) with just a pair of scissors.

FEATURES

- Available in both 2700K (incandescent) or 3000K (halogen)
- 95+ CRI and R9 > 90
- 450 lumens per foot (1500 lumens per meter)
- 4 oz copper circuitry for reduced voltage drop
- For indoor use only
- UL listed (E508810)



PHOTOMETRIC SPECIFICATIONS

Light output per ft:	450 lumens	CRI Ra:	95+
2700K CCT:	2700K ± 50K	CRI R9:	90+
3000K CCT:	3000K ± 50K	CRI R13:	80+
2700K Duv:	0.0000 ± 0.0008	TM-30-15 R <sub>f</sub> / R <sub>g</sub> :	90+/100
3000K Duv:	0.0000 ± 0.0008		
2700K CIE xy:	(0.4598, 0.4106)		
3000K CIE xy:	(0.4371, 0.4040)		

Download full photometric reports at <https://www.waveformlighting.com/photometrics>

ELECTRICAL SPECIFICATIONS

Input type:	Constant Voltage
Input voltage:	24V DC
Current draw per ft:	225 mA @ 24V DC
Current draw per reel:	3.8 A @ 24V DC
Power draw per ft:	5.5 W @ 24V DC
Power draw per reel:	90 W @ 24V DC
Max run:	32.8 ft (10 meters)

MECHANICAL SPECIFICATIONS

Length:	16.43 ft (5008 mm)
Width:	0.394 in (10 mm)
Height:	0.067 in (1.7 mm)
LED spacing (OC):	0.327 in (8.3 mm)
Cut-line spacing:	1.968 in (50 mm)
PCB copper thickness:	4 oz
Wire leads (both ends):	16 AWG, 13.78 in (350 mm)

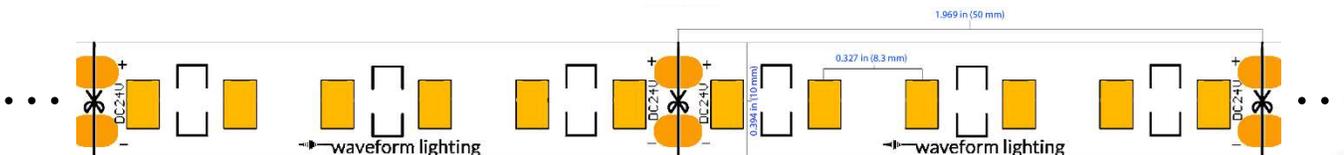
POWER SUPPLY SELECTION

Compatible with Waveform Lighting PN 3092 or third-party 24V DC constant voltage power supply.

If you choose to utilize a third-party power supply unit, you will need to ensure that the power capacity of the power supply is sufficient for the length of LED strip being connected. Use the table below to determine if the power supply is sufficient for your project.

Length	Minimum Power Supply Capacity	Length	Minimum Power Supply Capacity
1 ft:	300 mA / 7 W	0.5 m:	450 mA / 11 W
3 ft:	900 mA / 22 W	1.0 m:	900 mA / 22 W
6 ft:	1.8 A / 43 W	2.0 m:	1.8 A / 43 W
9 ft:	2.7 A / 65 W	3.0 m:	2.7 A / 65 W
12 ft:	3.6 A / 86 W	4.0 m:	3.6 A / 86 W
16.4 ft:	4.5 A / 108 W	5.0 m:	4.5 A / 108 W

MECHANICAL DRAWING & DIMENSIONS



(This drawing is an excerpt that shows just two complete, cuttable sections. Each reel consists of 100 of these sections).

PART NUMBERS AND ORDERING

2700K:	3004.27
3000K:	3004.30