

LED Flexible Strip

Ordering Information

MODEL	COLOR	LENGTH	IP	VOLTAGE	
ULHE-9519S	27K	2700K	65.6	65.6' Reel	20 IP20 24 24 Volt DC
	30K	3000K	CU	Custom Length	
	35K	3500K			
	40K	4000K			
	50K	5000K			
	65K	6500K			

Accessories

- FS-ULHE-9519S-WL Wire lead connector for static white strip
- FS-ULHE-9519S-JC Jumper cable connector static white strip
- FS-ULHE-9519S-SSC Strip to strip connector for static white strip



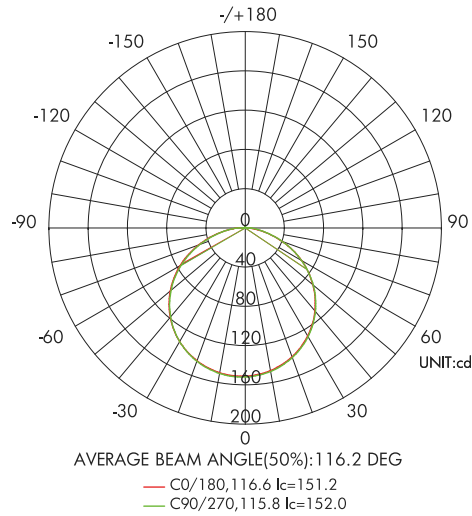
Recommended Power Supplies

Dimmable with 0-10v, ELV, MLV, TRIAC



Item Number	Description	Max/Min Load	Input Voltage	Output Voltage	Dimmable	Dimensions
PS-TSLC-UNV-24V-30WDHV2	30W	30W / 3W	100-277V AC	24V DC	Yes*	6.49"L x 3.6"W x 1.02"H
PS-TSLC-UNV-24V-60WDHV2	60W	60W / 6W	100-277V AC	24V DC	Yes*	7.4"L x 3.6"W x 1.02"H
PS-TSLC-UNV-24V-96WDHV2	96W	96W / 9.6W	100-277V AC	24V DC	Yes*	8.66"L x 3.6"W x 1.61"H
PS-TSLC-UNV-24V-288WDHV2	288W (3 x 96W)	288W / 28.8W	100-277V AC	24V DC	Yes*	11.85"L x 4.25"W x 1.8"H

Light Distribution Diagram



Specification

Part No.	Dimension (L*W*H)	IP Rating	Lumen Flux±10% @CRI90&4000K	Light Eff. @CRI90&4000K	Lumen Flux±10% @CRI95&4000K	Light Eff. @CRI95&4000K
ULHE-9519S-IP20	20000*8*1.75mm [787*0.31*0.07in.]	IP20 [dry]	490lm/M [150lm/ft.]	163lm/W	\	\
ULHE-9519S-IP54	20000*8*4.5mm [787*0.31*0.18in.]	IP54 Plus [damp]	490*95%lm/M [150*95%lm/ft.]	163*95%lm/W	\	\
ULHE-9519S-IP67	20000*10*4.1mm [787*0.39*0.16in.]	IP67 Plus [wet] Dual-color jacket	490*90%lm/M [150*90%lm/ft.]	163*90%lm/W	\	\

Notice: (1) The lumen flux value above is base on 1M[3.28ft.] length, it need to be measured and considered separately for other longer lengths.

(2) Energy efficiency class of regulation (EU) 2019/2020 is D[CRI90] for 4000K in IP20, it varies depending on CRI, CCT and IP rating.

General Parameters		Photoelectric Parameters	
Standard Length	20M[65.62ft.] [power fed on one side]	Power±10%	3W/M [0.91W/ft.]
Min. Unit & LED QTY	100mm [3.94in.] & 8 LEDs	Input Voltage	24VDC
LED Type	SMD2835 white	LED Current	12.5mA/LED
LED QTY	80LED/M [24LED/ft.]	LED CCT & Wavelength	2700K&3000K&3500K&4000K&5000K&6500K
PCB Type	4oz white FPC, OSP	SDCM	ANSI Norm, 3 step 1 bin
Operating Ambient	Ta(working):-20~55°C[-4~131°F] & Tstg(storage):-20~60°C[-4~140°F]	CRI	Ra>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 (dimmable driver like RF, Bluetooth, 0/1-10V, Triac, DALI, DMX, WIFI etc.)
Certification	CE, UL, CB, RoHS, LM80		

Note: 1: Luminous flux for CCT 2700K is 10% lower, for CCT 3000K/3500K/6500K is 5% lower, for CCT 5000K is 3% lower, compared with 4000K.

2: Transmittance for IP54 Plus is 95%, IP67 Plus is 90%.

3: Dimension, CCT and lumen flux etc. of waterproof type will be different, compared with IP20 type.

4: Applying with extra heat sink is not necessary with self-cooling capacity.

5: 3M 300LSE yellow adhesive tape attached on backside, is standard configuration of Prime Series.

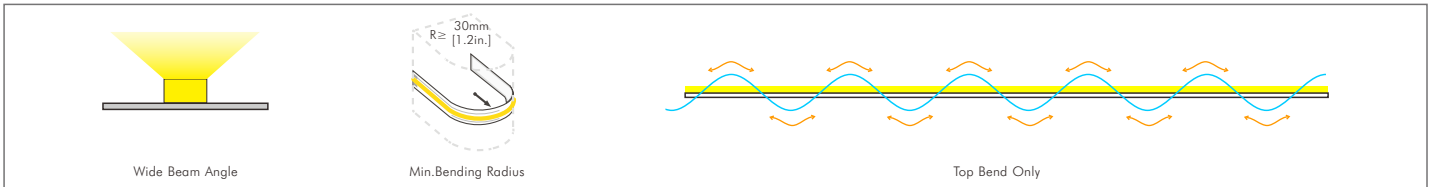
6: One end of 200mm[7.87in.] AWG18 red/black silicone cable or waterproof connector kit according to specific IP rating, is standard configuration of Prime Series.

7: Paper reel and white paper ESD bag, are standard configuration of Prime Series.

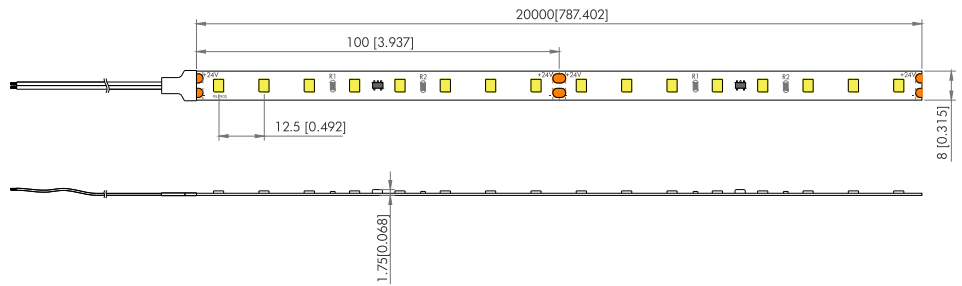
8: Installation accessories such as clip, screw, plug etc. are all optional base on specific demand.

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Diagram & Dimension

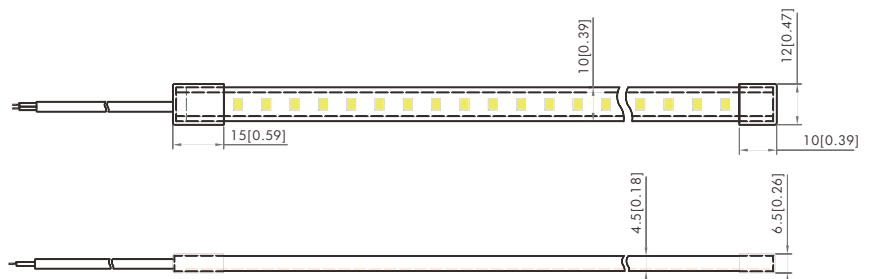


Unit: mm[in.]



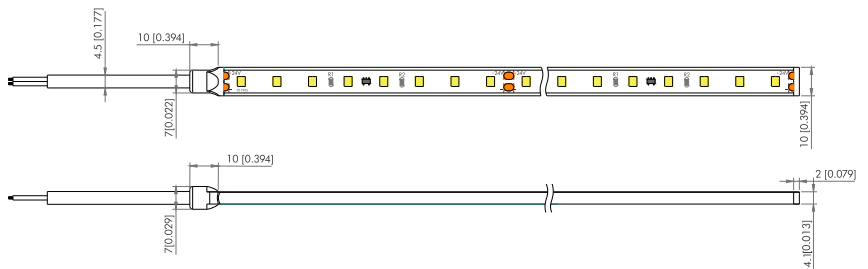
IP20 (Dry)

Unit: mm[in.]



IP54 Plus (Damp)

Unit: mm[in.]



IP67 Plus (Wet)