SPECIFICATION SHEET

MegaLume

Description :

High Power SMD LED Strip Light

Engineered for maximum performance, this LED strip delivers an impressive light output of up to 5,000 lumens per meter, making it ideal for high-brightness applications. Built with advanced SMD technology, it ensures efficient illumination, consistent color, and long-lasting reliability. With a cutting distance of just 18 mm and a slim 10 mm PCB width, the strip offers exceptional flexibility for precise installations even in compact or custom layouts. Whether for architectural, commercial, or specialty lighting projects, this high-power LED strip combines strength, efficiency, and adaptability.

Model:	
Optical:	
CCT:	2700K / 3000K / 4000K / 6000K
Lumen Efficacy:	169lm/w @4000K
Lumen:	5070 lm/m
LED Type:	SMD 2835 224 LED/M
CRI:	≥90
Electrical:	
Rated Power:	30W/M
Input voltage:	DC24V
Beam Angle:	120°
Life:	
Lifespan:	50,000 Hours
Warranty:	2 Years
General:	
Dimmable Solution:	5%-100% dimming capability
Available IP:	IP20 / IP65
Operating temperature:	-25°C~45°C
Certification:	cULus

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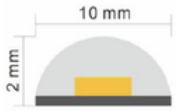
Optical/ Electrical :

Model	CCT K	CRI Ra	Beam Angle (°)	Lumen LM / M	Efficacy LM / W	Voltage VDC	Current MA / M	Power W / M
STRL3024282027SW/5	2700	>90	120	4710	157	24	1250	30
STRL302428203SW/5	3000	>90	120	4830	161	24	1250	30
STRL302428204SW/5	4000	>90	120	5070	169	24	1250	30
STRL302428206SW/5	6000	>90	120	4980	166	24	1250	30

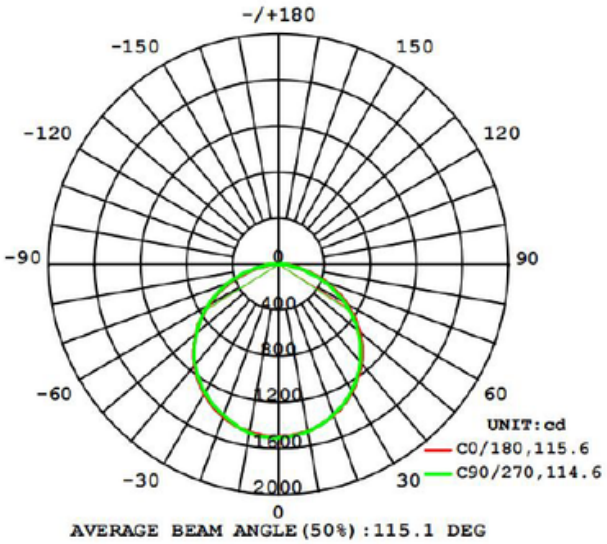
IP Option :

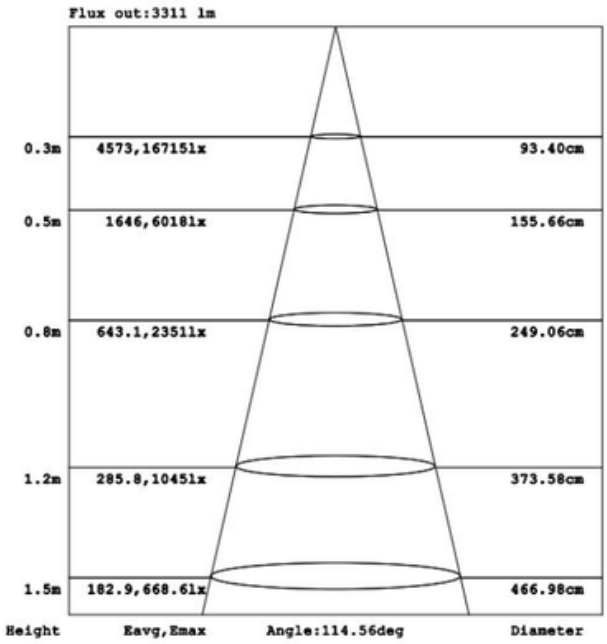
Silicon Glue



IP65

Optical/Lux graph :





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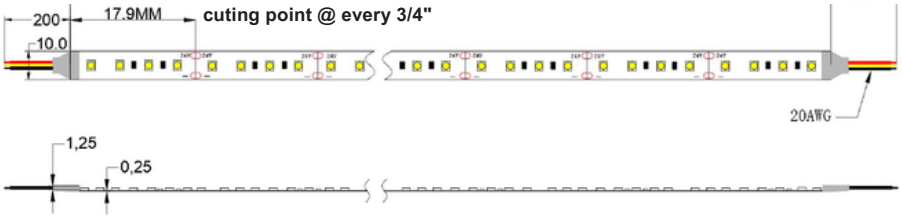
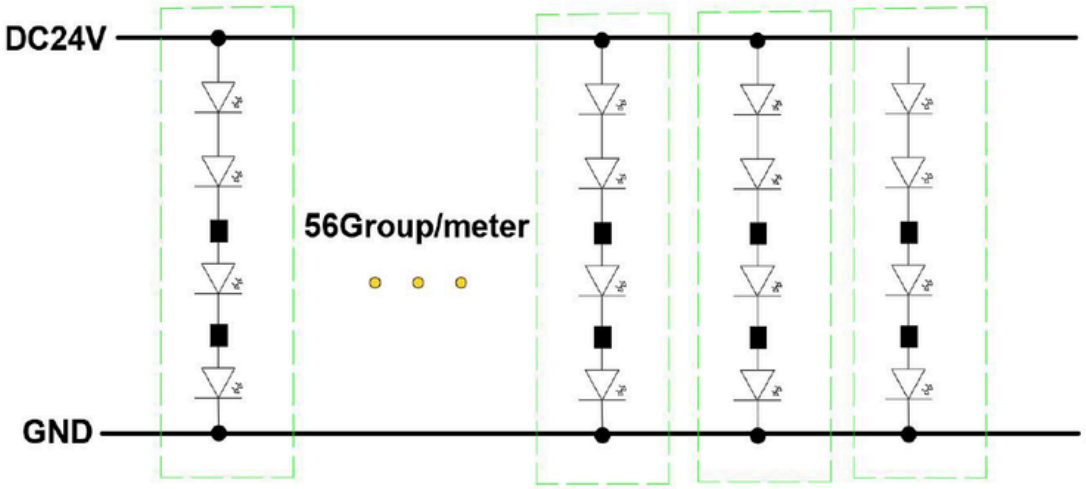
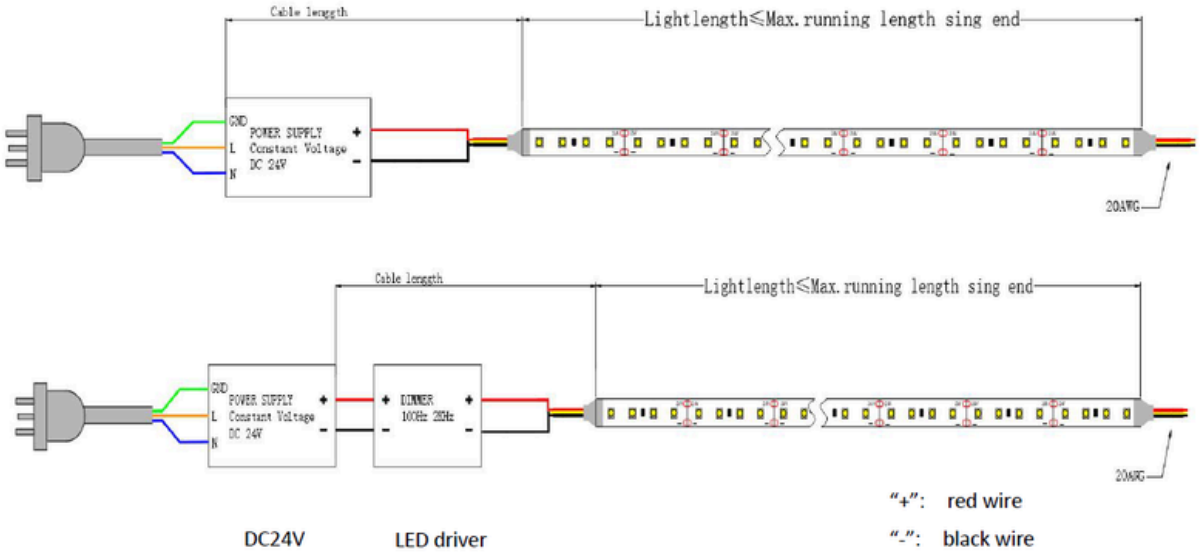
Dimension :



Electric principle :



Schematic :



(PS : Strip positive connect to the driver positive,
Strip negative connect to driver negative)