



LED STRIP SPECIFICATION

2835SMD 168LEDs SWITCH ON/OFF TUNABLE WHITE LED STRIP



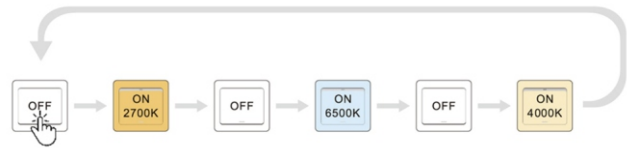
Part Number: MON168-S2835STW2765-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68



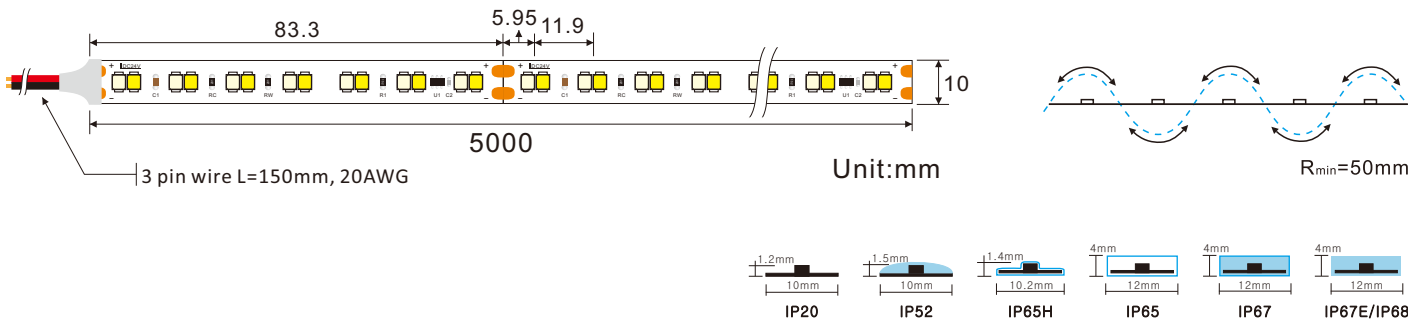
Description

This switch ON/OFF Tunable White LED Strip has the below features:

- 1.Adjust by wall switch ON / OFF
- 2.Not need the controller and receivers, easy to operate.
- 3.Three color temperatures change with your mood
- 4.When closed for more than 6 seconds, the color temperature returns to the initial warm white 2700K



Dimensions & Waterproof



Product Specification

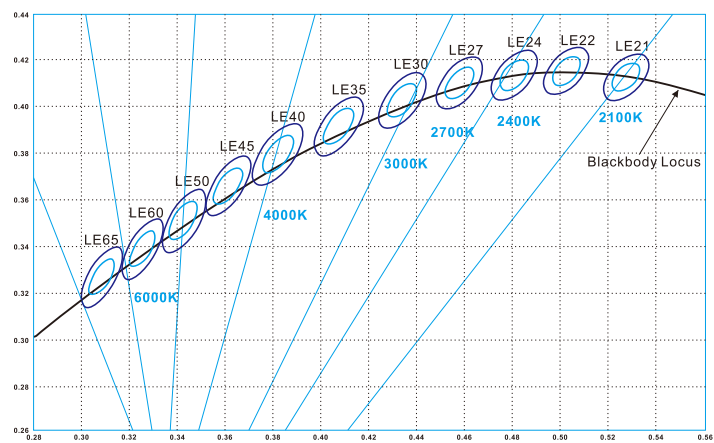
Dimension	5000x10x1.2mm
Chip Type	2835SMD
Chip Density	168LEDs/m
Step LEDs	14LEDs
Step Length	83.3mm

Voltage(V)	DC24V
Current(A/m)	0.79A
Power(W/m)	19W(2 colors 100% on)
Beam Angle	120°
Operation Temperature	-20°C~50°C

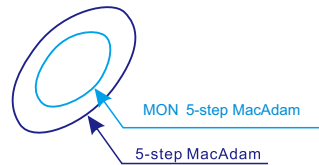
Product Photometrics (Data base on IP20 CRI>90)

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9	TM-30-15	
						R _f (Fidelity)	R _g (Gamut)
2700 only	988.13	11	89.83	91.4	57	92	98
6500 only	1041.04	11	94.64	92.1	97	88	96
2700+6500 both	1999.75	19	105.25	95.1	95	91	99


Bining



Graphic Description:



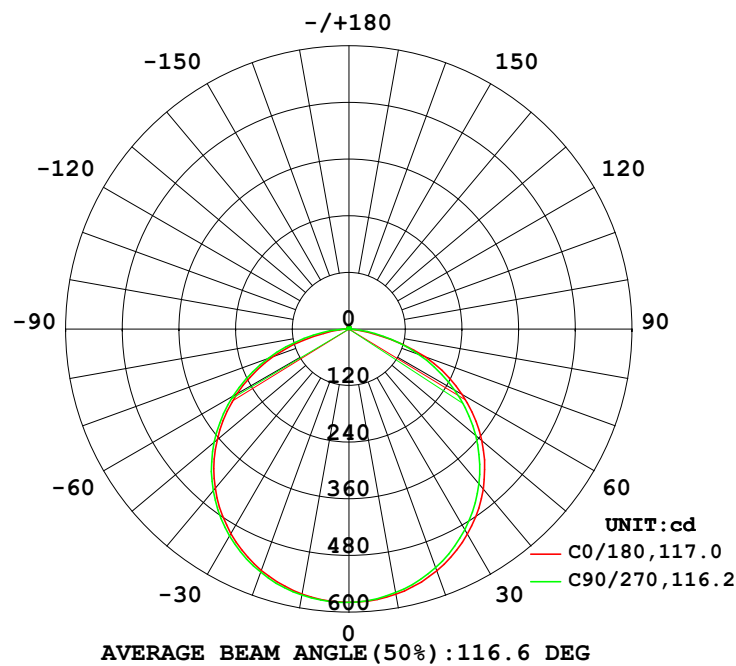
For all your order

 **ONE BIN ONLY**

Today and tomorrow

- IP20: bare, max. light output and the best color consistency, indoor use.
- IP52: Silicone coating, ~5% less output and 3rd best color consistency, indoor use, for damp environments.
- IP65: Silicon tube / Heat shrink tube / Extrusion tube / U milky tube + clear cover, ~3% less output and 2nd best color consistency, Indoor use or semi-outdoor use, for raining environments.
- IP67: Silicone tube + silicon filling , ~7% less output and 4th best color consistency, outdoor use, max length is 10 meters.
- IP67E: Solid silicone extrusion, ~7% less output and 4th best color consistency, outdoor use, max length up to 50 meters.
- IP68: PU(Polyurethane),~7% less output and 4th best color consistency, under the water, within 2 meters deep.

Light Distribution Curve[Data base on 1m IP20 2700K+6500K CRI>90]

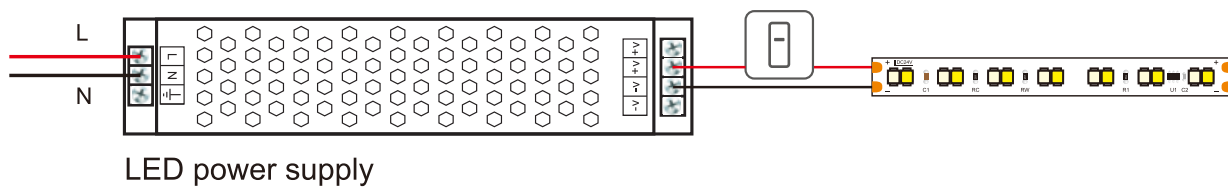
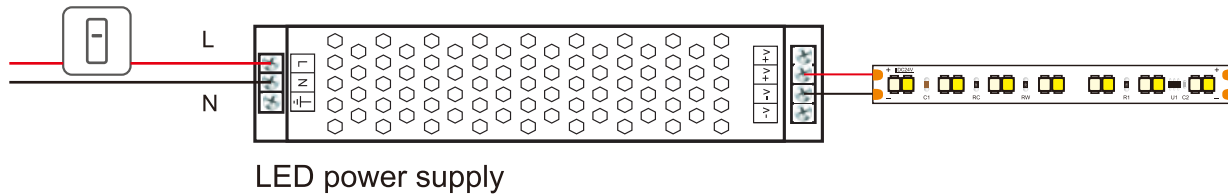


Flux out:1347 lm

Height	Eavg,Emax	Angle:116.16deg	Diameter
1m	143.0,580.2lx		321.09cm
2m	35.74,145.1lx		642.19cm
3m	15.88,64.47lx		963.28cm
4m	8.935,36.26lx		1284.37cm
5m	5.719,23.21lx		1605.47cm
6m	3.971,16.12lx		1926.56cm
7m	2.918,11.84lx		2247.65cm
8m	2.234,9.06lx		2568.75cm
9m	1.765,7.16lx		2889.84cm
10m	1.430,5.80lx		3210.93cm

Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Connection Diagram



Note: The wall switch must be between the LED power supply input wire and the high voltage AC main wire.

Packing Information(Data base on IP20)

