SurMountor

SPECIFICATION

SUR-2835FW64-24V

CE   RoHS   ISO 9001 SGS

SurMountor

Features:

• Available in 24V DC maximum.

• High Light Efficiency: 155LM/W.

• Very bright & low power consumption.

• Operating temperature: -20~50°C.

• Long life span LED lights, more than 50,000 hours+.

• Adhesive back, peel & stick!

• Dimmable by controller or sensor switch.

• IP Rate: IP20/IP65/IP67/IP68

IP20 Non-Waterproof	IP65 Silicone Resin	IP65 Silicone Extrusion	IP67 Silicone Tube	IP67 Silicone Extrusion	IP68 Silicone Resin

IP Rated

IP Rated	Picture	Description	Size	Optional CCT/color for finished product	Lumen output rate
IP20		Non-waterproof	8mm*1.5mm	2700K/3000K/4000K/ 6500K/customized	100%
IP65		Silicone Resin	8mm*2mm	2700K/3000K/4000K/ 6500K/customized	98%
IP65		Silicone Extrusion	8mm*4mm	2700K/3000K/4000K/ 6500K/customized	90%
IP67		Silicone Tube	10mm*4mm	2700K/3000K/4000K/ 6500K/customized	88%
IP67		Silicone Extrusion	10mm*5mm	2700K/3000K/4000K/ 6500K/customized	86%
IP68		Silicone Resin	10mm*4mm	2700K/3000K/4000K/ 6500K/customized	86%

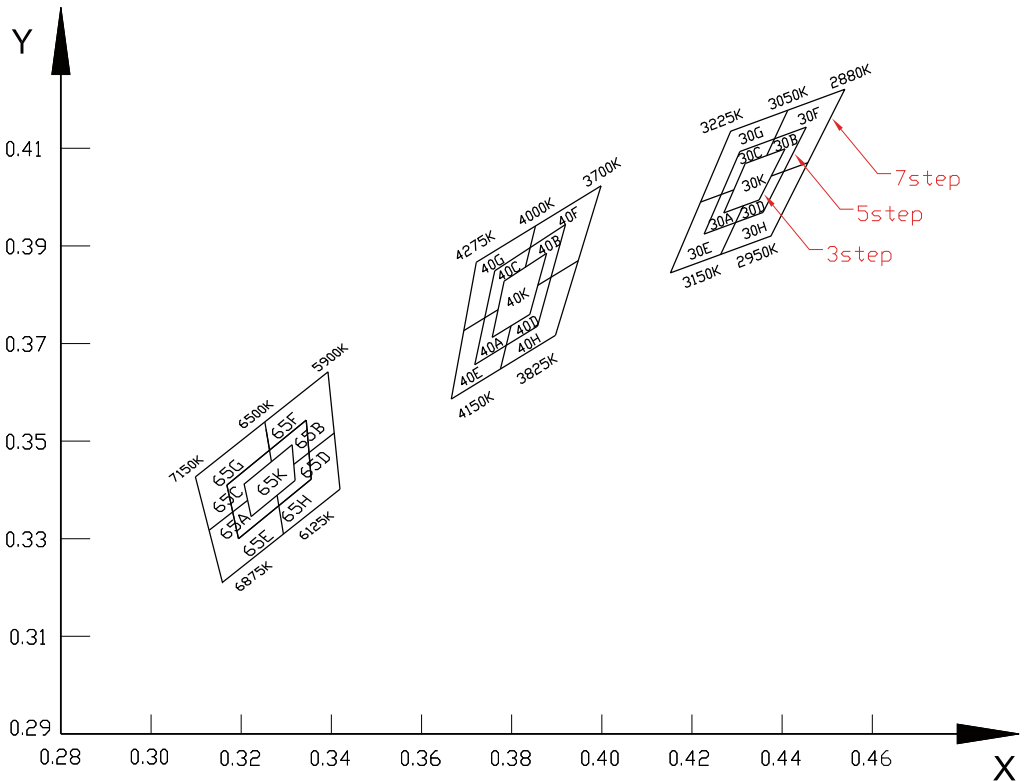## Assembly drawing

Top View

125 mm

8MM

5m

Section

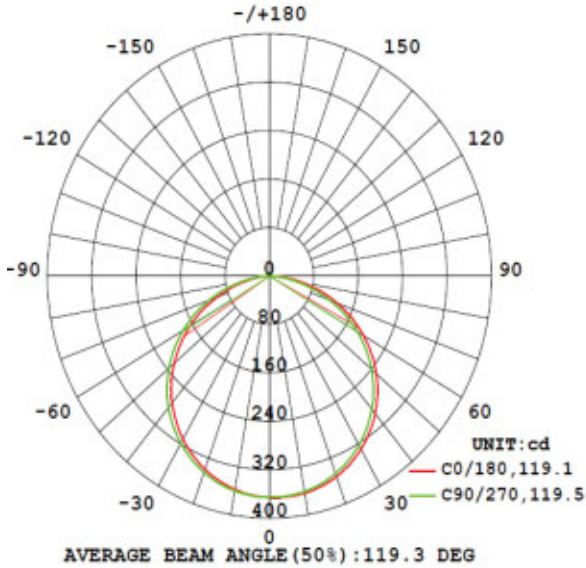2.5mm
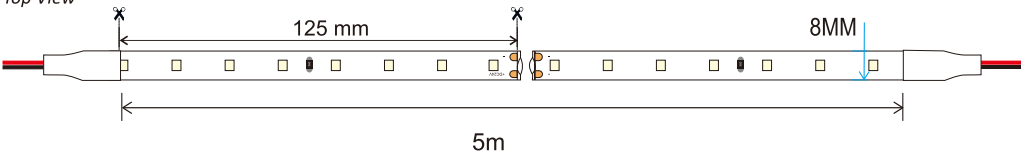
Electronic & output data

CRI: 80
Input voltage: DC24V
Typical Power: 7.6 W(1m) /38W(5m)
Copper foil：3oz
On-off times：10000（test times）

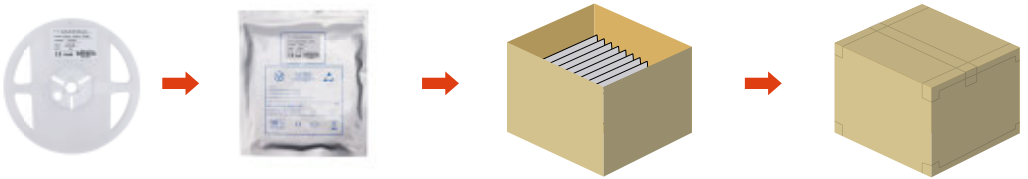| CRI	Color	CCT	Lumen(lm)	lm/W	Energy efficiency class
Ra>80	WW	2700K	1100	145	D
Ra>80	WW	3000K	1140	150	D
Ra>80	NW	4000K	1180	155	D
Ra>80	CW	6500K	1180	155	D

The Chromaticity Diagram

Photometric of 1M strip

※ **Warranty is based on indoor use**
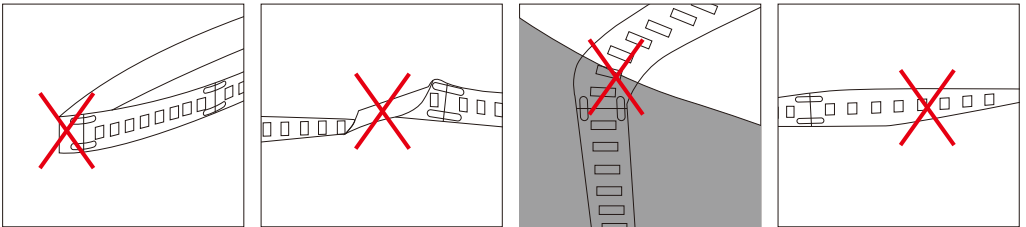
General customized package

IP Process	Product size (mm)	Quantity / CTN (m)	Carton Size (cm)	Weight (kg)
IP20	5000*8*1.5	250	51*27*39	12
IP65	5000*8*4	150	51*27*39	14
IP67	5000*10*5	150	51*27*39	18
IP68	5000*10*4	150	51*27*39	20

⚠ **Cautions:**

When install the led strip, please note the installation technique. The led strip can be bent, but not distorted, as shown below:

R>=50MM
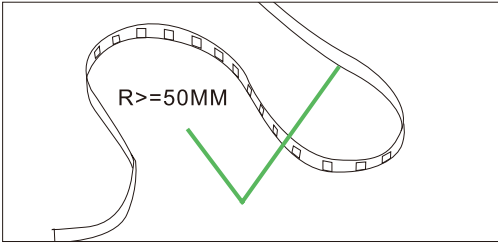
Bend (Right)

Distortion(Wrong)

※ Please drive the led strip with 24VDC isolated power, and the ripple of the constant voltage source should be less than 5%.

※ Please do not bend the strip into an arc with a diameter less than 60mm to ensure the longevity and reliability.

※ Do not fold it in case any damage of LED beads.

※ Do not pull the power wire hard to ensure the longevity. Any Crash may damage the LED light is prohibited.

※ Please make sure the wire is connected to the anode and cathode correctly. The power output should be consistent with the voltage of the strip to avoid damage.

※ LED lights should be stored in dry, sealed environment. Please only unpack it before usage. Ambient temperature: -25°C~40°C.Storage temperature: 0°C~60°C.Please use the strips without waterproof within indoor environment with humidity less than 70%.

※ Please be careful during operation. Do not touch the AC power supply in case of electric shock.

※ Please leave at least 20% power for the power supply during using to ensure there is enough power supply to drive the product.

※ Do not use any acid or alkaline adhesives to fix the product (e.g.: glass cement).