

Specification

Prepared	Checked	Approved	Accepted	Confirmed	Approved

2835
SMD

Lens
Bare

DC
24V

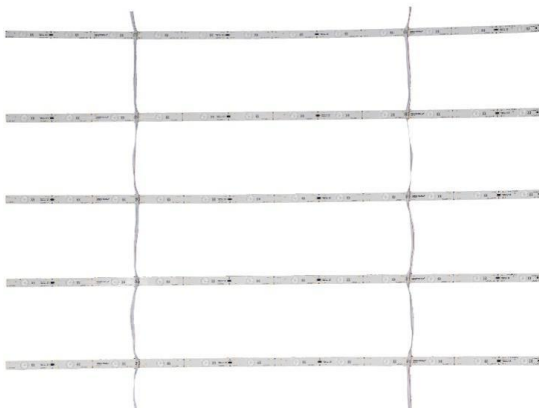
IP
20

3
Year

Model: ○ E06674/E06675

16pcs 2835SMD LEDs, 960*17mm, equipped with lens, bare board series, single-sided lighting, 24V constant voltage, shutter structure, LED rigid bar.

16pcs 2835SMD LEDs, 960*17mm, equipped with lens, bare board series, single-sided lighting, 24V constant voltage, SM connector, LED rigid bar.

Picture:


- 2835 SMD LED with high efficiency, low attenuation and long life;
- Light and simple rigid-bar design with stable quality;
- Secondary optical distribution, uniform light;
- Simple structure, easy installation;
- Can be cut every LED, suitable for different projects.

Applications:

- Suitable for 2.5~6cm depth backlighting light boxes, the best for 3-4cm back lighting light boxes.

Warranty:

- 3 years or 13,000 hours, whichever comes first

Optical and Electrical Parameters:

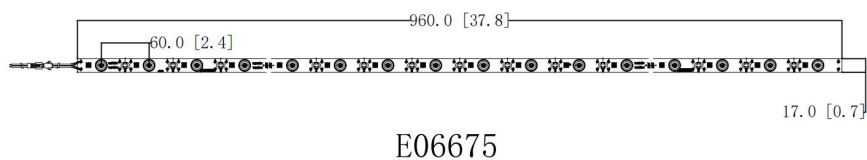
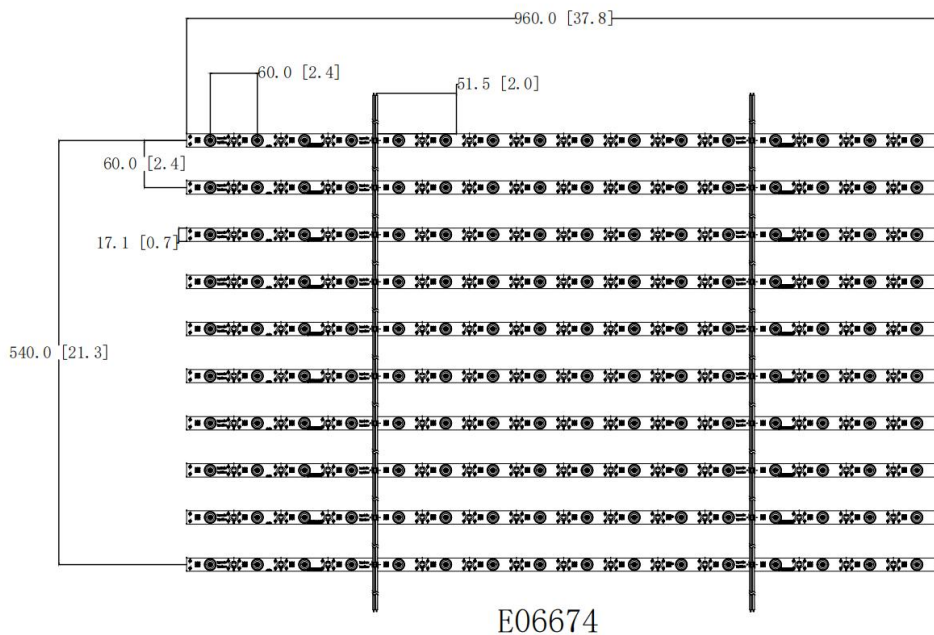
P/N	LED Color	CCT (K) WL (nm)	CRI	SDCM	Beam Angle (°)	Luminous Flux (lm)	Luminous Efficacy (lm/w)	Working voltage (V DC)	Working current (mA)	Power (w/piece)
E06674	Pure white	7000	≥80	--	160	864	150	24	0.24	5.76
E06675	Pure white	7000	≥80	--	160	864	150	24	0.24	5.76

Others:

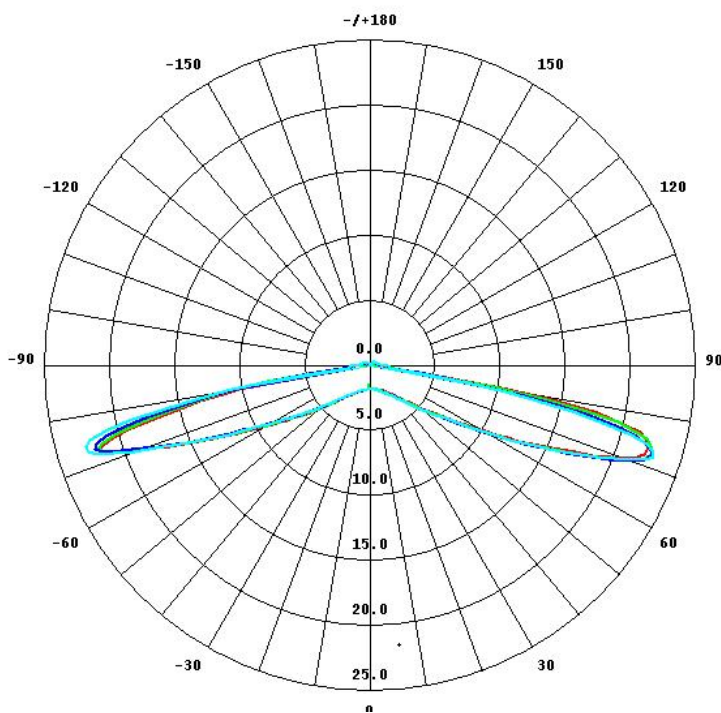
P/N	IP Grade	Operating Temp (°C)	Storage Temp (°C)	LED Qty (pcs)	Standard length (mm)	Weight (g/piece)	Cascading (pcs)
E06674/E06675	IP20	-25~+60	-25~+70	16	960	70	10

Note:

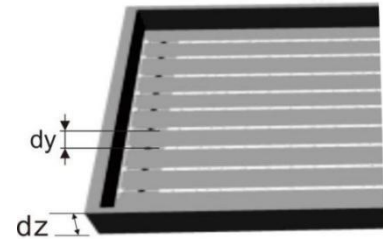
- (1) Testing environment temperature: 25±2°C [77±3.6°F];
- (2) The above data are based on every single LED rigid bar;
- (3) The actual data of each single product may differ from above typical data due to the particularity of manufacturing process;
- (4) The above "--" means the parameters are not required temporarily.



Light Distribution:



Lightbox depth dz (mm)	Distance between every unit dy (mm)	Surface illuminance range (lux)
25	60	9000-12000



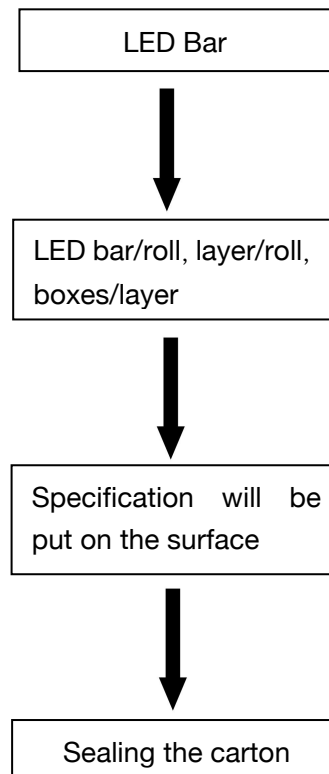
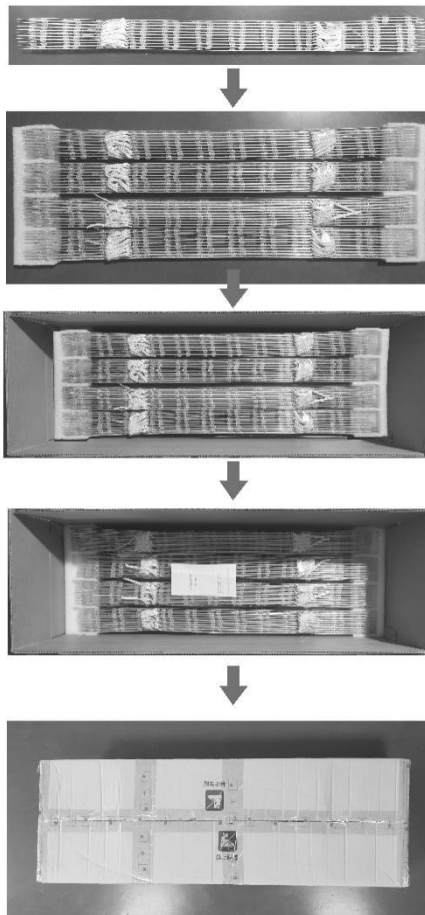
Note:

- 1.The above data is tested from the led bar with color temperature of 7,000K;
- 2.The above lightbox use acrylic white board with 3mm depth and 54.4% light transmittance;
- 3.The above illuminance is the minimum value tested on the even surface;
- 4.The above data is for reference only.

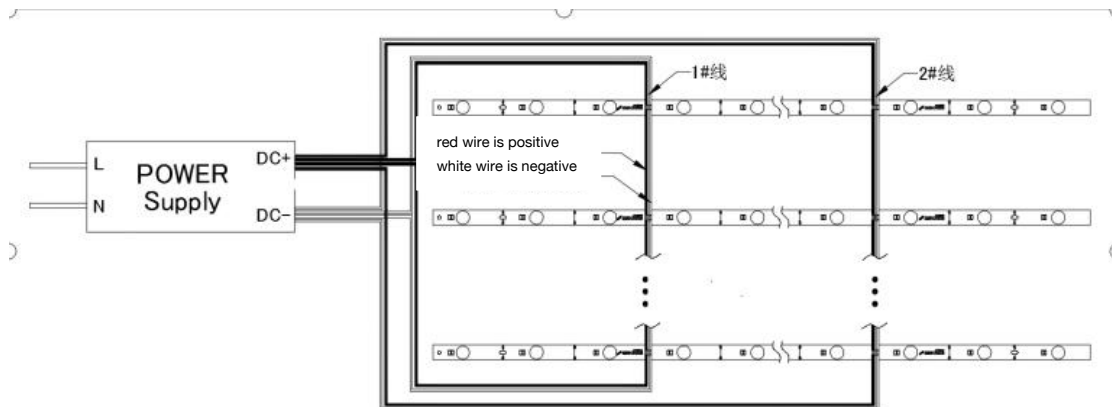
Packaging Information:

P/N	Qty (PCS/ layer)	Qty (layer /carton)	Total Qty (PCS)	Total Weight (kg)	Outer carton size (mm)		
					length	width	height
E06674/E06675	/	/	/	待定	1070	264	216

Packaging Diagram:



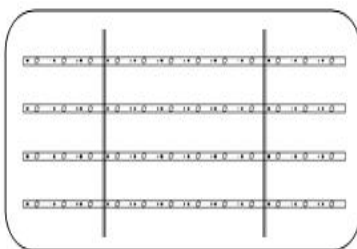
Connection Instruction:



Notes: Connection mode 1# and 2# lines must be connected to the main line at the same time.

Accessories & tools:

Product Spare Parts



LED rigid bar

Self-provided Tools



Cutting nipper, Electronically Drill & Drilling

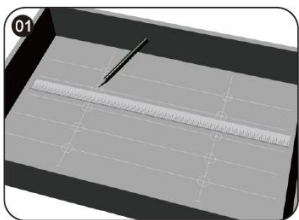


Connector

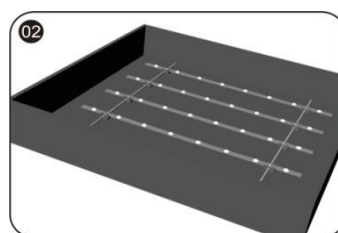


Screw (ST2.9*8)

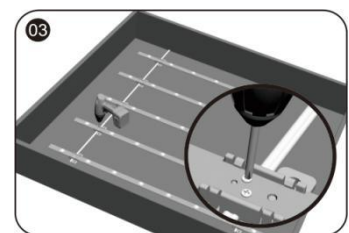
Installation Steps:



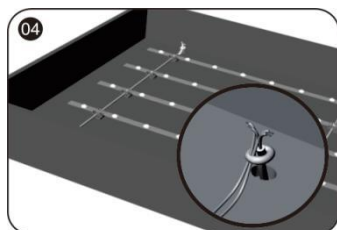
01 Clean the installing surface



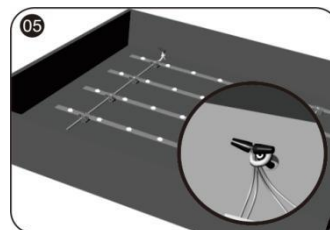
02 Mark the installing position and determine the needed qty



03 Screw the LED rigid bar by screws



04 Drill a hole at the appropriate Position with the electrical drill, pull the power lead through it, and dispose the lead at the hole with fixation and protection



05 Connect the "+" and "-" of rigid bars to those of power supply out put correctly, and dispose the joints with proper protection; and then dispose the other end with insulation protection.

Troubleshooting:

Malfunctions	Possible Causes	Solutions
All LEDs don't work	1. The power supply did not connect to power grid.	Power on
	2. No electricity due to short-circuit of external power supply.	Remove the malfunction caused by short-circuit, power on again.
	3. The wires of LED rigid bar connect to power supply output reversely.	Check the connecting and ensure the wires are connected correctly.
Part of LEDs don't work	1. Part of power supplies do not have output.	Check the power supply system.
	2. Part of rigid bar wires have malfunction.	
	3. Particular rigid bar connected reversely.	Correct connection
Brightness of LEDs is weak or uneven	1. Overloaded power supply;	Replace it with higher power supply
	2. The power loss of power circuit is huge or the power loss of each circuit existing big difference.	Ensure working voltage of rigid bars is within $\pm 5\%$ V of rated voltage. 1. Shorten the length of wires between the first rigid bar and power supply or replaced with wires with bigger diameter; 2. Ensure the cascading qty of string is less than or equal to the allowed maximum cascading qty, and each rigid bar cascading qty is well-balanced.)
	3. Exceed in qty of rigid bars in series.	Lessen the cascading qty for rigid bar and ensure the qty for each electrical circuit is within the maximum cascading qty.
LEDs are blinking	1. Poor contacted in the joints.	Find out and tackle malfunction immediately.
	2. Failures in power supply.	Replace power supply.

Declaration:

- If the external flexible cable of light box is damaged, please replace it by its manufacturer or its service agent or qualified person to avoid a hazard.
- The specific installation and cautions please refer to the user manual.
- The given data in this specification is based on our standard product. There may be existed slight difference compared with actual products.
- All Illustrations in this specification are for reference only.
- This product is subject to change or modify without prior notice.
- RISHANG OPTOELECTRONICS CO., LTD reserves the right of final explanation for this specification.

<End>

Rishang Optoelectronics Co., Ltd(stock code: 002654)

Add: Floor 1-8, North Side, 701, Mason Building, No. 2519, Guangqiao Avenue,
Fenghuang Community, Fenghuang Street, Guangming District, Shenzhen
Tell: +86-755-36988588 E-mail: info@ledlamps.com.cn
Website: www.ledlamps.com.cn

Website



Wechat Accounts

