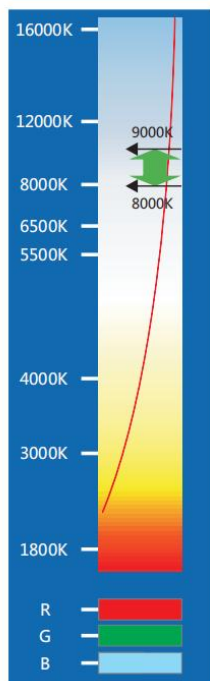


PRODUCT SPECIFICATION

产品规格书

Description: LED Light Bar

Model NO.: LD-JL12D-060



● Features

LED backlight strip is a newly developed lighting solution specially for signs which depth is above 38mm. The super brightness, great uniform light effect, and easy installation are main obvious characteristics. The DC12V input/output voltage is very safe for usage.

- High power LED: 1w/LED
- Beam angle: 175 degree
- Working voltage: DC12V/24V
- Parallel design, easy installation
- Excellent heat sink with high thermal conductivity aluminum base circuit board.
- Single 1LED cuttable by DC12V or Min 2 LEDs cuttable for DC24V for usage.
- Different length supplied according to needs.

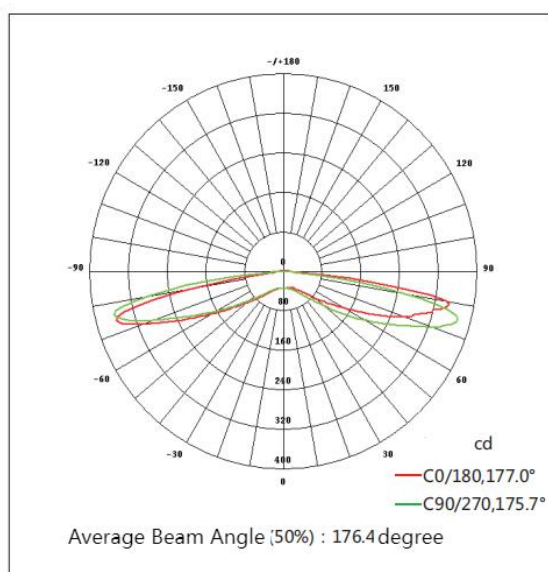
● Absolute Maximum Ratings

Parameter	Symbol	Rating			Unit
		Min.	Typ.	Max.	
Input Voltage	Vin	12	12	13	V
Input Current	I(rms)	0.18/row	0.2/row	0.25/row	A
Operating Tem.	Ta	-	40	75	°C
Operating Hum.	Ha	5%-95%(No Water)			-
Storage Tem.	Ts	-30~60			°C

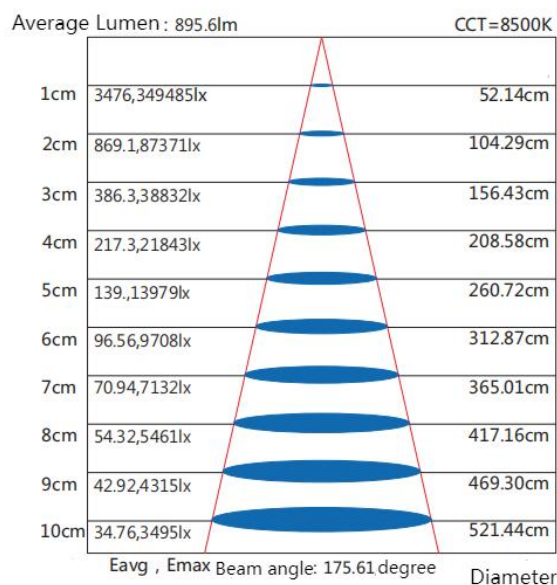
● **Electrical and optical characteristics (Ta=25℃)**

Model 型号	Power 功率	Luminous Flux /光通量 (lm) Luminous Intensity 发光强度 (MCD)	/色温	Dimension	Beam angle
	W		k	mm	2θ1/2
TK-JL095-120	12	120LM/pcs LED	2700-14000k	L950*W17*H7 mm	175
TK-JL071-120	9	120LM/pcs LED	2700-14000k	L712*W17*H7 mm	
TK-JL047-120	6	120LM/pcs LED	2700-14000k	L475*W17*H7 mm	

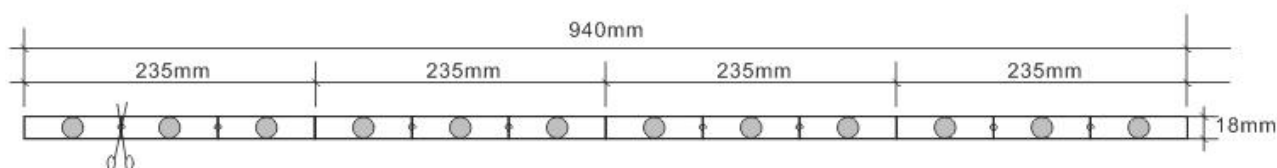
● **Intensity Distribution:**



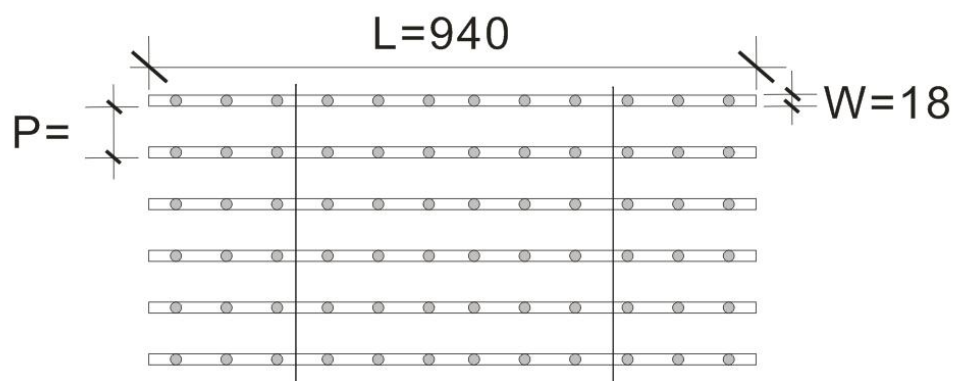
● **Effective Average Illuminance (Lux):**



● **Product Dimension:**



● **Construction wiring diagram**



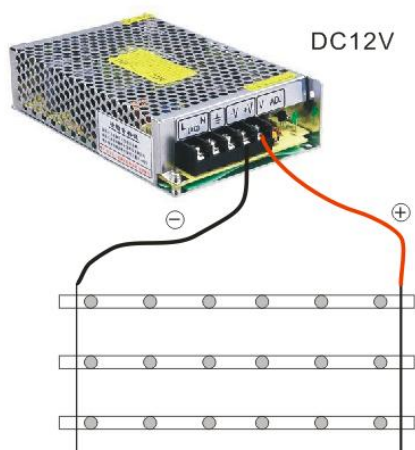
P=Distance between strips. L= Single LED length. W=Single LED width.

● **Distance of light installation recommended:**

Distance between 2 strips	Distance from light to front cover
60-80mm	> 25mm depth sign
80mm	> 50mm depth sign
100mm	> 80mm depth sign
150mm	> 100mm depth sign
200mm	> 150mm depth sign

Notes:

1. All dimensions are in millimeters.
2. Tolerance is 0.5 mm unless specified.
3. Specifications are subject to change without notice.

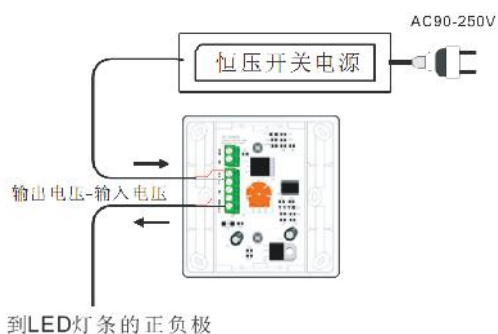


Max connection quantity:

15pcs strips Max

The indication and connection will be all prepared well before shipping according to detail light box sizes.

●Dimmable Function and Its Connection:

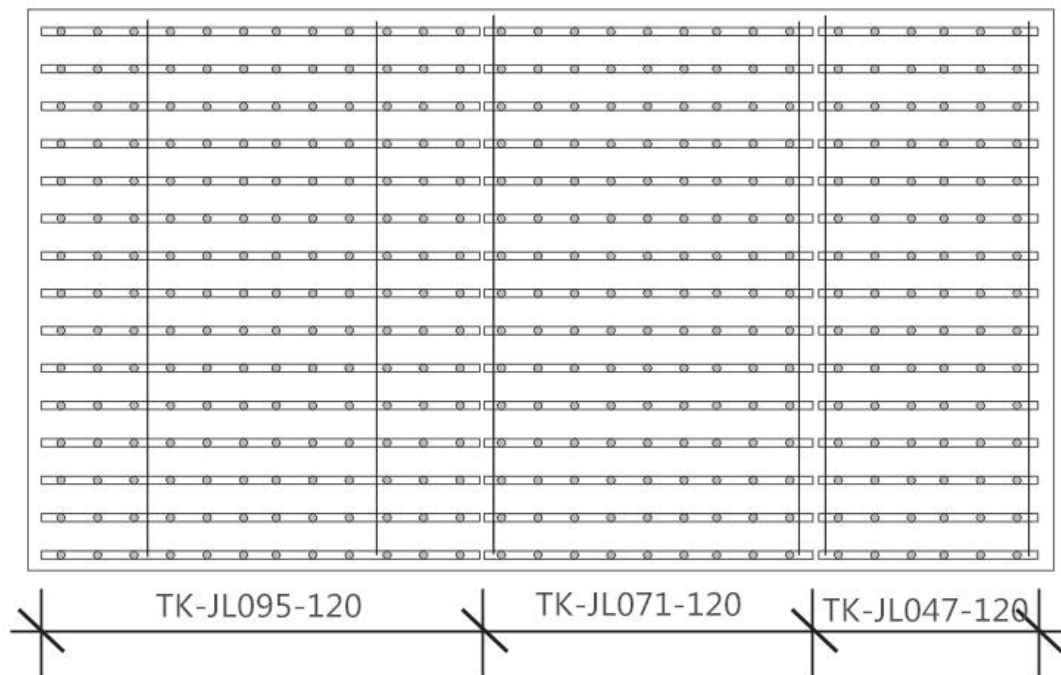


【Attention】

As the carrying capacity of the connection line between light bar and the light is limited, maximum capacity is 12 amps. One roll cannot be connected to another roll during installation. Each roll requires a separate power supply. LED backlight strip will be controlled within the maximum quantity for per roll during production.

Example:

Light box size: 2200*1200 mm



●Installation:

