

Technical data

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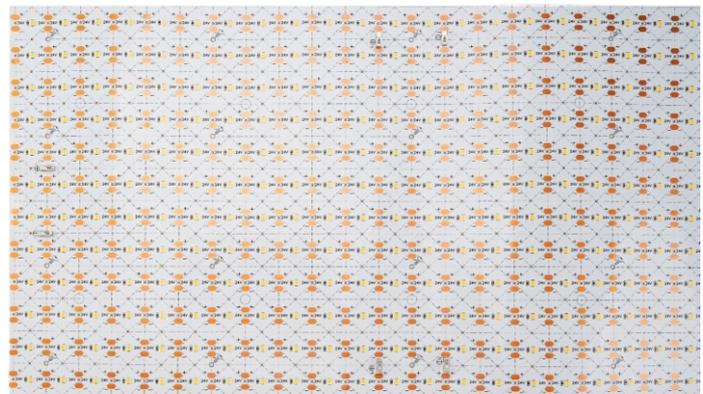
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PRODUCT:

LED FLEX PANEL

NOTE:

TECHNICAL DATA

IMAGE:**LAST UPDATE:**

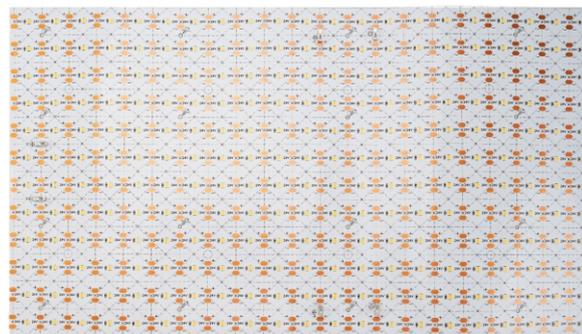
3/2026



LED FLEX PANEL

4.8M/SMD constant voltage Flex Sheet

- 288pcs led/PCS/DC24V/IP20/240mm
- Leds of the same BIN,with consistent color
- The minimum cutting unit is 20mm*20mm
- It adopts flexible soft membrane material, which has good flexibility and bending resistance
- With quick connector, easy to be connected or disconnected
- Born for stretched ceiling and light box,without light spot
- High CRI, RA90 for choice
- CE/ ROHS certification



Application

- widely used in hotels, shopping malls, furniture, cabinets, shelf, as decoration lighting, direct lighting or indirect lighting

Installation

- 3M adhesive
- screw installation (KA3*10)

Warranty

- 5 years



Optical and Electric data

Color	CCT (K)	Ra	Beam angle (°)	Lumen (lm/m)	Efficiency (lm/W)	Voltage (V DC)	Current (mA/m)	Power (W/m)
CW	6000-6500	≥90	120	930	93	24	416	10

Other features

IP grade	Working environment (°C)	Storage environment (°C)	Length (m)	Max connection length (m)	LED Qty (pcs/m)	N.W (g/Roll)
Ip20	-25~+45	-30~+80	4.8	4.8	576	1050

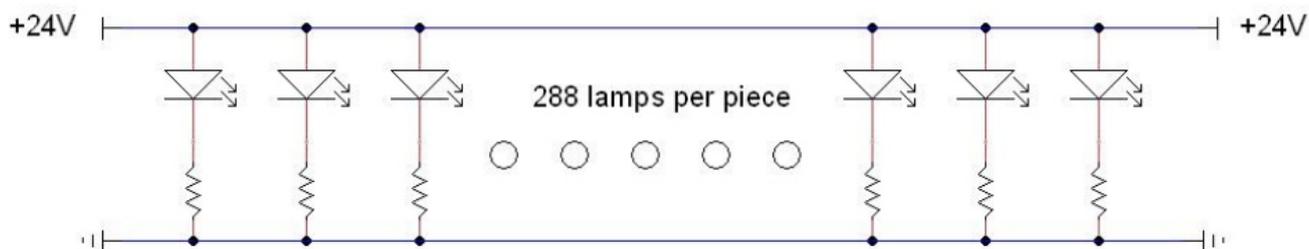
Notes:

- Testing environment temperature: 25±2°C
- Above data confirmed on the basis of 1M sample, Ra90, Ip20.
- Different IP grade with different Data.
- Mark "-" means no testing requirement.

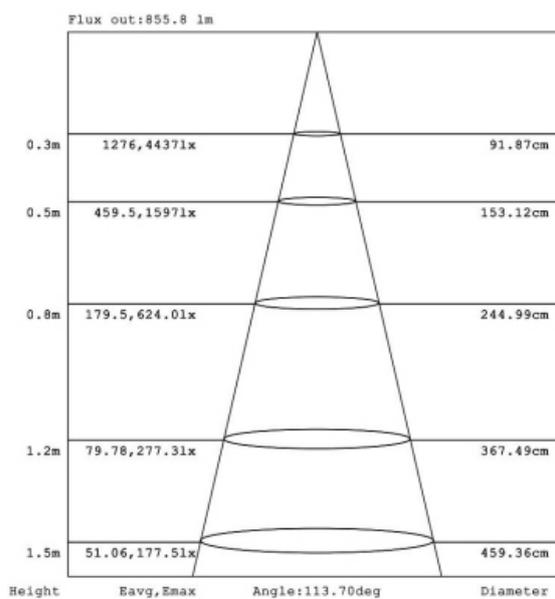
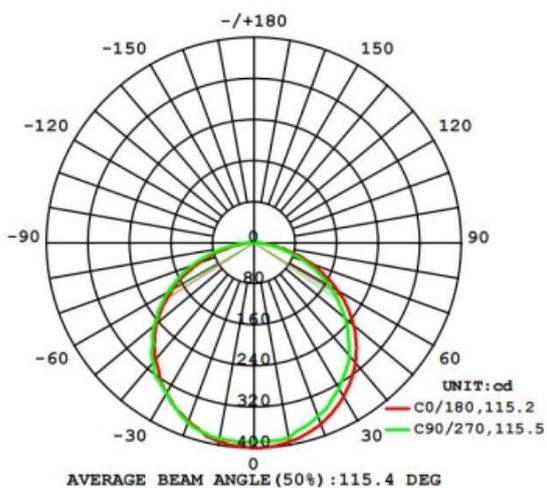
Dimensions



Electric principle

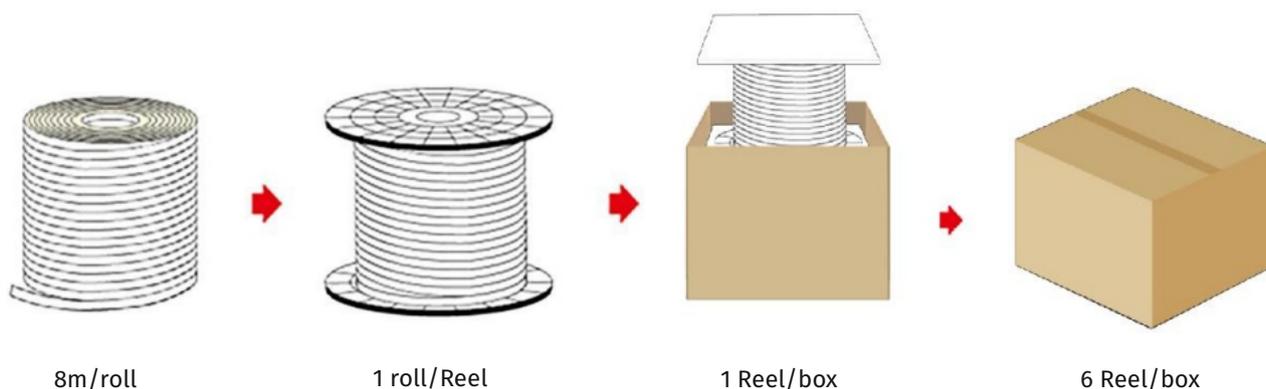


Optical/Lux graph

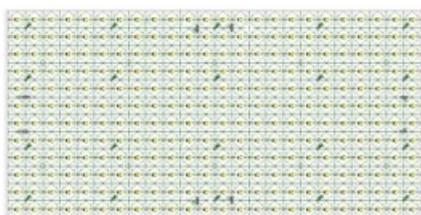


Package details

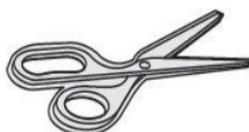
Carton	Qty/Roll (m)	Qty/Carton (m)	Total Qty (m)	G.W (kg)	Size
inner box	4.8	4.8	4.8	1.3	L185*W185*H255
outer box	28.8	28.8	28.8	9	L585*W390*H275



Product and needed tools

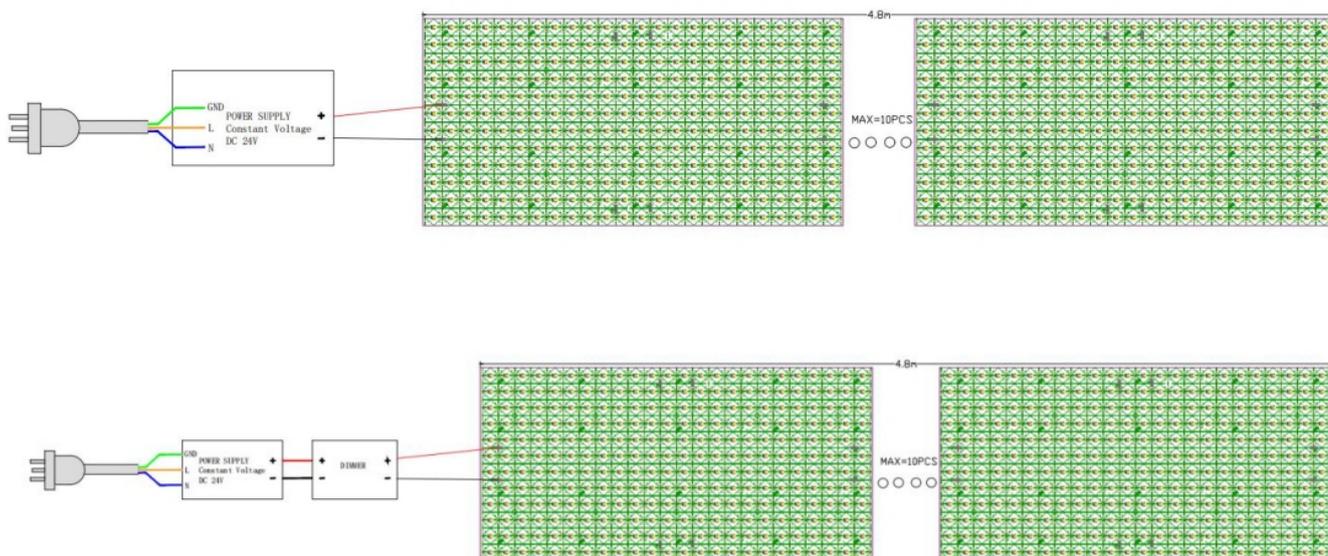


LED strip



Scissor

Schematic

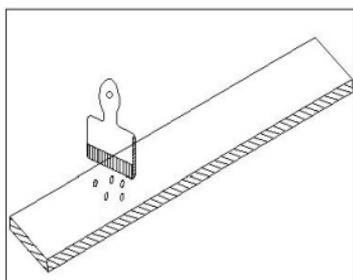


Note:

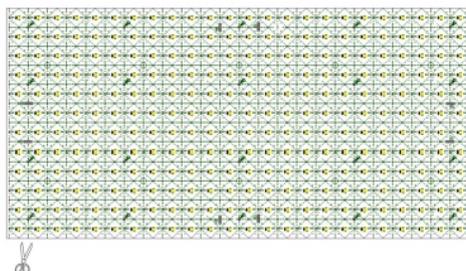
"+": red wire
 "-": black wire

PS: Strip positive connect to the driver positive; Strip negative connect to driver negative

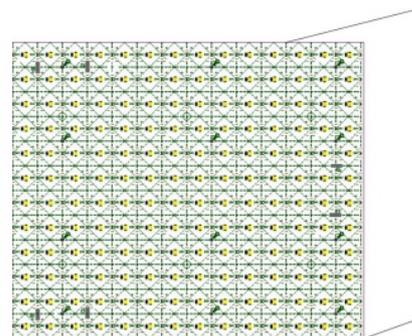
Installation steps



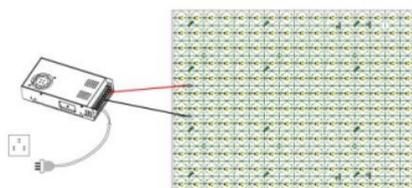
Clean the installation surface



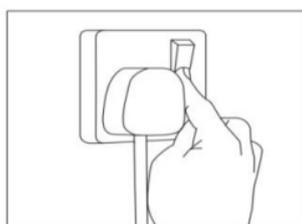
Measure the length you need to install, cut at the nearest scissor mark line



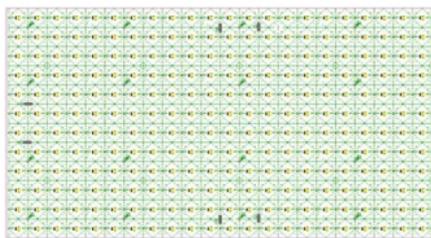
Put apart 3M tape from the led strip, paste on installation surface



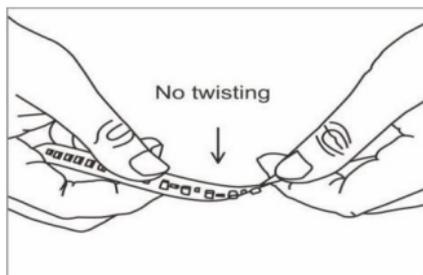
Connect the led strip wire to the driver output side (Positive to positive, negative to negative)
 Connect the driver input side to power-supply



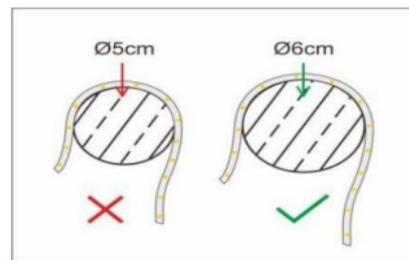
Switch on and enjoy



No bending at the point of leds



No contortion of the led strip



No bending with diameter < 6cm

Usual problem with solutions

Problem	Possible reasons	Solution
All fail	<ul style="list-style-type: none"> No power supply Automatic switch-off because of the open circuit and short circuit Wrong connection (positive connect with negative) Part power-supply fail 	<ul style="list-style-type: none"> Give power supply Solve the problem, switch on again Check and get right connection Check and make sure the power supply

Problem	Possible reasons	Solution
Part fail	<ul style="list-style-type: none"> Part circuit error Part wrong connection (positive connect negative) Overload of the driver 	<ul style="list-style-type: none"> Check and get right connection Use higher-power driver well

Problem	Possible reasons	Solution
Inconsistent brightness or insufficient brightness	<ul style="list-style-type: none"> Too big power consumption of the switch, or unbalanced power consumption forem different strip series Too many Led strips connection 	<ul style="list-style-type: none"> Keep the strip working voltage is more or less 5% than the Rated voltage 1. shorten the connection cable length, or change to thicker cable 2. make sure the strip quantity is less than the allowed connection quantity Keep the led strip quantity of each series similar Adjust the led strip quantity, make sure sufficient power supply

Problem	Possible reasons	Solution
LED flash	<ul style="list-style-type: none"> Poor welding connection of wires Switch problem 	<ul style="list-style-type: none"> Check, find and solve it Change to right switch

Statements

- For safety, the product wire should be moved and replaced by the manufacturer, agent or other authorized person.
- Please refer to the product manual before installation.
- Above-refered data is from our standard product. Please subject to your actual product data if there is difference.
- Above-refered schematic diagrams are from our standard product. Please subject to your actual product data if there is difference.
- In actual use, we suggest 80% consumption of the driver. Keep 20% as power to start the led strip.
- For safety, no touch the AC terminal.
- Any acidic or alkaline substance is forbidden.
- No notice for updated of this product.
- Starwire reserve the final interpretation of the specification.