

PRODUCT SPECIFICATION

Product Name	SMD 2835 LED Light Sheet Series
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Part Number	JS-DC24V-2835-300D-ZY120
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Effective Date	20 July 2023
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Prepared by: He Mingrui

Reviewed by:

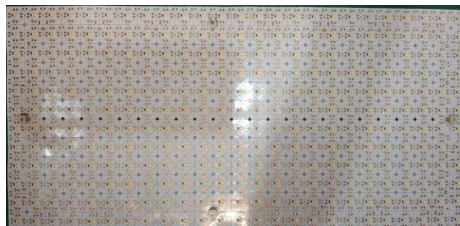
Approved by:

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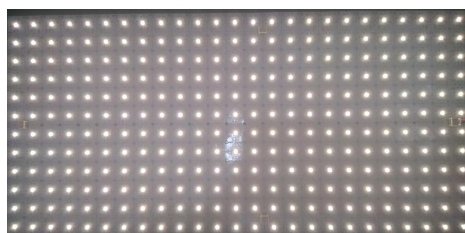
CHAPTER 1: PRODUCT OVERVIEW

LED Flexible Light Sheet, model JS-DC24V-2835-300D-ZY120, is suitable for building outlines, steps, hotel and KTV decorative lighting, concealed-area lighting, advertising backlighting, outdoor signage, furniture and display lighting, and other urban landscape lighting applications.



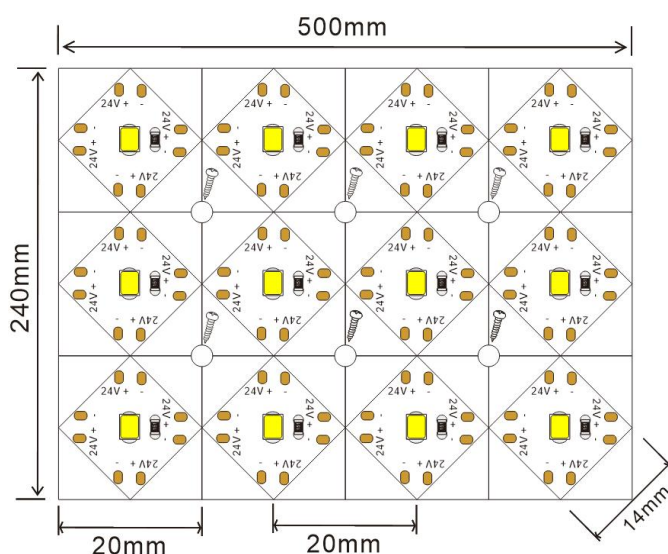
1.1 LED LIGHT SHEET FEATURES

1. Uses SMD 2835 LEDs with high color rendering, low lumen depreciation, pure light color and no ghosting.
2. Environmentally considerate construction with no lead, mercury or other listed polluting elements.
3. Good color rendering provides faithful color appearance; multiple light colors are available for different environments.
4. Special surface treatment gives a modern appearance and supports convenient installation and removal.

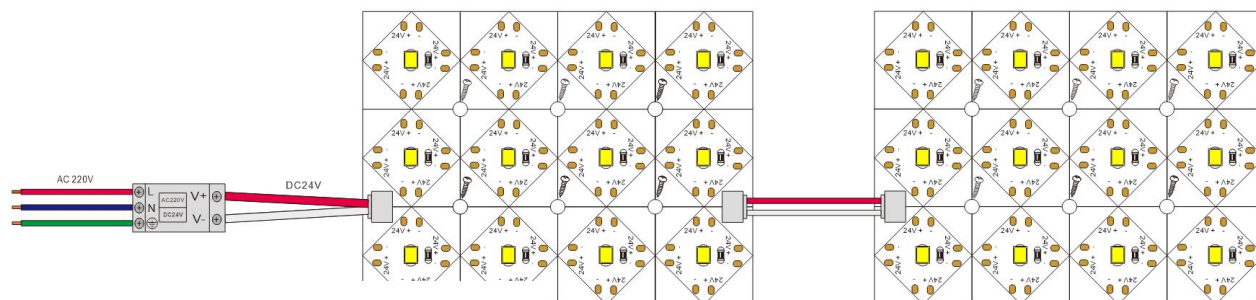


CHAPTER 2 TECHNICAL SPECIFICATIONS

2.1 PRODUCT DIMENSION DRAWING



2.2 WIRING DIAGRAM



2.3 CIRCUIT DIAGRAM



2.4 PRODUCT PARAMETERS

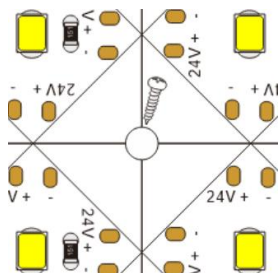
Part No.	LED Qty.	CCT	CRI Options	Input Voltage	Current	Power	Luminous Flux	Panel Size
JS-DC24V-2835-300D-ZY120	120 pcs	White: 6300-6700 K Neutral: 3900-4200 K Warm: 2900-3100 K	80+ 90+	24 V	1 A	24 W	2370 lm	500 x 240 mm

CHAPTER 3 INSTALLATION, PACKAGING, TRANSPORTATION & WARRANTY

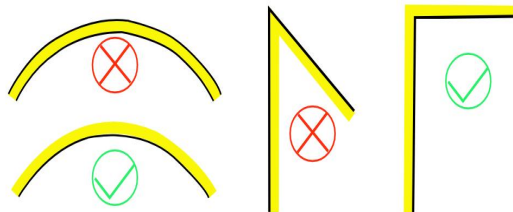
3.1 INSTALLATION METHOD

- This light sheet is intended for indoor indirect lighting and should not be exposed to wind or rain. Secure the light sheet at the required installation position with screws.
- The LED light sheet operates on DC 24 V and requires a switching power supply. Select power-supply capacity according to the light-sheet power and total connected length. Multiple light sheets may be wired in parallel to a suitably rated main power supply.
- The maximum series connection length is 10 light sheets. Add a power supply or supplementary power feed when this distance is exceeded.

INSTALLATION ILLUSTRATION



BENDING ILLUSTRATION

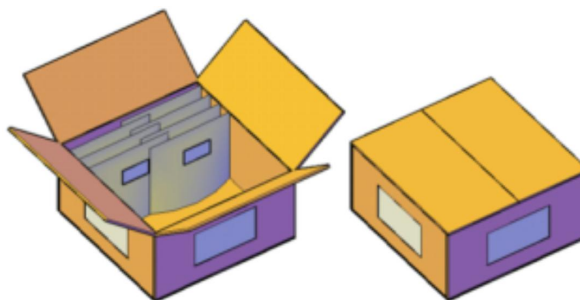
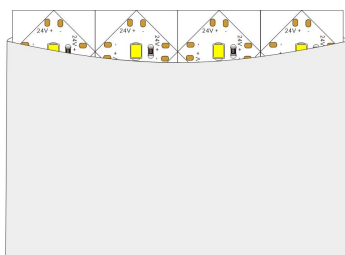


3.2 PACKAGING METHOD

Packaging weight and dimensions

Light Sheet Type	Sheets / Carton	Net Weight	Gross Weight	Carton Dimensions
240 x 500 mm	40 sheets / carton	7 kg / carton	7.5 kg / carton	53.2 x 27.5 x 28 cm

Packaging Illustration



3.3 TRANSPORTATION AND STORAGE

Flexible LED light sheets are precision products. Handle them carefully during installation and removal; do not pull or stretch them forcefully. Avoid severe mechanical shock, direct sun exposure, impact, rolling and heavy loads during transport. Store in a cool, dry and clean environment at -20 to 40 °C. LED products are electrostatic-sensitive: observe ESD precautions during installation and use. Do not press the LED surface with fingernails or sharp objects.

3.4 MAINTENANCE

1. Disconnect power before maintenance or repair.
2. Clean dust from the light-sheet surface regularly to maintain good light transmission.
3. Do not clean with water or strongly corrosive solutions; use a dry cloth to remove dust.
4. When replacing an adapter or controller, use an original product of the same specification.
5. For repair, return the product to the designated service department. The customer bears one-way freight to the service department; return freight is borne by the supplier.

~~6.~~ For products returned from other countries for repair, the customer is responsible for all freight, customs duties and other applicable taxes.

7. For quality issues within the warranty period, the supplier may elect to repair, replace components or replace the product. After the warranty period, reasonable charges for materials and labor may apply.

3.5 QUALITY ASSURANCE

The materials and workmanship of this product are warranted from the shipment date for 3 years for indoor use and 1 year for outdoor use. Under normal operating conditions, this warranty is based on correct storage, installation, use and maintenance. It does not cover damage caused by:

- A. Improper installation or use by the customer, or failure to follow operating instructions.
- B. Unauthorized modification or misuse.
- C. Operation outside the specified environment, or configuration and repair at an unauthorized service location.
- D. Damage caused by customer-installed circuitry.