



The LED Flexible Light Sheet 3CCT Selectable is an ultra-thin, flexible LED panel designed for backlighting and architectural applications requiring uniform, high-quality illumination. It offers adjustable color temperature from 3000K to 5000K, features 696 SMD2835 LEDs with CRI >90, and delivers 1450lm with a wide 120° beam angle. Its cuttable design (every 2 LEDs) allows easy customization to any shape or surface, while solder-free connectors and 3M adhesive backing ensure quick installation.

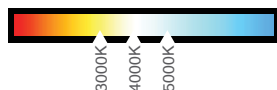
LED Flexible Light Sheet 3CCT

Features and benefits

- ZOLU Lighting quality and reliability
- Flexible and light weight
- Consistent output and even light dispersion
- Fit, cut or fold to any desired angle or curve
- No visible brightness differences between sheets or voltage drops
- Joined with included connectors to make up the required size and shape

Applications

- Slim-line light box, backlighting, backlite stone
- Bar counter, lad installation, display counter



Technical specifications

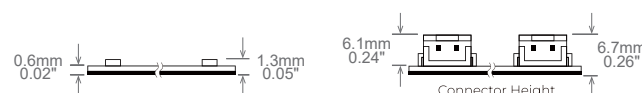
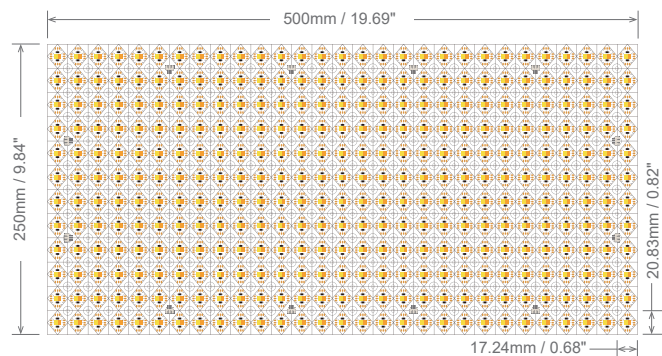
Product code	Power	Light output	Dimensions (LxW)
ZL25W24V3CCT-SHEET	25W max.	3150lm/sheet	500x250mm

Accessories

Product code	
ZL-BB-3CCT-30MM-SHEET	30mm white LED cable connector with 3pin terminal - Double ended
ZL-BB-3CCT-95MM-SHEET	95mm white LED cable connector with 3pin terminal - Double ended
ZL-WB-3CCT-610MM-SHEET	610mm white LED cable connector with 3pin terminal - One end
ZL-SG-10MM-SHEET	Silicone gasket, size: Ø12.7mm x h10mm
ZL-CON-WB5-SHEET	WiFi&BT 5-in-1 LED Controller, Input voltage DC12V-24V, output: 6A/Channel, RF: 2.4GHz
ZL-AMP-3CCT-SHEET	LED Sheet Power Repeater/Amplifier, Input voltage 5-24V DC - Load current 30A max.



• NOTE: To change the color temperature or wattage, first, turn off the fixture before moving the switch. NOT doing this may cause damage to the controller and void the warranty.



Main voltage	DC24V
LED type	2835
LED Qty	696 LEDs/Sheet (2 LEDs cut)
IP rating	IP20
CCT	3000K (4000K) 5000K Selectable
CRI	Ra>80
Lens angle	120°
Dimmable	0-10V Dim
Certificates	UL- CE - RoHS - TUV
Warranty	5-Year



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WARNING ⚡

1. Use a qualified electrician for installation of this lighting fixture.
2. Before installing the fixture disconnect power by shutting off the circuit breaker or by removing the fuse at the fuse box.
3. All electrical connections must be in accordance with local and National Electrical Code.
4. Switch ON only after complete installation and examination of the circuit.



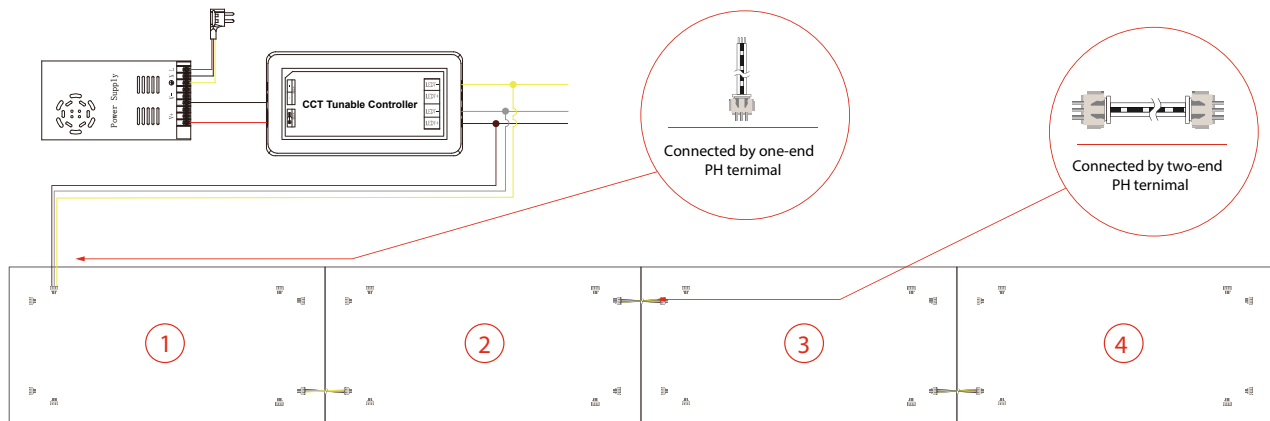
CAUTION ⚠

Do NOT connect to AC power.
 Do NOT fold back-to-back.

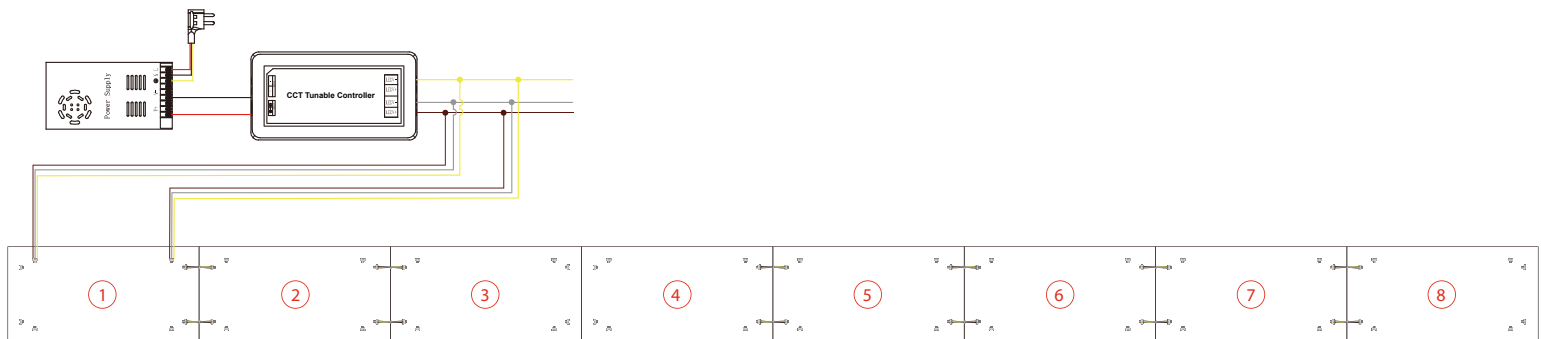
Turn OFF power supply before starting any installation. Read instructions and check you have all the tools and accessories to complete the installation correctly.

Connection diagrams

Single Power Supply:



Max. Series Connection:



The maximum overload current of the PH terminal is 5A.

A single power supply point carries a maximum of 4PCS plates, and a maximum of 8PCS plates in series.

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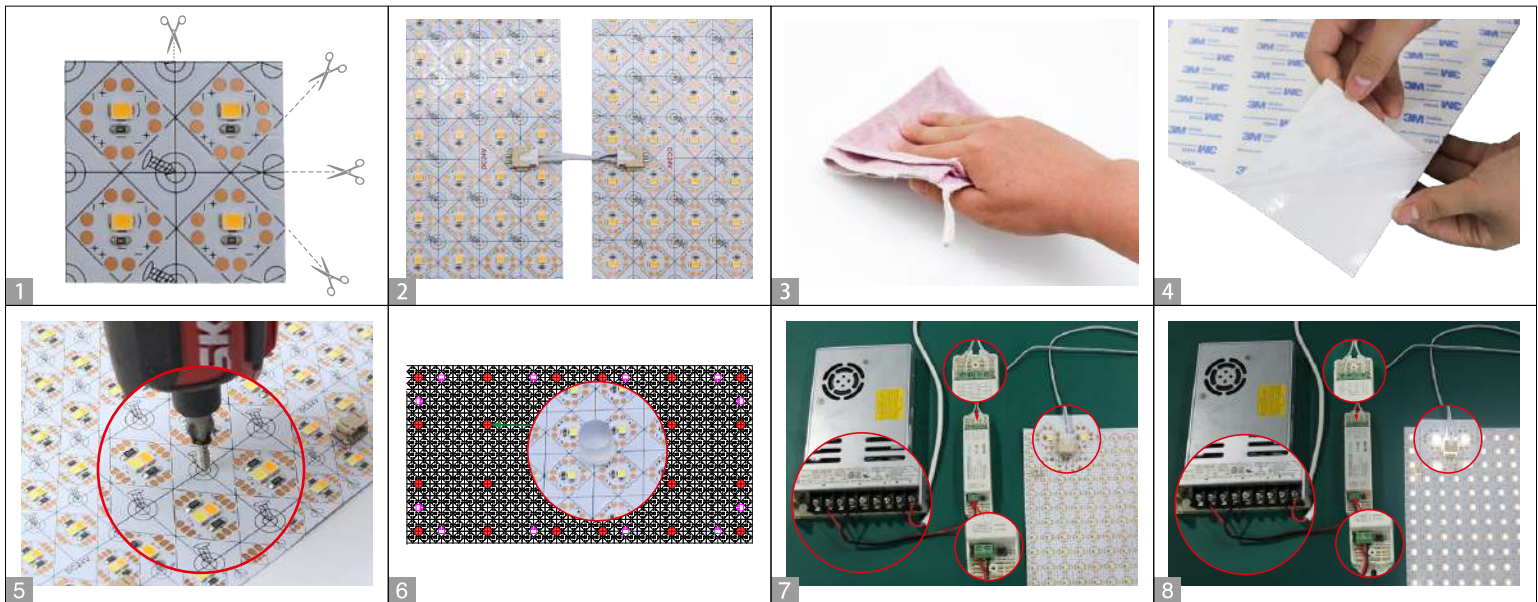
Pre-installation preparation

1. Before cutting your light sheets or sticking them on a surface, connect your LED light sheet to the dimmer and power supply.
2. Turn on your lights and check to see if everything is working properly.
3. Avoid connecting more LED sheets in series than the recommended maximum, as this can lead to voltage drop and other issues.
4. Note: If they don't work, double-check your connections and ensure the power connector is correctly used.

CAUTION !

For your safety, remember to turn off the circuit breaker first when you start to install the LED Sheets

Install steps



1. Cut LED Sheet to required length or shape based on the cut line.
2. Using double-ended PH terminal to connect LED Sheets together.
3. Clean all mounting surfaces completely. The adhesive requires dust-free, smooth surfaces for proper bonding.
4. Peel a little of the 3M adhesive tape at a time, pressing the LED Sheet down as you make sure it sticks properly.
5. Or use another installation way to fix the LED sheets. Only drill through the designated screw pattern areas shown on the LED sheet before securing with screws.
6. The number of silicone gasket to install relates to the top support platform. If the support platform is hard and non-fragile, fewer pads can be installed. If the support platform is soft or brittle, more silicone gasket (e.g., two) are required.
7. Follow the diagrammatic guide below for proper LED Light Sheet to Driver wiring.
8. Turn on the power. The LED Sheet should light up and work properly.

CAUTION !



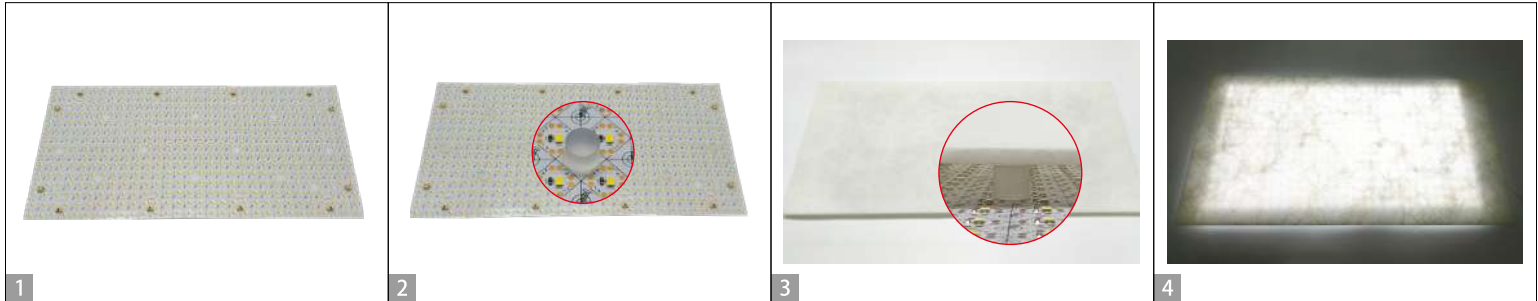
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Silicone gasket mounting



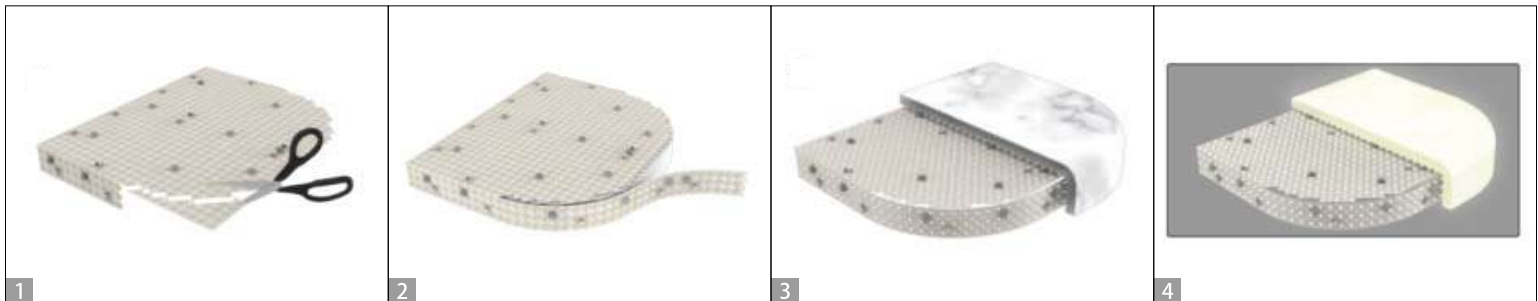
1. Paste the LED Sheet to the surface.
2. Stick the silicone gasket to the blank position on the PCB (Choose different installation quantities based on the softness of the cover).
3. Place the transparent board on the silicone gasket.
4. Turn on the LED Sheet.

Flat mounting



1. Cut the panels from cutting lines.
2. Peel off 3M protective sheet from the adhesive tape at back side of the LED Sheet.
3. Flat surface application sample (OFF).
4. Flat surface application sample (ON).

Curve mounting



1. Cut the panels from cutting lines as desired shape.
2. Peel off 3M protective sheet from the adhesive tape at back side of the LED Sheet and paste panel to the surface as shown.
3. Curve surface application sample (OFF).
4. Curve surface application sample (ON).