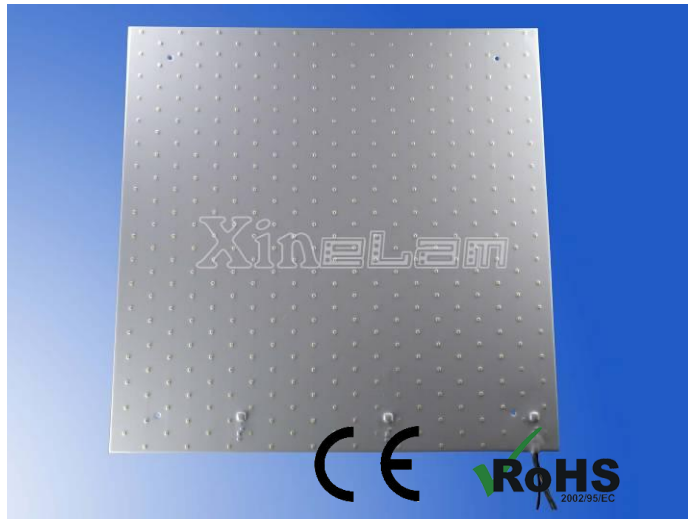


Description: RX-ALF3528-CC waterproof LED panel, The unique triangular design yields the most illuminating coverage as well as balanced and evenly lit back panels. using the TOP SMD3528 LED, with a thin 3.5mm, full AL board, low temperature rise, waterproof IP67, long life and so on. with constant current technology, Dedicated to advertising backlight-light source, Do your own energy-saving lighting project.



Features:

- 1.Highest luminous efficiency of the LED panel 105Lm/W
- 2.With constant current technology 12 ~ 25V wide voltage input, can use PWM dimming
- 3.Waterproof design, waterproof grade IP67
- 4.Minimal can depth required at distance there will not be hot spots seen on the graphic!
- 5.Large size, Max custom size:900x900mm, thickness3.5mm
- 6.Full aluminum heat dissipation, low temperature rise, the strict high and low temperature experiments, higher reliability
- 7.Long life: ≥ 50000hours. Warranty: 3 years
- 8.Patent No.: ZL200820131053, ZL200820132702

Scope of application:

Apply to lighting, advertising signs backlight. Direct replacement of the same size of the ceiling (grid lamp) , Advertising light box.



Electronical Specifications:

Input: DC 12 ~ 25V (Recommended DC24V)

Power: 0.068W/LED

Viewing angle: 120° luminous efficiency: ≥ 105Lm / W

Color rendering index: Ra 70/80

Available colors: Warm White 3000-3500K,

Neutral White 4200-4700K, Cool white 6000-6500K

Mechanical Specifications:

Main Material: Aluminum, Modified Epoxy, LED

Dimensions: see table below

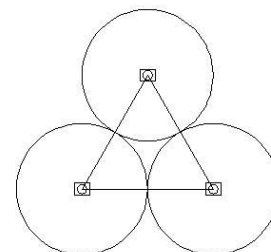
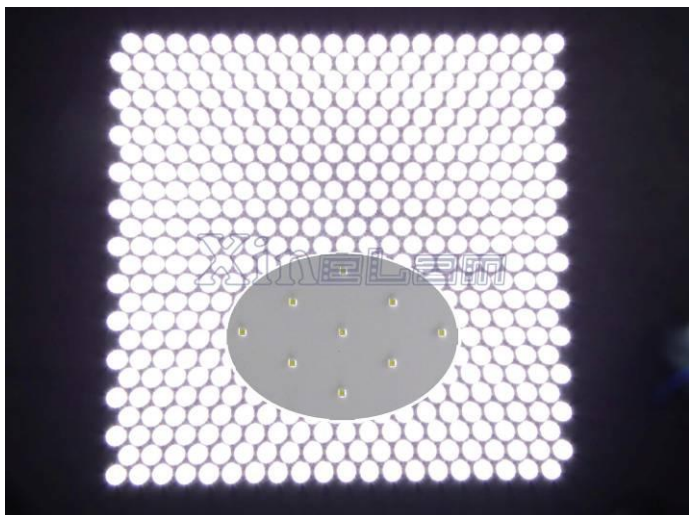
LED Panel Weight: 1.6KG / (540x540mm)

LED panel thickness: 3.5mm

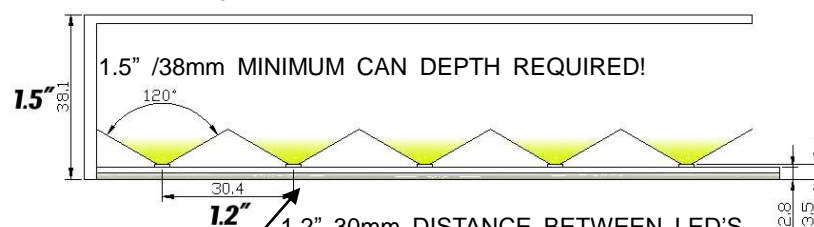
Temperature: -20℃~50℃ Storage Temperature -20℃~80℃

Waterproof Input cable 7"(20cm) ; PWM cable 6"(18cm)

※Standard input wire to the back side of the lead; 25 °C average temperature, life 50000hours

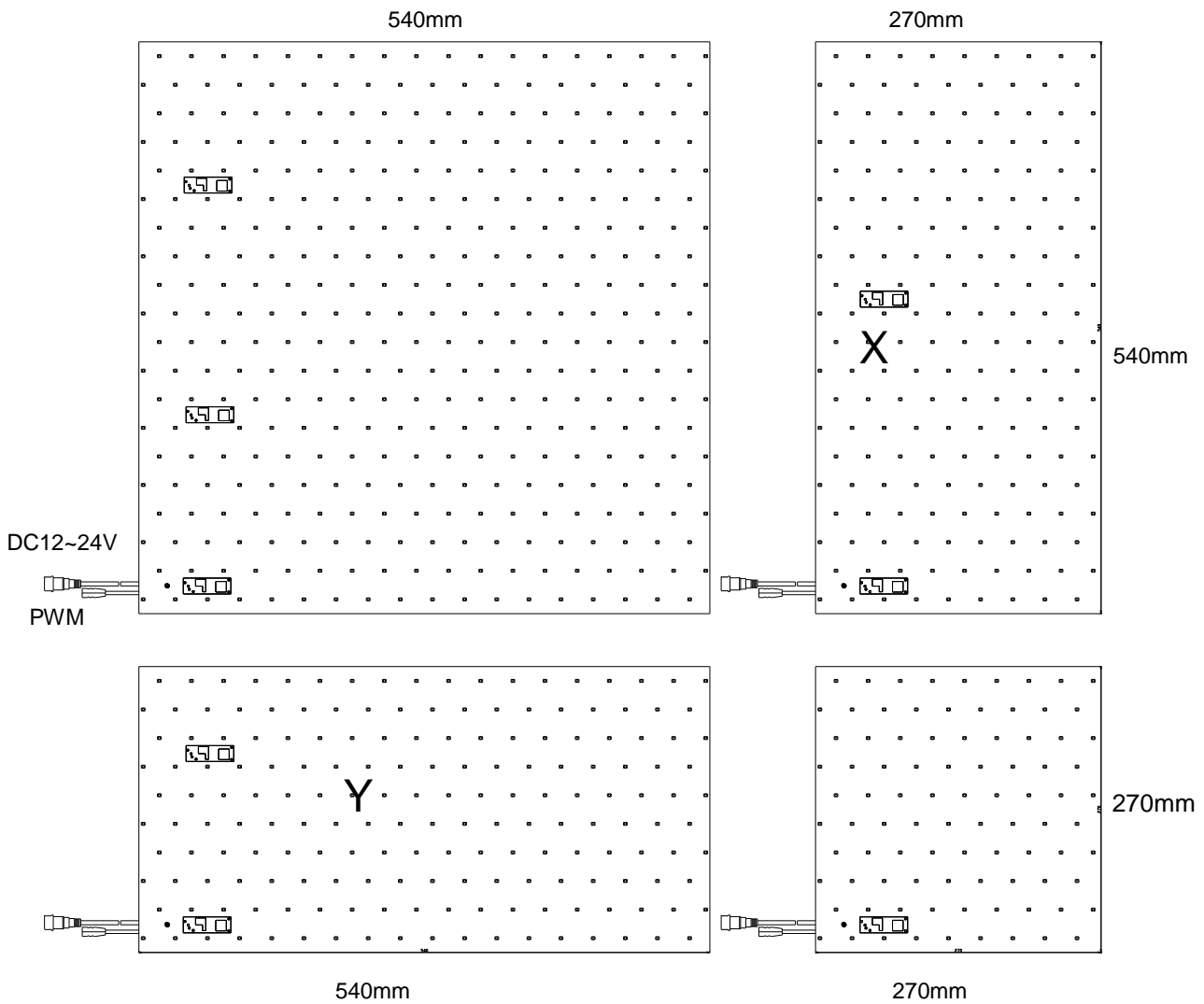


New design Balanced Light Distribution
(LED spacing)1 : 1.25 (DEPTH) NO HOT SPOTS!



Aluminum plate temperature rise < 5 °C, long life, higher reliability

Common types of data tables:



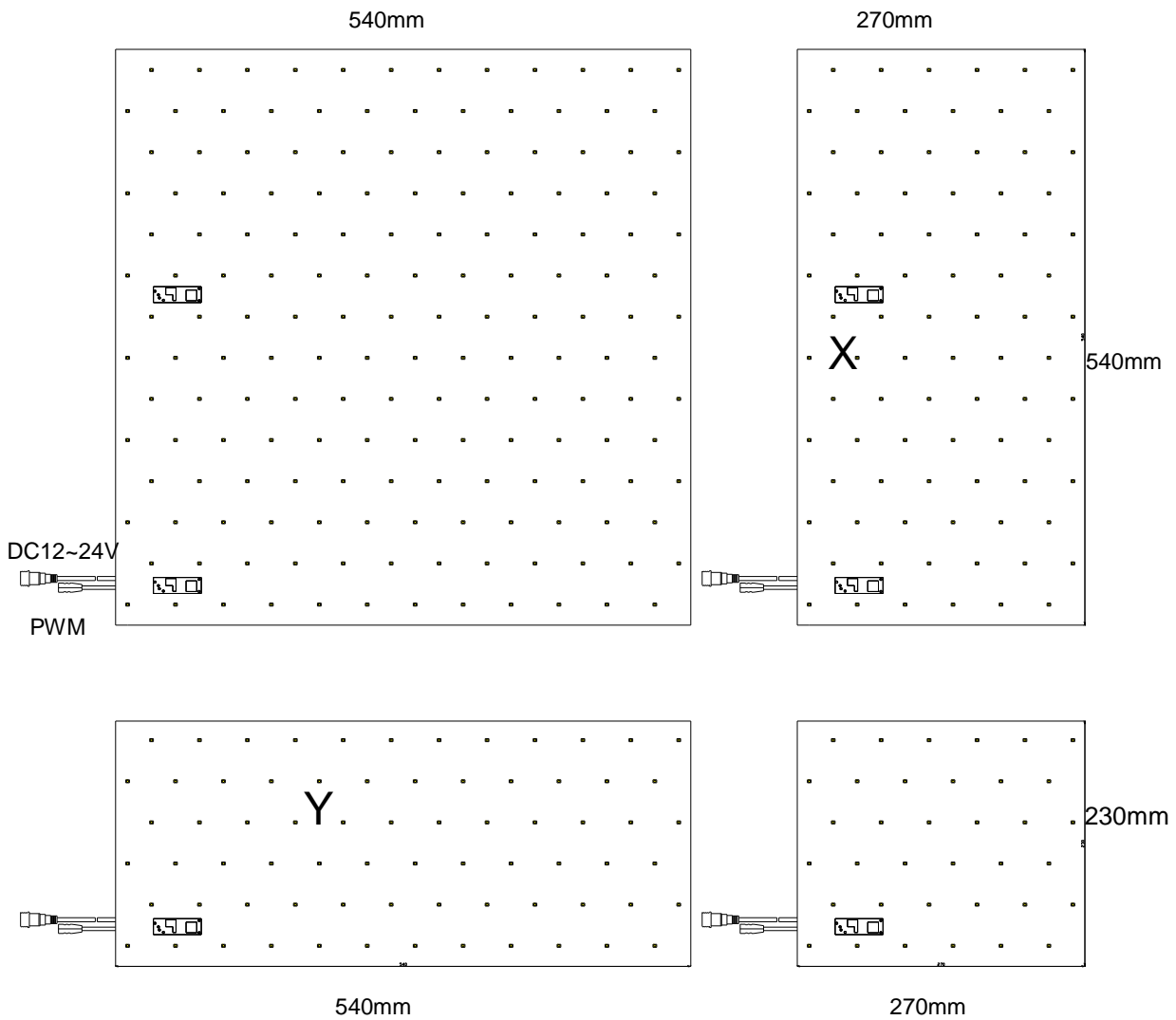
MODEL: RX-ALF3528-CC-T30

MODEL	Dimensions Power	Luminous flux Lm	Illuminance Lux(Centre distance) depth				Net Weight
			4cm/1.5"	0.5m/19.6"	1m/39.3"	2m /78.7"	
RX-ALF3528-CC-T30 LED spacing 30mm	360LED 24W 540x540mm	2520Lm	5200	1420	500	150	1.6KG
RX-ALF3528-CC-T30 LED spacing 30mm	225LED 15W 450x450mm	1570Lm	5200	900	300	85	1.2KG
RX-ALF3528-CC-T30/Y LED spacing 30mm	180LED 12W 540x270mm	1260Lm	5200	760	250	70	0.8KG
RX-ALF3528-CC-T30/X LED spacing 30mm	180LED 12W 270x540mm	1260Lm	5200	760	250	70	0.8KG
RX-ALF3528-CC-T30 LED spacing 30mm	90LED 6W 270x270mm	640Lm	5000	470	128		0.4KG

Note:

The above room temperature to form data test 25 °C, Input Voltage DC12V ;
 LED color is white (6000-6500K) Colour rendering index Ra>70
 High colour rendering index CRI > 80; Need to customize; brightness reduced by 12%
 Tolerance range for optical and electrical data: ±10 %.

Common types of data tables:

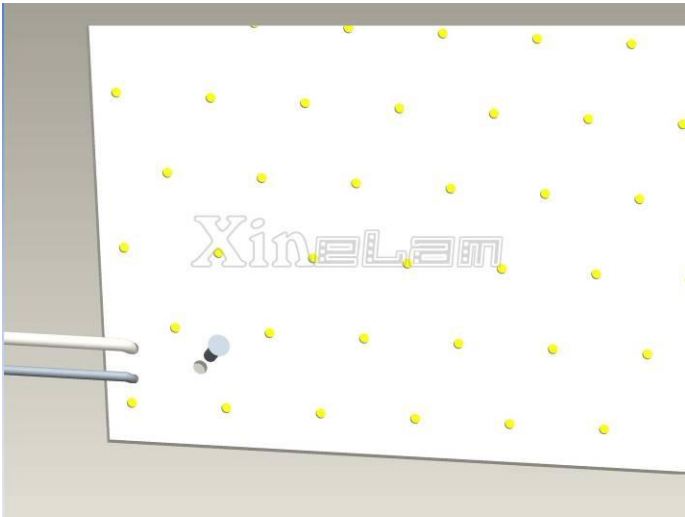


MODEL: RX-ALF3528-CC-T45

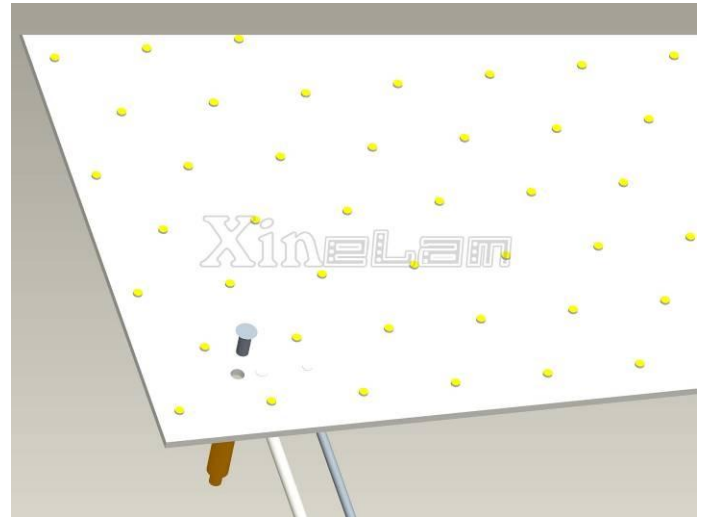
MODEL	Dimensions Power	Luminous flux Lm	Illuminance Lux(Centre distance) depth				Net Weight
			6cm/2.4"	0.5m/19.6"	1m/39.3"	2m /78.7"	
RX-ALF3528-CC-T45 LED spacing 45mm	144LED 9.8W 540x540mm	1029Lm	1800				1.6KG
RX-ALF3528-CC-T45/Y LED spacing 45mm	72LED 4.9W 540x230mm	515Lm	1800				1.2KG
RX-ALF3528-CC-T45/X LED spacing 45mm	84LED 5.7W 270x540mm	600Lm	1800				0.8KG
RX-ALF3528-CC-T45 LED spacing 45mm	36LED 2.4W 270x230mm	252Lm	1600				0.8KG

Note:

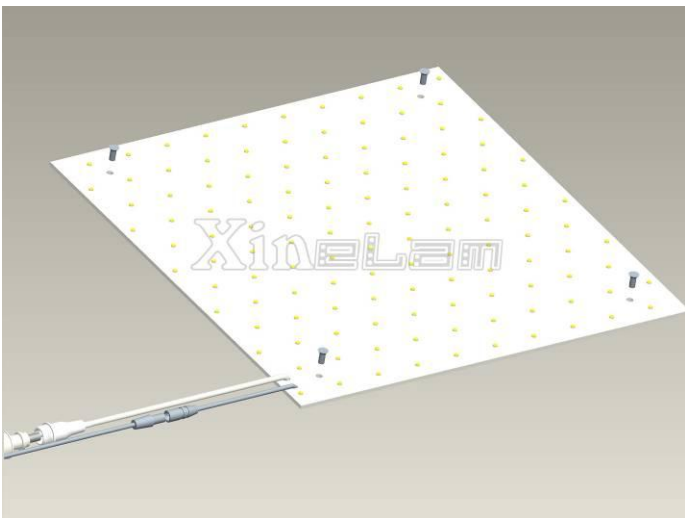
- The above room temperature to form data test 25 °C, Input Voltage DC12V ;
- LED color is white (6000-6500K) Colour rendering index Ra>70
- High colour rendering index CRI > 80; Need to customize; brightness reduced by 12%
- Tolerance range for optical and electrical data: ±10 %.



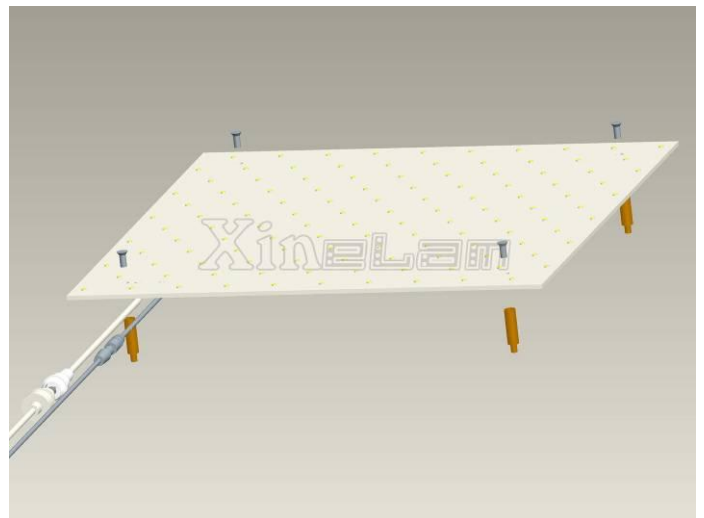
Front side lead wires



back side lead wires

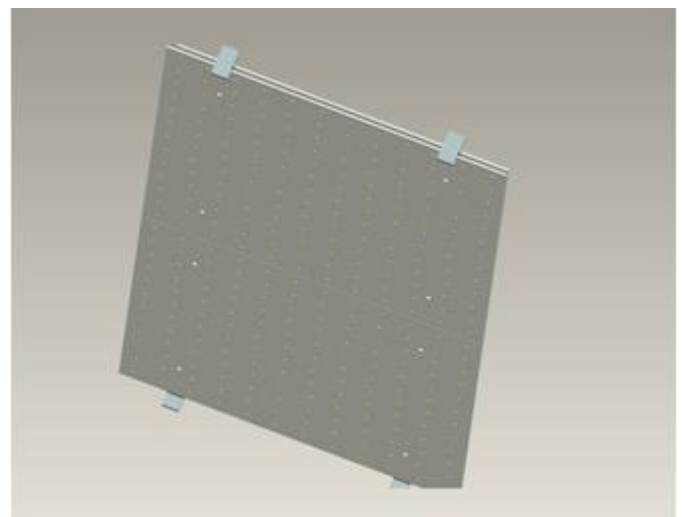


Front side lead wires used to create new advertising light boxes - Small depth - Slim Light Box

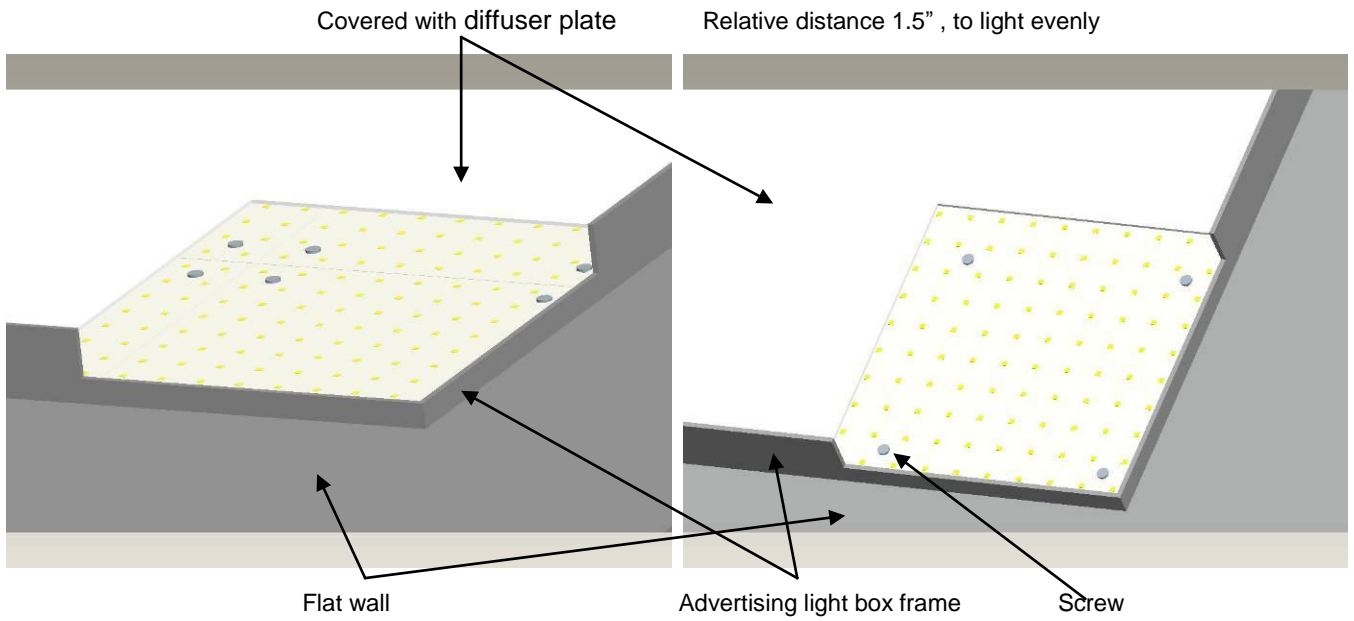


back side lead wires ,transformation of the old fluorescent light box; increase screw column - reduce the distance between the LED and canvas, to improve brightness, easy-to-wire connection.

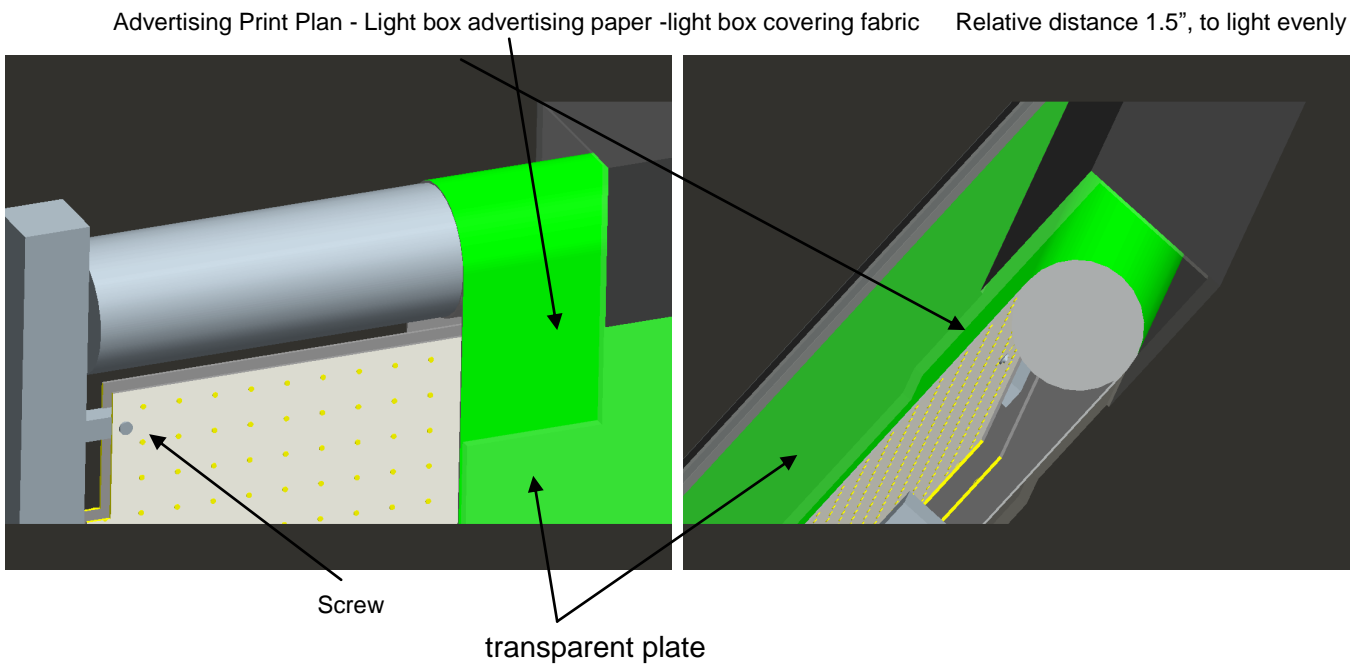
※Above for our standard parts, if other needs, please contact us!



Advertising light boxes backlight installation diagram

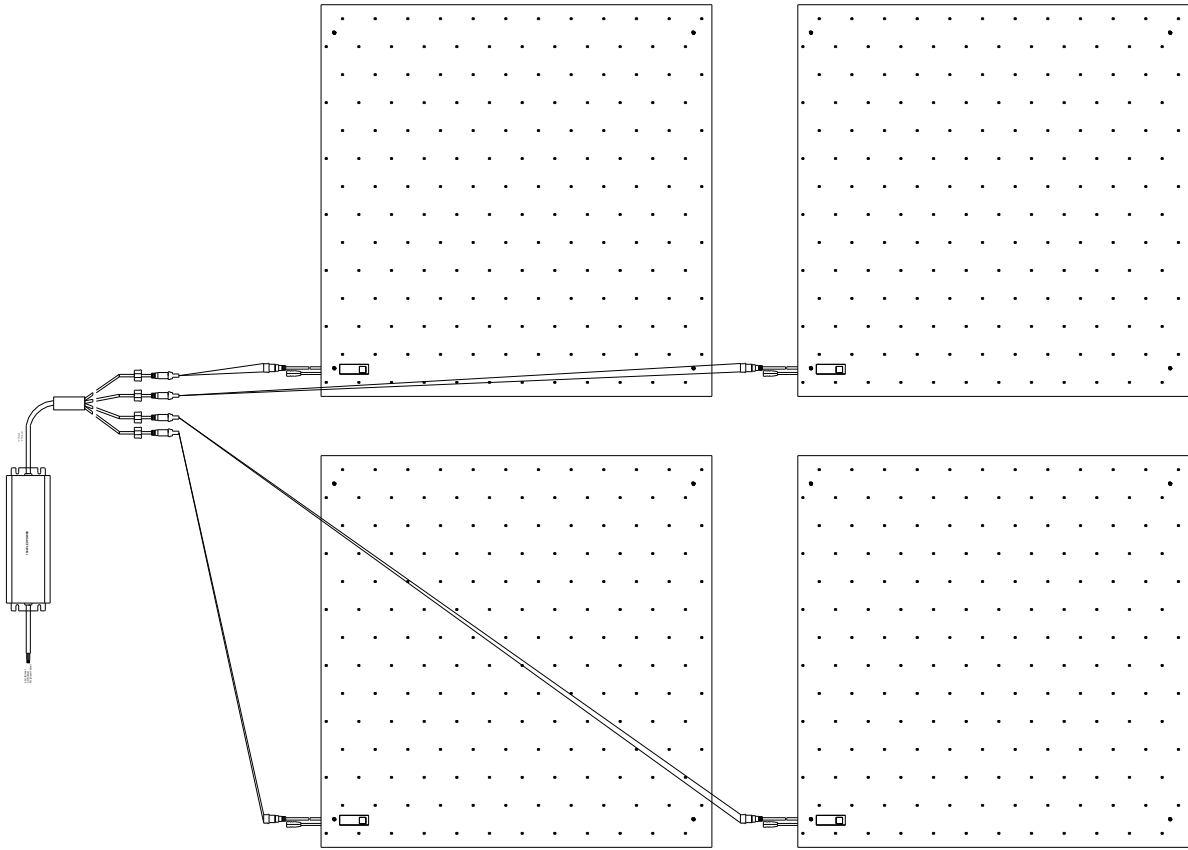


Note: Our only produce LED aluminum panel, the picture above for reference purposes only!

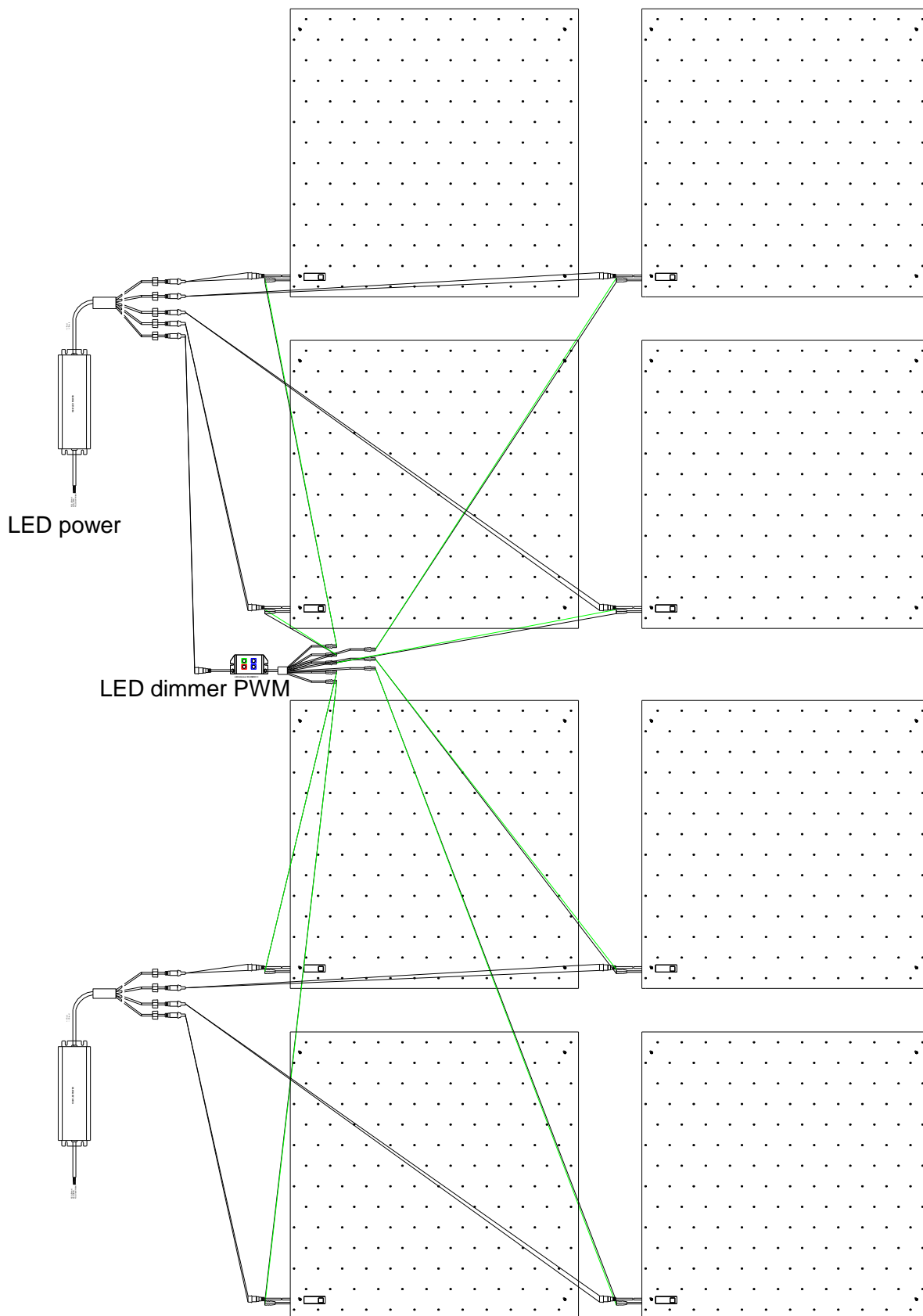


Note: Our only produce LED panel, the picture above for reference purposes only!

1. Multiple LED panel wiring diagram



2. Dimmer wiring diagram



Note: This product does not contain LED power supply, LED dimmers, extension cords; If you have a need, please contact us!

Please be sure you choose right AC/DC power adaptor to drive LED panel. If you have difficulty to buy such adaptor locally, please turn to us.

If you use poor quality of the LED power supply; LED panel caused damage, Our will not warranty.

CAUTION: This product is installed by a professional engineering staff.

Safety Information

1. The LED panel itself and all its components may not be mechanically stressed.
2. Assembly must not damage or destroy conducting paths on the circuit board.
3. Installation of LED lamp (with power supplies) needs to be made with regard to all applicable electrical and safety standards. Only qualified personnel should be allowed to perform installations.
4. Correct electrical polarity needs to be observed. Wrong polarity may destroy the LED panel.
5. Parallel connection is highly recommended as safe electrical operation mode.
6. Serial connection is not recommended. Unbalanced voltage drop can cause hazardous overload and damage the LED panel.
7. Please ensure that the power supply of adapters power to operate the total load.
8. When mounting on metallic or otherwise conductive surfaces, there needs to be an electrical isolation points between strip and the mounting surface.
9. Pay attention to standard ESD precautions when installing the LED panel.
10. Damaged by corrosion will not be honored as a materials defect claim. It is the user's responsibility to provide suitable protection against corrosive agents such as moisture and condensation and other harmful elements.
11. Waterproof LED panel , please note waterproof wiring department
12. LED panel can't be used as support, you need fixed in the frame, fixed to the wall, otherwise, may cause deformation.