

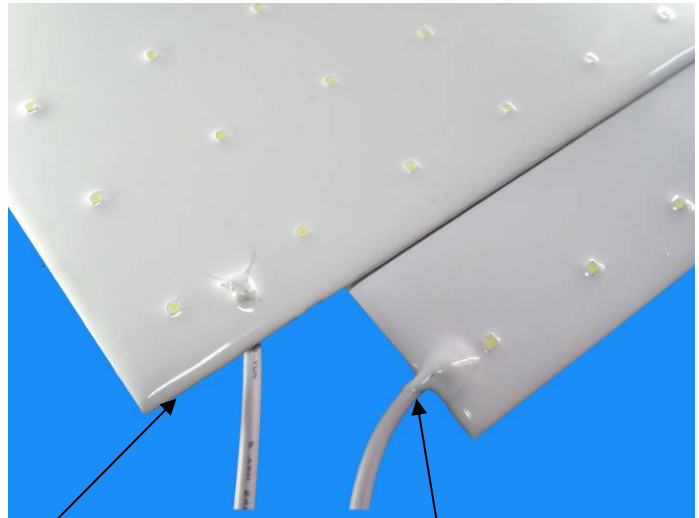
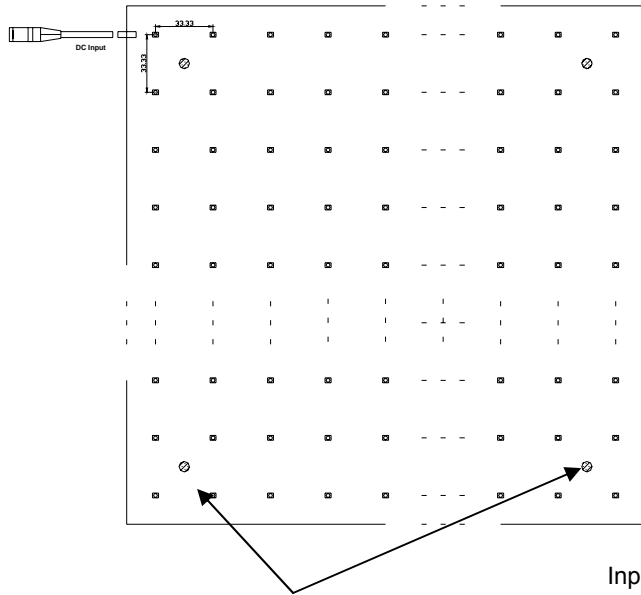
Description: High luminous efficiency of the economical RX-ALF3528 Series LED panel, High efficiency energy-saving environmental protection, long life, safe, reliable, ultra-thin, waterproof advantages. Mainly used for advertising light box backlighting, signs. Especially suitable for metro, stations, airports, shopping malls and other high-end advertising backlight.

| | |
|---|--|
|  | <p>Features:</p> <ol style="list-style-type: none"> 1. High intensity SMD3528 LED, Luminous efficiency of more than 110lm / W 2. Integrated waterproof design, safe and reliable, attractive appearance 3. High efficiency cooling, the relative temperature rise is less than 5°C 4. Ultra-thin, the thickness is less than 3.5mm. 5. Dimming can synchronize large area 6. Lifetime is up to 50, 000 hours <p>Scope of application: Apply to lighting, advertising signs backlight. Direct replacement of the same size of the ceiling, Advertising light box.</p> |
|  | <p>Mechanical Specifications: Main Material: Aluminum, Modified Epoxy, LED Dimensions (W x L): 30CM, 40CM, 50CM, 60CM Height (thickness) : ≤3.5mm Operating Temperature: -20°C~55°C Weight: 2KG (60X60cm) IP Grade: IP67</p> <p>Electronical Specifications: Input Voltage: 12VDC Output Brightness: 5.5LM – 6.5LM / LED white</p> <p>China Patent No.: ZL200820131053 ZL200820132702</p> |

| MODLE | Dimensions (W X H) | LED QTY | IlluminanceLux | | | luminous flux Lumen | Power | Input |
|------------------|-------------------------|---------|----------------|-----------|-----------|-------------------------------|-------|-------|
| | | | Spacing6cm | Spacing1m | Spacing2m | | | |
| RX-ALF3528 | 30x30cm | 81pcs | 3500 | 155 | 40 | 500 | 5.5W | DC12V |
| LED spacing 33mm | 30x60cm | 162pcs | 3600 | 280 | 72 | 1000 | 11W | DC12V |
| | 60x60cm | 324pcs | 3680 | 420 | 132 | 2000 | 22W | DC12V |

Note:
 Temperature Rise: +3°C/Relative environmental temperature
 The above figures: white LED color temperature 6000-7000K, the test temperature is 25 °C, the input voltage DC12V, LED aluminum lamp input wire length 20cm.
 when used as a backlight lamp with a minimum spacing of 5cm
 The red side-line is the anode or Center positive for stock .

Dimension



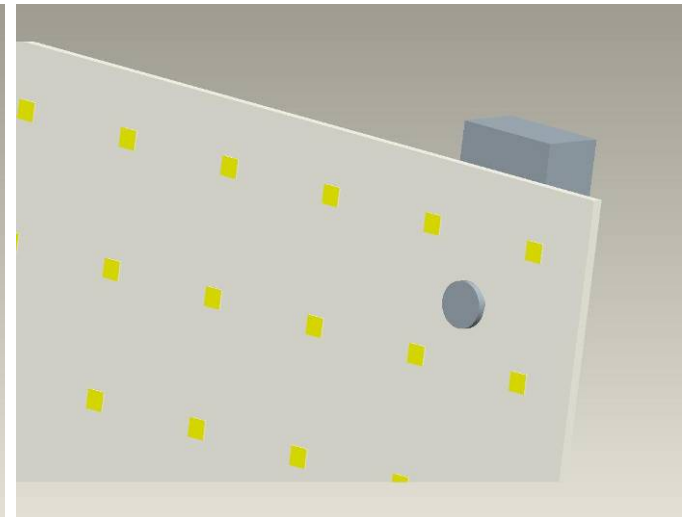
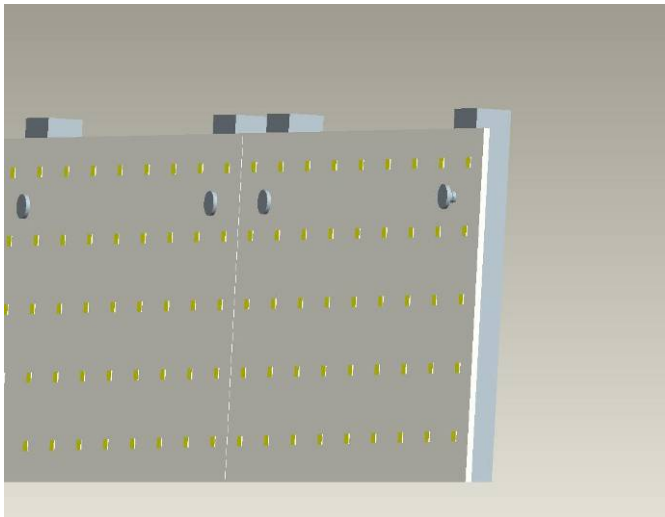
Input wire on the back

Input wire Front side

In this hole, the maximum hole of 8mm

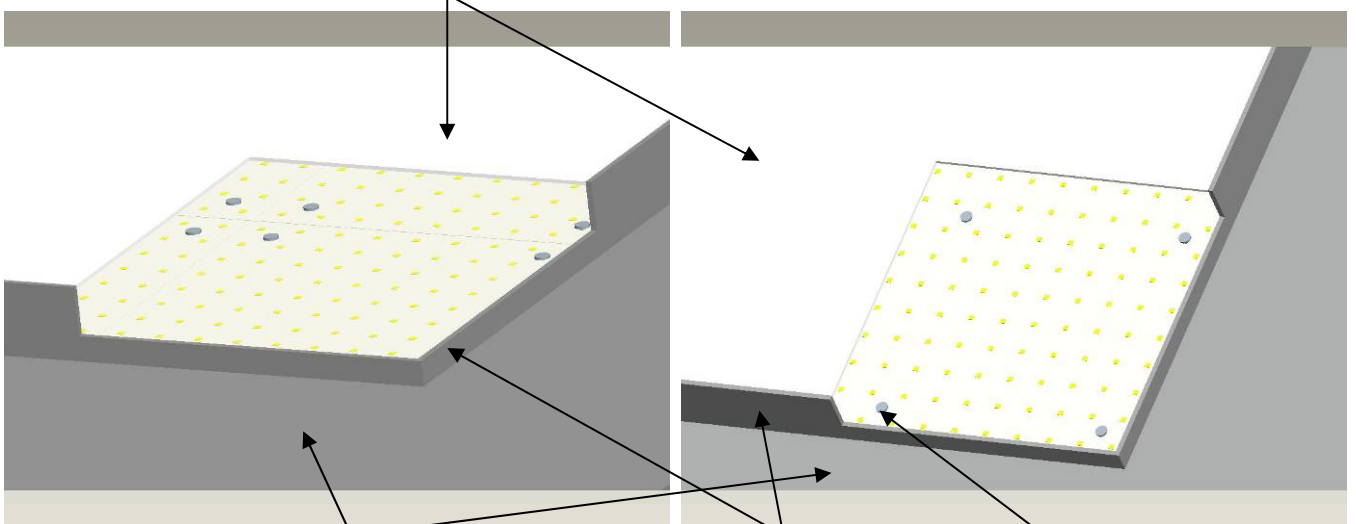
Note: Our standard is no holes, Input wire Front side, if you need to win the hole product, please specify.

Advertising backlight installation diagram



Covered with diffuser plate

Relative distance 5cm, to light evenly



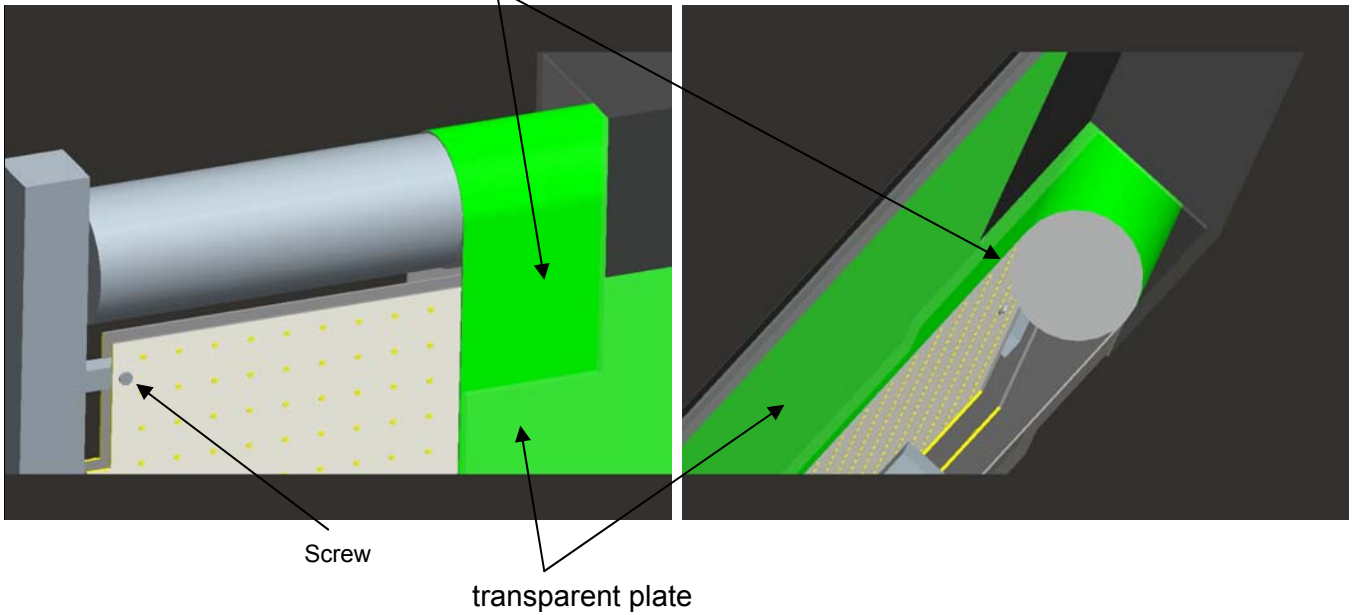
Flat wall

Advertising light box frame

Screw

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

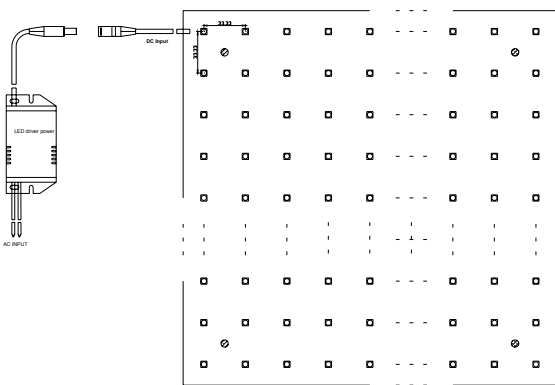
Advertising Print Plan - Light box advertising paper -light box covering fabric Relative distance 5cm, to light evenly



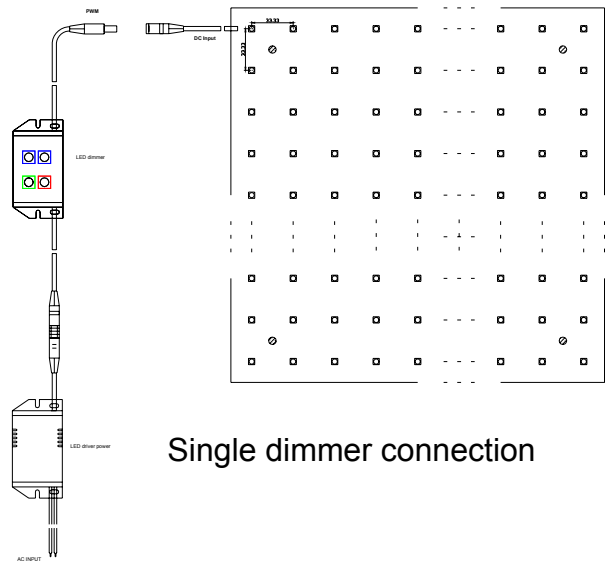
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Wiring diagram

1. Basic wiring diagram

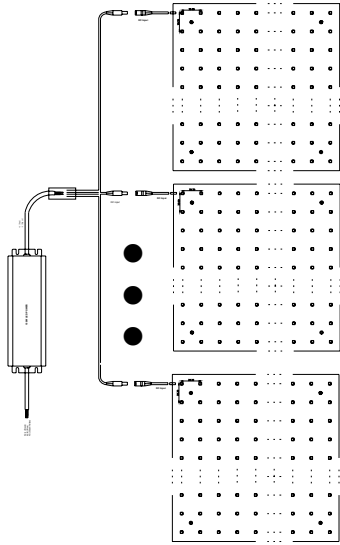


Single connection

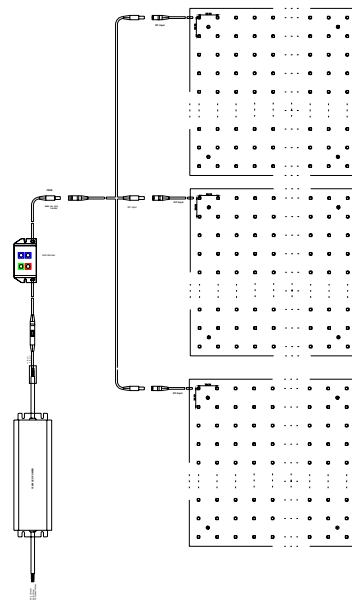


Single dimmer connection

2. Multiple LED ALU panel wiring diagram

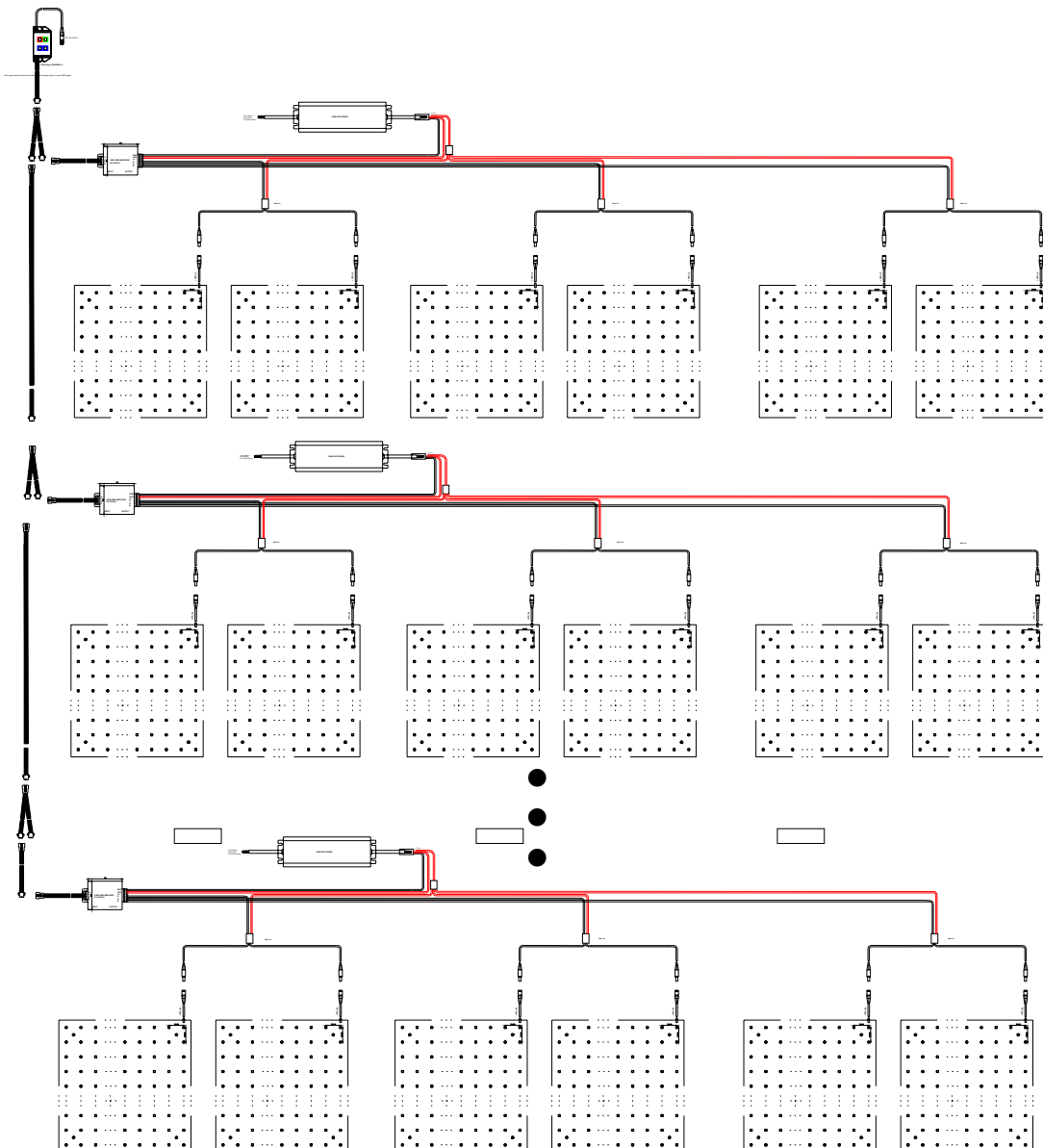


Multiple parallel wiring diagram



Dimmer wiring diagram

3. Simultaneous dimming Multiple-LED-ALU-panel



Safety Information

- 1.The LED aluminum 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 aluminum panel (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 ALU panel.
- 7.Please ensure that the power supply is 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 aluminum 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 aluminum panel , please note waterproof wiring Department

Please be sure you choose right AC/DC power adaptor to drive LED aluminum 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, we will not warranty.