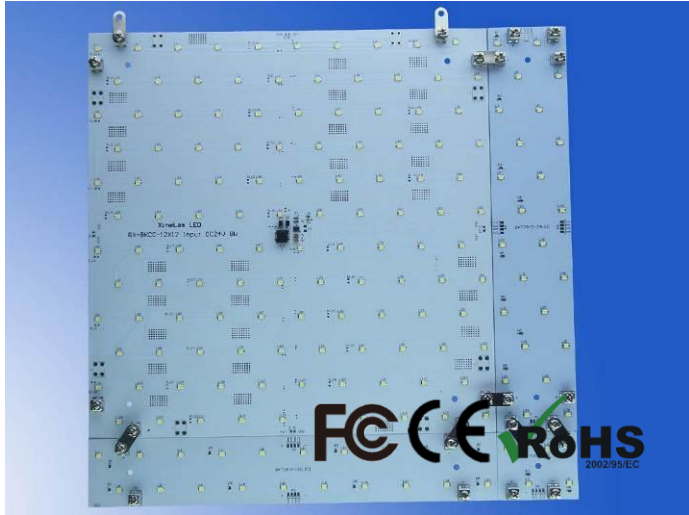


**Description:** RX-BKCC series Direct type LED module, Up to 60A of Current Conveyance (Double terminal block connector), Continuous stitching 180pcs 12 "x12" LED module-180ft<sup>2</sup> (16m<sup>2</sup>), Maximum length of 180ft 54 meters in series connection, without soldering, without any additional cable, The unique triangular design yields the most illuminating coverage as well as balanced and evenly lit back panels. using the TOP SMD3528 LED, long life and so on. with constant current technology, Ideal backlight-light source, Backlighting for large-scale projects; also be used for home decorative lighting, Do your own energy-saving lighting project.



**World first**  
**Luminous efficiency**  
120Lm/W DC24V

**Dimension**  
4 sizes of interlocking  
and connectable

**High brightness**  
10820Lm / m<sup>2</sup>

**New design**  
**LED arrangement**  
spacing 30.4mm

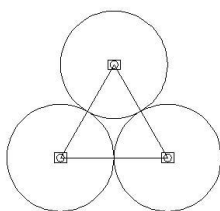
**LED to face distance**  
> 38mm/1.5"

**Stitching Size 16m<sup>2</sup>**  
No additional  
connection wires

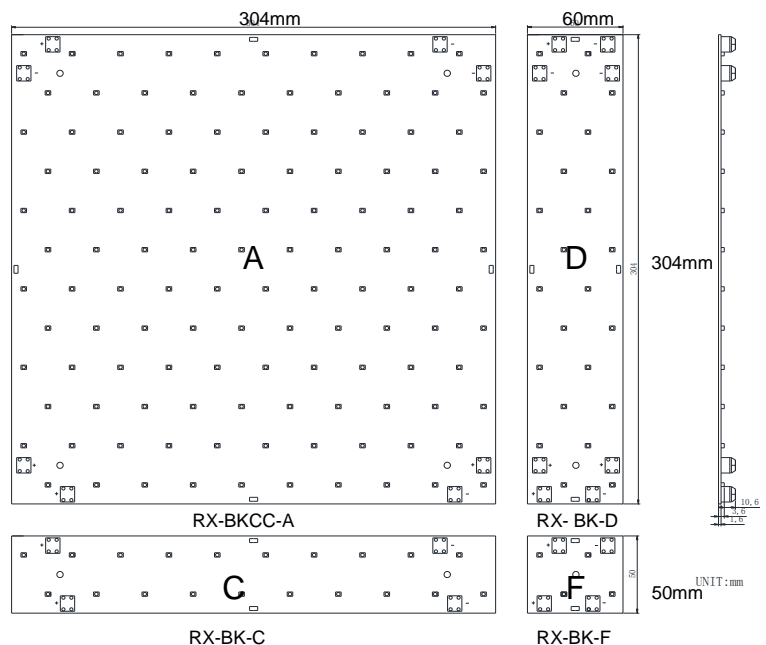
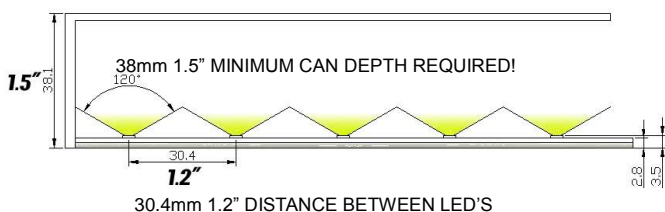


Application specs	
Brightness	8.5Lm / LED
Default Colors	CW6000~6500K
Other colors	WW2700~3200K NW4200~4700K
CRI	> 75 (Option >85)
Application Environment	Dry Locations
Operating Temperature	-22°F~122°F (-30~50°C)
Electrical specs	
Power	0.07W / LED
Input	DC 24V
Warranty	3 years
Certification	CE RoHS FCC

Dimension



New design Balanced Light Distribution  
NO HOT SPOTS!



Data sheet

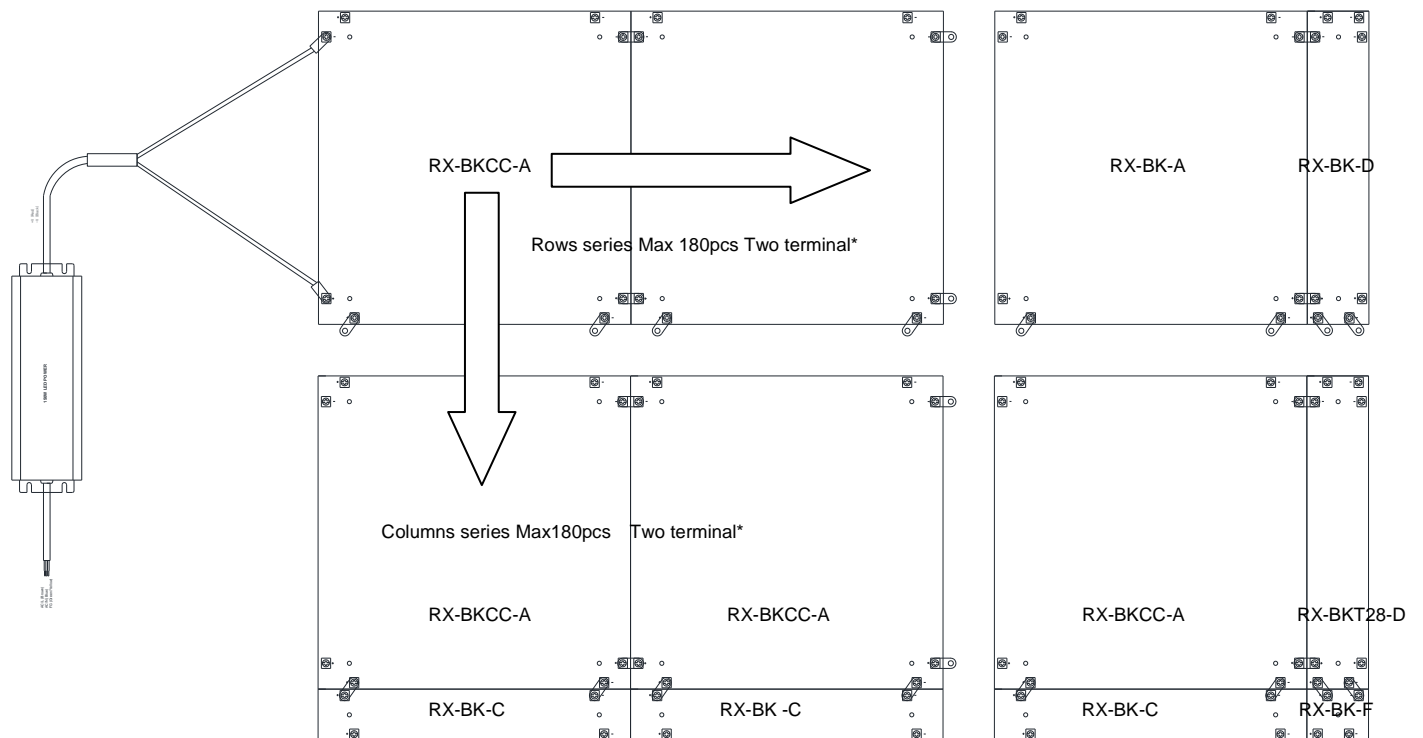
MODEL	Dimension LED QTY	Lumen	Power DC Input	Stitching Size No additional connection wires	LED spacing Brightness/ m <sup>2</sup>	Comment
RX-BKCC-A-24V	304x304mm 120LED	1000Lm	8.4W 24V	90pcs 8m <sup>2</sup>	<b>30.4mm</b> Min. Cabinet Depth* 38mm  90W / m <sup>2</sup> 10820Lm / m <sup>2</sup>	Built-in constant current inductive step-down High efficiency
RX-BK-D-24V	60x304mm 24LED	200Lm	1.9W 24V	90pcs 1.6m <sup>2</sup>		Limiting resistor!
RX-BK-C-24V	304x50mm 20LED	170Lm	1.7W 24V	90pcs 1.3m <sup>2</sup>		Limiting resistor!
RX-BK-F-24V	60x50mm 4LED	34Lm	0.48W 24V	90pcs 0.27m <sup>2</sup>		Limiting resistor!

The above table data testing at room temperature is 25 °C, test voltage DC24V, Temperature rise +10 °C

LED color temperature 6000-6500K, CRI > 75 , Life 50000hours@25 °C

\*Minimum distance required from Panel to face. Calculated with 2447 milky white acrylic with no graphics, Depth on faces with graphics can have thinner cabinet depths, Consult with XineLam for samples and depth demonstrations. Special sizes, Consult with XineLam Reps and Distributors

Mosaic splicing diagram:



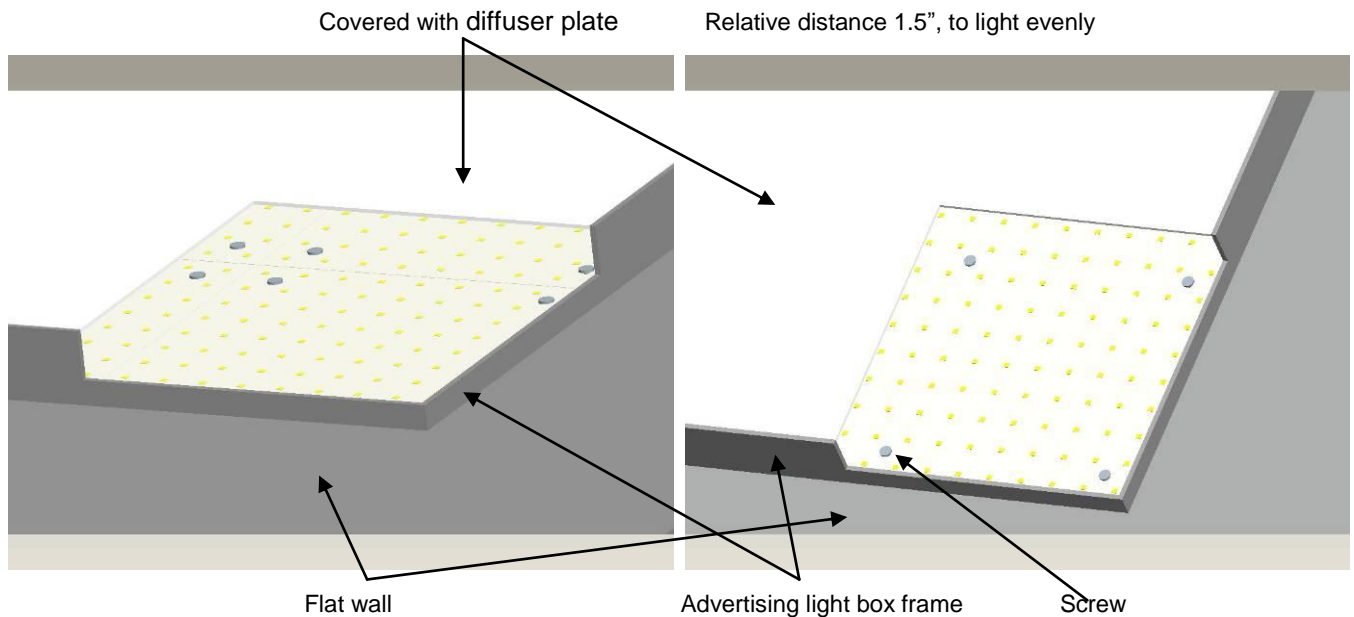
Note: The default criteria are: 1 terminal 30A , Maximum connections 90pcs.

2 terminals require customization. Please Consult with XineLam Reps and Distributors

Row and column totals; must be less than the number of LED module can be spliced.

Please note that the back of the terminal insulation. Or use Sponge double-sided adhesive tape

## Advertising light boxes backlight installation diagram



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

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 module panel. If you have difficulty to buy such adaptor locally, please turn to us.

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

### Safety Information

1. The LED module 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 module (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 module.
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 module.
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 module.
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. Non Waterproof LED module
12. LED module can not be used as support, you need fixed in the frame, fixed to the wall, otherwise, may cause deformation.