

# LED COVE LIGHT

## INSTRUCTION OF LED COVE LIGHT

The products are mainly used in indoor decoration lighting, especially for the application of the cove and ceiling. This series of products is divided into two kinds of working modes: static color and color changing.

### A. Specification

#### A-1. Structure:

Materials Of Shell: Aluminum + PC Cover  
 Rotary Angle: 150°  
 Operating Voltage: 24V DC  
 Protection Rating: IP20  
 Operating Temperature: -20°C~40°C



LED Cove Light-12P

#### A-2. Model Configuration Table:

| Model No.          | LED Color      | LED Quantity | Power Consumption | Input Voltage | Size           | Weight    | ✓ |
|--------------------|----------------|--------------|-------------------|---------------|----------------|-----------|---|
| LED Cove Light-12P | R/G/B/ WW/CW/W | 12           | 8 WATTS           | 120V/240V AC  | L300xW40xH45mm | 0.35kg±5% |   |
| LED Cove Light-24P | R/G/B/ WW/CW/W | 24           | 15 WATTS          | 120V/240V AC  | L600xW40xH45mm | 0.75kg±5% |   |
| LED Cove Light-12P | R/G/B/ WW/CW/W | 12           | 8 WATTS           | 24V DC        | L300xW40xH45mm | 0.35kg±5% |   |
| LED Cove Light-24P | R/G/B/ WW/CW/W | 24           | 15 WATTS          | 24V DC        | L600xW40xH45mm | 0.75kg±5% |   |

### B. Working Mode

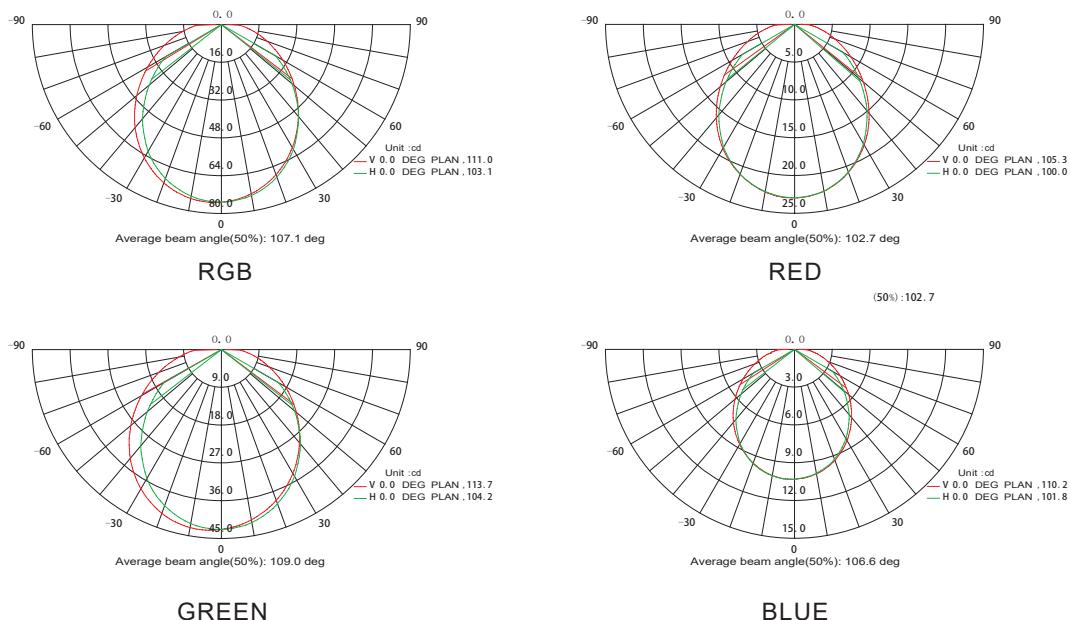
B-1. Static color: Built-in constant current power supply. (\*Note: Connectors matching)

B-2. Changing color: The signal of this fixture is SPI system (shift storage). There are 2 control systems for three channels (RGB) fixtures: Video & DMX.

### C. Photometric Parameter

#### C-1. Cadela Distribution

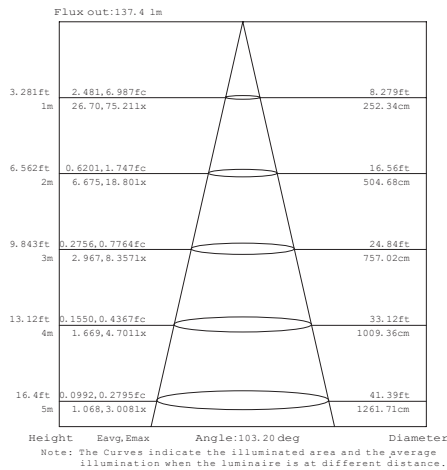
LED Cove Light-12P



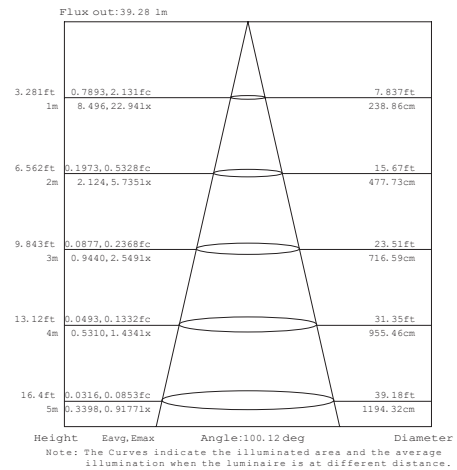
# LED COVE LIGHT

## C-2. Illuminance At A Distance

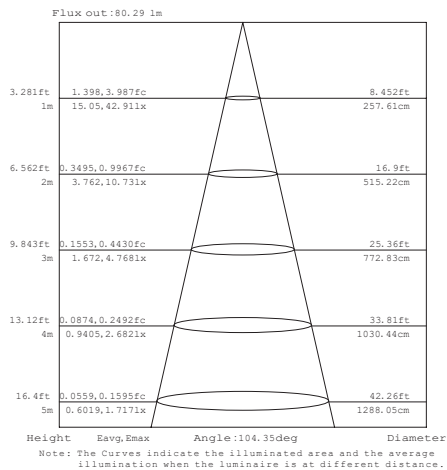
### LED Cove Light-12P



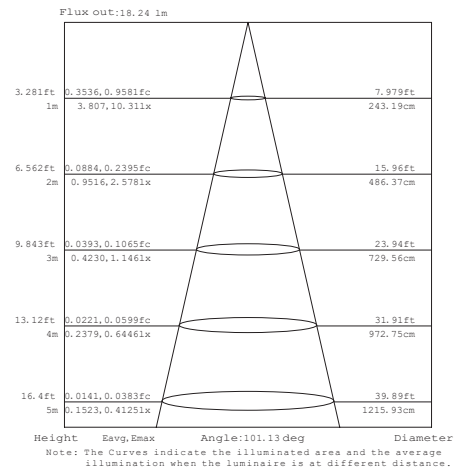
RGB



RED

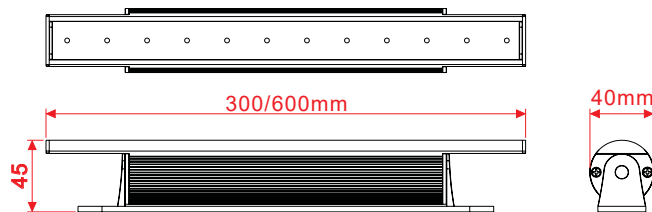


GREEN



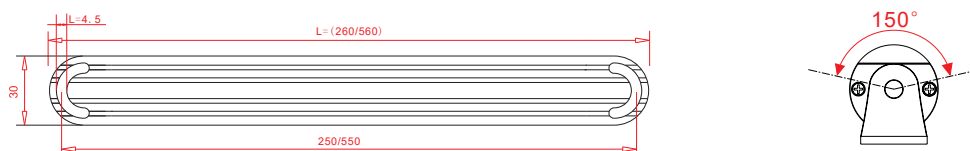
BLUE

## D. Dimension Drawing



## E. Installation Drawing

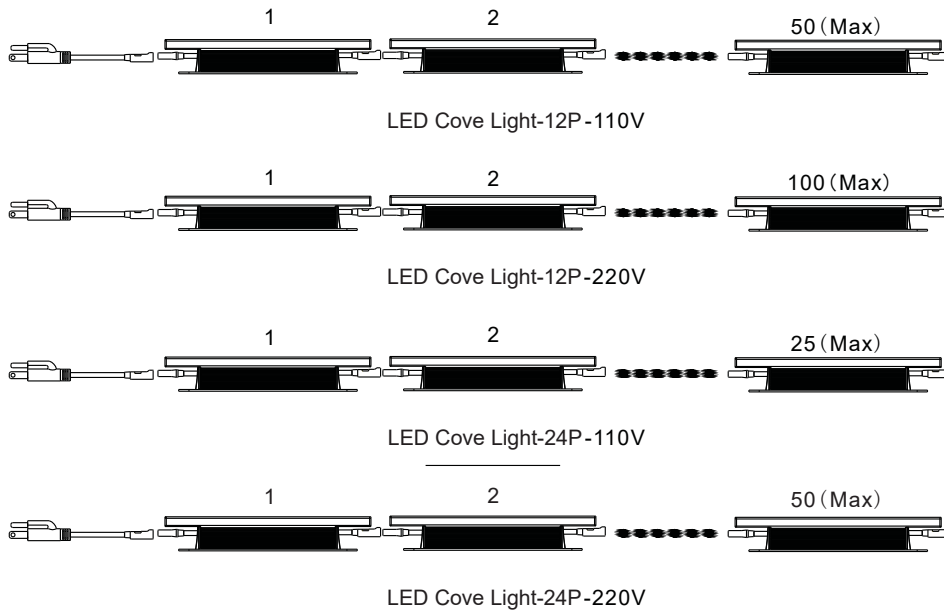
- E-1. Use M4 screws to fix the base. The mounting size as below:
- E-2. Angle adjustment: Rotating lightbody directly.



# LED COVE LIGHT

## F. Connection

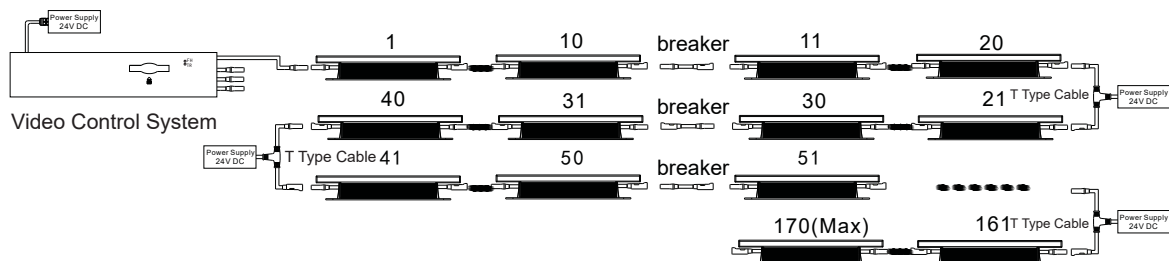
F-1. Static color in high voltage connection instruction :



Static Color: max connection QTY

| Model No.          | Input Volt. | Connection Qty (Max) |
|--------------------|-------------|----------------------|
| LED Cove Light-12P | 110V        | 50PCS                |
|                    | 220V        | 100PCS               |
| LED Cove Light-24P | 110V        | 25PCS                |
|                    | 220V        | 50PCS                |

F-2. Video control connection instruction:



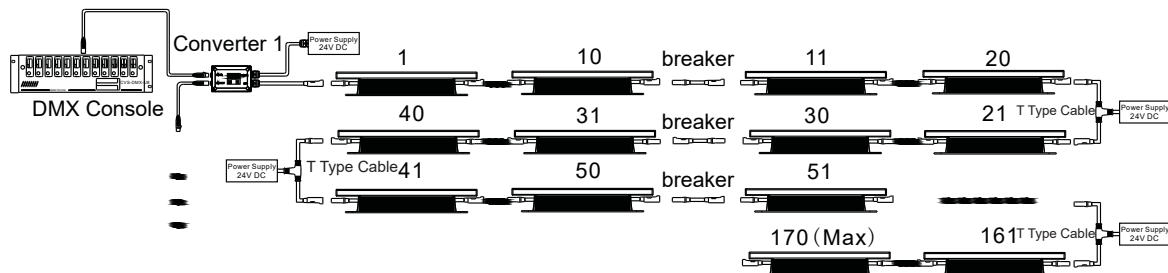
Video Control: max connection QTY

| Model No.          | Input Volt. | Power Connection(Max) | Signal Connection Qty(Max) |
|--------------------|-------------|-----------------------|----------------------------|
| LED Cove Light-12P | 24V         | 20PCS                 | 512PCS                     |
| LED Cove Light-24P | 24V         | 10PCS                 | 512PCS                     |

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## F-3. DMX connection instruction

DMX to SPI signal controller function: The initial address and end address can be set by the digital board, a controller can load 170 pcs 3 channels fixtures max, it can achieve maximizing application and save cost. Support international standard DMX 512 console only.



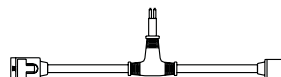
DMX Control: max connection QTY

| Model No.          | Input Volt. | Power Connection(Max) | Signal Connection Qty(Max) |
|--------------------|-------------|-----------------------|----------------------------|
| LED Cove Light-12P | 24V         | 20PCS                 | 170PCS                     |
| LED Cove Light-24P | 24V         | 10PCS                 | 170PCS                     |

Regular data sheet:



Partition Cable



T Shape Cable

### Caution:

1. Do not plug them into power when the product is still in package ;
2. Don't use anything to cover the fixture during application
3. Don't use this product in close environment
4. If this product appears to be damaged, do not attempt any repair, please contact your dealer.

### Warning:

- \* The products are only for indoor use !!!
- \* Please ensure the ground connection so as to avoid the electric shock.
- \* Application in close environment is prohibited.

Note: The above instruction are subject to update or improved without notice. Pls turn to our staff for further details !  
Thanks for your long term support !