

Datasheet

Product name: 3W CREE backlight LED module (3 pieces/unit)

Part No.: OLLBN.3.0W1-HP,yn



Parameters:

Brand: Micros

Product name: **3W CREE LED module (3 pieces/unit)**

Light source: CREE XP-E LED

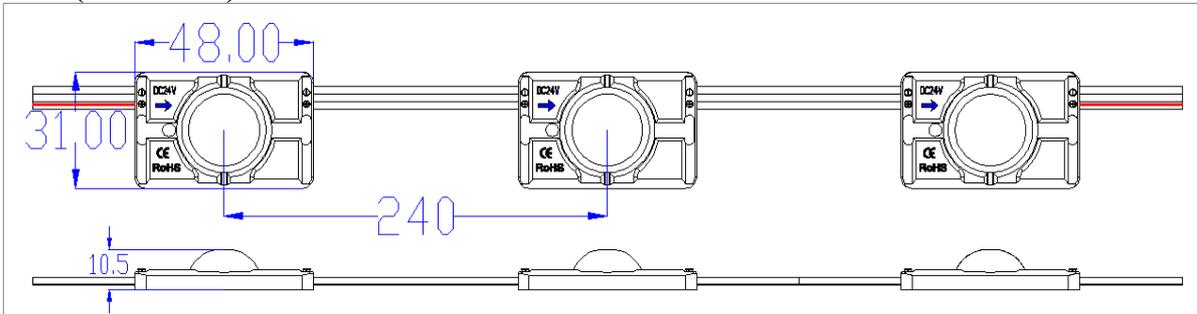
Application: Lighting box, counter, indoor projects, etc.

Dimension: 48mm*31mm*10.5mm

Warranty

5 years or 50,000 hours which comes first.

Dimension (millimeter)



- Constant current driving.
- 3 modules/unit, each 3 modules can be cut.
- High light efficiency, low power consumption, even light, high color index, energy-saving, easy installation.
- Adopting ultra brightness CREE XP-E LED, long lifespan, and uniform light color & brightness.
- Big viewing angle over 160° is good for back light.
- Appropriate for single-side lighting box, depth over 10cm.
- Recommended modules space 200*200mm in installation.
- Nice looking, top grade, easy installation.

Parameters

Part No.	Emitting color	Input voltage	Luminous flux (lm/led)	Power/ led	Color temperature or dominant wavelength	Viewing angle
OLLBN.3.0W1-HP,yn	Pure White	DC12V	200 (lm/led)	3W	6000-6500 K	160°

Note:

- 1、 Testing at ambient temperature: 25±2℃;
- 2、 Above data are typical values. The real test results may be a little different from the typical values. If there is any change with the product, we won't inform again.

Other parameters

- 1、 Waterproof IP rate: IP 65.
- 2、 Standard modules space: 240mm
- 3、 Fixing by: thermal conductive double-sided adhesive and screws
- 4、 Working ambient temperature: -20℃ ~ +60℃

Micros

Application

This product is mostly appropriate for back light in advertising light box, bus station light box and showing case.



Metro station



bus station



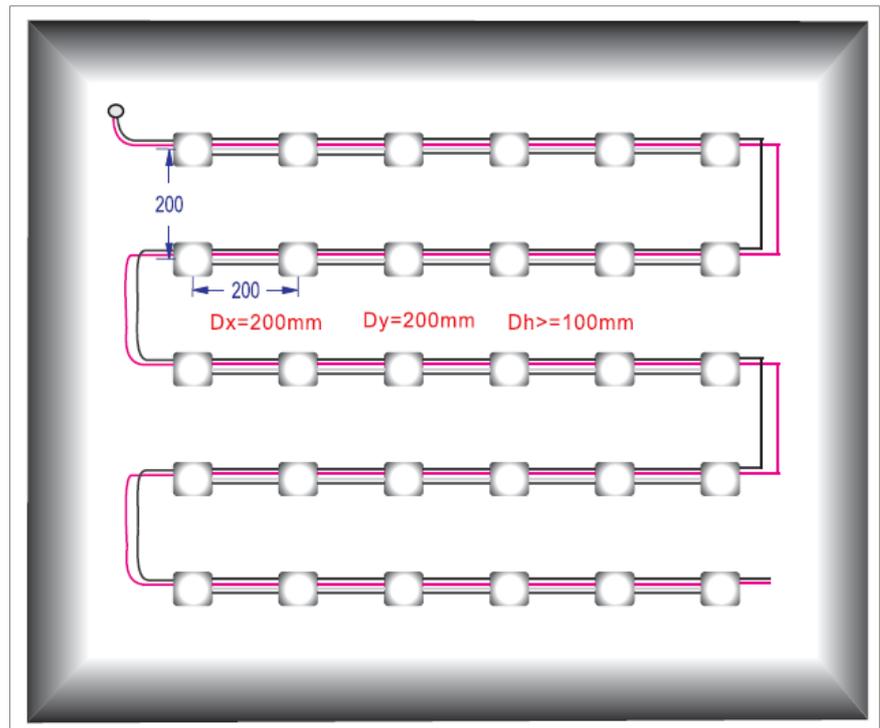
Airport

Installation

- 1、 **Light box depth 10cm**
- 2、 **Cloth cover light**
Transmission 50%
- 3、 **Box sides treatment:**
paint white or make light reflect.

Results:

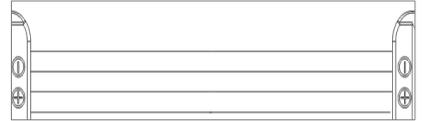
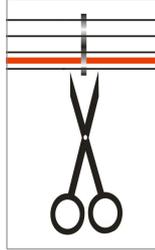
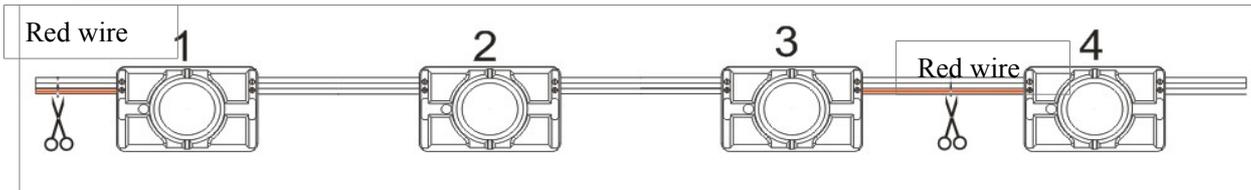
- LED transverse space: 20cm**
- LED longitudinal space: 20cm**
- LED density: 25 LED/m²**
- Lux at box surface**
2000-2500 Lux
- Even light**



Installation notices:

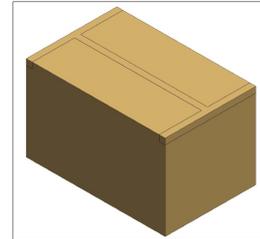
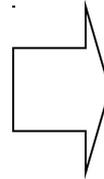
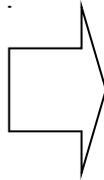
1. The white wires between modules cannot be cut. Only cut at the red wires.
2. Installed with thermal conductive double-sided adhesive, not 3M adhesive.
3. This product must be fixed on heat conductive materials such as aluminum, iron, etc.

Micros



Red wires can be cut. White wire cannot be cut

Packaging (mm) :



Package:

*18pcs per string, 72pcs per bag, 15.27g per piece, 1.1kg per bag, 16bags per carton, 19.2kg per carton.