

## Datasheet

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

**Part No.: OLLBN.3.0W1-HP.yw**



**Parameters:**

Brand: Micros

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

Light source: CREE XP-E LED

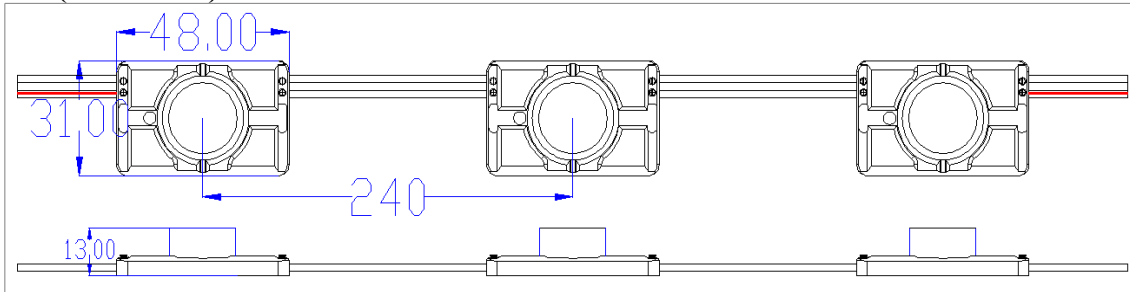
Application: Lighting box, counter, indoor projects, etc.

Dimension: 48mm\*31mm\*13mm

Warranty

5 years or 50000 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.
- Viewing angle 38° is good for side light.
- Appropriate for double-side lighting box, depth over 20cm.
- 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.yw	Pure White	DC12V	200 (lm/led)	3W	6000-6500 K	38°

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℃

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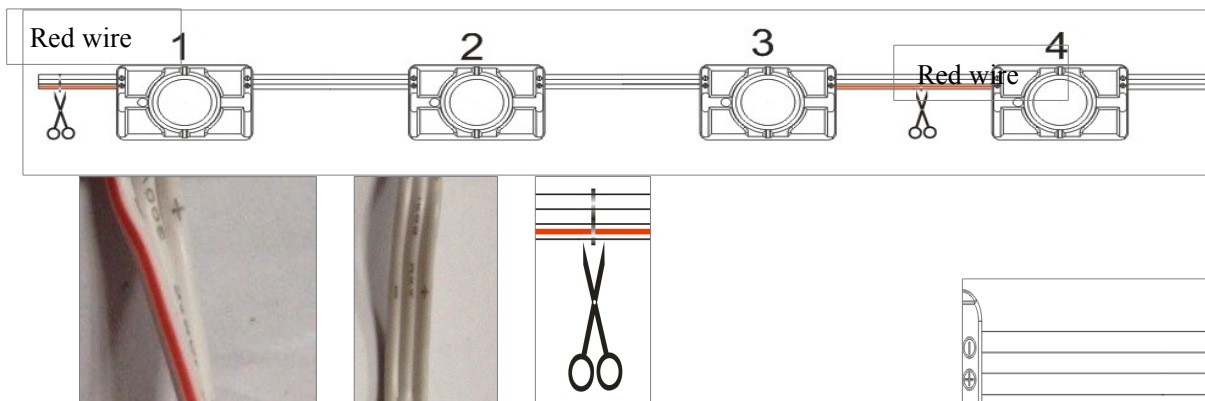
## Application

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



## 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.

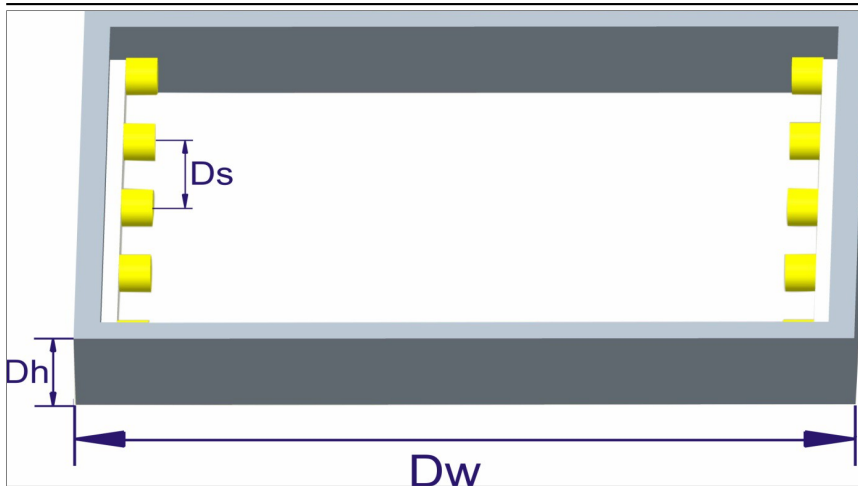


Red wires can be cut. White wire cannot be cut

## Installation instruction

1. the lighting box cover need be white cloth.
2. Box width  $D_w$ ,  $D_w = 800\text{mm} \sim 1600\text{mm}$
3. Box depth  $D_h$ ,  $D_h = 150\text{mm} \sim 300\text{mm}$
4. LED space  $D_s$ . Recommend  $D_s = 100\text{mm}$ .

# Micros



Lighting box surface	Depth (Dh)	LED Space	Box width (Dw)	LED density (pcs/m <sup>2</sup> )	Lux at surface (lux)
White cover	Dh=150mm -300mm	100mm	800mm	22.5	1200-1600
			1000mm	18	1000-1200
			1200mm	15	750-900
			1400mm	13	550-700
			1600mm	11	450-550

Note: it's OK to add more LEDs for more light.

Packaging (mm) :



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