**Color tunable and dimmable LED Panel light**

—Bluetooth control version

BL-PSDAWRE6060-X40W
BL-PSDAWRE3012-X40W
BL-PSDAWRE6012-X50W

**Description**

LED Square Panel Light. Using Light Guide Plate, it has the feature of uniform and smooth light beam, low glare rating, low light pollution, and excellent protection from eyestrain. It can be widely used as interior lighting in shops, supermarkets, malls and hospitals, etc.

**Features**

1. **Visual uniformity**
   - The edge-lit LED panels blend with various ceiling details and produce soft natural light
2. **Low glare lighting**
   - The edge mounted LEDs give even glare free special illumination, it produces a comfortable lighting environment.
3. **LED efficiency**
   - High lumen LED efficacy paired with high power factor drivers reduce operating cost.
4. **Luminaire construction**
   - A powder coat painted extruded aluminum frame encompasses the perimeter of multi-layered acrylic panel system. The fireproof metal junction box is attached at the backside of the panel light.
5. **Cost and energy saving**
   - 50% more energy saving effect than fluorescent tubes.
   - Low heat generation, extra energy saving effect through reduction of HVAC load.
   - Easy installation: only 3 steps in 2 minutes, labor cost saving
   - Around 9mm lamp body with very light weight, space and transportation cost saving
6. **Long life time**
   - More than 50,000 hours life time and 5 years warranty.
7. **The panel light is controlled by a smart wireless dimming LED driver, with Bluetooth signal. It supports APP (both iOS system and Android system), remote controller and dimmer panel control. You can easily get the color and the brightness you want with this control system.
Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>CCT</th>
<th>SIZE (feet)</th>
<th>Color</th>
<th>LED Type</th>
<th>Lumen (lm) (±10%)</th>
<th>Beam angle</th>
<th>Power (W)</th>
<th>Voltage (V)</th>
<th>Dimmer</th>
<th>Current (A)</th>
<th>PF</th>
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<tbody>
<tr>
<td>BL-PSDAWRE6060-X40W</td>
<td>3000K</td>
<td>2’x2’</td>
<td>warm white</td>
<td>2835</td>
<td>4000 lm</td>
<td>&gt;80</td>
<td>110°</td>
<td>AC100-277V 50/60Hz</td>
<td>bluetooth</td>
<td>0.5</td>
<td>&gt;0.95</td>
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<tr>
<td></td>
<td>4000K</td>
<td></td>
<td>natural white</td>
<td></td>
<td>4140 lm</td>
<td>&gt;80</td>
<td>110°</td>
<td></td>
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<tr>
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<td>5000K</td>
<td></td>
<td>cool white</td>
<td></td>
<td>4120 lm</td>
<td>&gt;80</td>
<td>110°</td>
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<td>2835</td>
<td>4040 lm</td>
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<td>AC100-277V 50/60Hz</td>
<td>bluetooth</td>
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Applications

Square Panel Light can be used in hotels, meeting rooms, factories, offices, commercial purposes, residential, institution buildings, schools, hospitals, places which needs energy saving and high color rendering index lighting.

Dimensions (Unit: feet)

2x2 feet

All dimension tolerance is ±0.5mm unless otherwise noted.
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Electrical Connection
Installation Instructions

Embedded Installation

1. Tool
   - Phillips screwdriver
   - Straight screwdriver

2. Drill hole
   - Remove plasterboard
   - Make sure the hole matches the dimension
   - Plasterboard

3. Power on
   - Open upper cover and side hole of power supply

4. Rotating buckles
   1. Unscrew the bracket, make it perpendicular to the lamp.
   2. Rotate the bracket by 90°

5. Connect input wire
   - The white line by N, the black line by L, and the yellow line by G

6. Cover top cover of power supply
   - Cover the top cover of power supply and fix the top cover of power supply on power supply box via screws.

7. Put the lamp into ceiling
   - Put the lamp into ceiling, take the keelframe with bracket

8. Installation finish
   - Complete the installation

How to control

1. Control the panel light by APP with your Phone and Ipad. See the spec for app.

2. By remote controller SC-RC01B-K9-HA (for option), see the spec for remote controller

3. By remote panel SC-RC02B-K5-PA (for option), see the spec for remote panel

Product packaging information:

<table>
<thead>
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<tbody>
<tr>
<td>Net weight/PC</td>
<td>3.0kg</td>
<td>Net weight/PC: 3.0kg</td>
<td>Net weight/PC: 6.0kg</td>
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<tr>
<td>gross weight/CTN</td>
<td>15kg</td>
<td>gross weight/CTN: 17kg</td>
<td>gross weight/CTN: 28kg</td>
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<tr>
<td>Inner size</td>
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<td>Inner size: 1256X349X108mm</td>
<td>Inner size: 1255X647X94mm</td>
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<tr>
<td>Carton size</td>
<td>670X675X240mm</td>
<td>Carton size: 1280X240X375mm</td>
<td>Carton size: 1290X680X220mm</td>
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