CCT DIMMING

Change the lighting mode according to your mood!
CCT, Brightness Adjustable LED Panel Lights.

Applications: Offices / Classrooms / Malls / Hotel / Lobbies / Back of house / Restaurants / Bus Stations / Medical Facility

www.culturelighting.com  ph 317-471-1129
Technical Specification

Features & Benefits:

- 0-10V dimmable and 2.4G Wireless & CCT dimmable LED Flat Panel
- CCT adjustable from 3000K-3500K-4000K-5000K
- No need any wire connections
- UL/cUL with isolated external power supply
- LED Source: SMD2835 0.5W, CRI>80, LM80 report
- High Quality LGP, Imported from Taiwan,
- Anti-Yellow
- 5 years warranty

Input Voltage: AC100V ~ 277V 50Hz ~ 60Hz
THD: ≤ 15 %
PF: >0.95 Non-flicker
Power Efficiency: >90 %
Beam Angle: 120°
Material: Aluminum+ High Quality LGP
Working Temperature: -20 °C ~ +45 °C
Storage Temperature: -25 °C ~ +65 °C
IP Grade: IP40
Working Life-span: 50,000H
<table>
<thead>
<tr>
<th>Model</th>
<th>Watt</th>
<th>Input Voltage</th>
<th>Lumens</th>
<th>LEDs</th>
<th>Size(mm)</th>
<th>CCT</th>
<th>N.W</th>
</tr>
</thead>
<tbody>
<tr>
<td>CULT-40W-66-28-CCT-07</td>
<td>40W</td>
<td>AC 100-277V</td>
<td>100-110 lm/W</td>
<td>SMD 2835</td>
<td>2 * 2 ft</td>
<td>3000K-5000K</td>
<td>3.7 kg/pc</td>
</tr>
<tr>
<td>CULT-40W-123-28-CCT-07</td>
<td>40W</td>
<td></td>
<td></td>
<td></td>
<td>1 * 4 ft</td>
<td></td>
<td>3.8 kg/pc</td>
</tr>
<tr>
<td>CULT-50W-126-28-CCT-13</td>
<td>50W</td>
<td></td>
<td></td>
<td></td>
<td>2 * 4 ft</td>
<td></td>
<td>7.2 kg/pc</td>
</tr>
</tbody>
</table>
CCT can be adjusted between 3000K-5000K as you wish.
Brightness Dimming:

1. Step Dimming
2. Continuous Dimming

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A remote-controller maximum can control 4 groups of lamps, but the numbers of lamps of each group is unlimited.
### THE HANDHELD REMOTE CONTROLLER

<table>
<thead>
<tr>
<th>Action</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ON</strong></td>
<td><strong>OFF</strong></td>
</tr>
<tr>
<td><strong>ID</strong></td>
<td></td>
</tr>
<tr>
<td><strong>1</strong></td>
<td><strong>2</strong></td>
</tr>
<tr>
<td><strong>Delay turn-off</strong></td>
<td></td>
</tr>
<tr>
<td><strong>ALL</strong></td>
<td></td>
</tr>
<tr>
<td><strong>5000K</strong></td>
<td><strong>4000K</strong></td>
</tr>
<tr>
<td><strong>△</strong></td>
<td><strong>▼</strong></td>
</tr>
</tbody>
</table>

* After turned on, the light will automatically detect the 0-10v dimmer to set brightness, it will get 100% brightness if no dimming signal to input the light.

* If use 0-10V dimmer to control, light brightness will convert to 0-10V dimmer’s current setting brightness.

* If use remote controller to control, light brightness will only change from its current brightness rather than remote controller’s current setting brightness.
THE WALL TYPE REMOTE CONTROLLER

**Lights code matching combination keys**
Pressing the buttons "ON" + "OFF" simultaneously to keep remote controller’s indicator light always on, turn on the light for 2 Seconds then loosen the combination keys, matching code finished. Matching code with many lights at the same time is available.

**Brightness adjustment**
Press the CCT button, color temperature will circularly change among 3000K/3500K/4000K/5000K. After shutting down it will save the current color temperature.

The matching method of hand-hold remote controller and wall-type remote controller

<table>
<thead>
<tr>
<th>NO</th>
<th>Grouping</th>
<th>Hand-hold controller</th>
<th>Wall-type controller</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>1 + ID</td>
<td>ON+CCT</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>2 + ID</td>
<td>ON+CCT</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
<td>3 + ID</td>
<td>ON+CCT</td>
</tr>
<tr>
<td>4</td>
<td>4</td>
<td>4 + ID</td>
<td>ON+CCT</td>
</tr>
<tr>
<td>5</td>
<td>ALL</td>
<td>ALL + ID</td>
<td>ON+CCT</td>
</tr>
</tbody>
</table>

* After 10 Seconds of each operation, it will enter the standby power saving mode. If you need to adjust again, please press the ON button, it works after the indicator flashes.
Wire Connection

Wiring of panel light with 0-10V dimmable driver

Panel light

X panel

Panel light

Panel light

DIMMER

Panel light

Panel light

X panel

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1. Remove ceiling plaster slab
2. Connect power supply
3. Fix the panel light into right place
4. Stabilize the panel

1. A. Fix the anchor into target place on the ceiling.
   B. Fix the installation mount on the ceiling with plastic anchor.
2. Hang the panel to ceiling suspending installation kits
3. Adjust the length of steel wire. Connect the power supply

1. Take both profile A and B from accessory pack.
3. Fix semi-finished frame onto ceiling with screw (Plastic anchor for concrete ceiling only).
4. Slide panel into frame properly.
5. Fix the last piece of aluminum profile with screw after panel is well placed.