3W RGB (GU10/E27)

- Color changing by IR remote controller
- R/G/B can be adjusted individually with 20-scale
- May store up from decide the colors or mode and recall anytime
- Support R/G/B true color changing gradually
- Support AC synchronous color changing

**Absolute Maximum Ratings**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Parameter</th>
<th>Rating</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED Junction Temperature</td>
<td>Ti</td>
<td>150</td>
<td>°C</td>
</tr>
<tr>
<td>Plastic bottom Temperature</td>
<td>Tg</td>
<td>40</td>
<td>°C</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>Toper</td>
<td>-30-40</td>
<td>°C</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>Tstg</td>
<td>-40-60</td>
<td>°C</td>
</tr>
<tr>
<td>Input Voltage (RMS)</td>
<td>Vrms</td>
<td>10-13</td>
<td>V</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>W</td>
<td>2-5</td>
<td>Watts</td>
</tr>
<tr>
<td>Heat sink temperature</td>
<td>Th</td>
<td>70 max</td>
<td>°C</td>
</tr>
</tbody>
</table>

**3W- RGB LED Specifications**

<table>
<thead>
<tr>
<th>PART NO</th>
<th>Current per color</th>
<th>R</th>
<th>G</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(mA)</td>
<td>Lux/1m</td>
<td>Luxat 1m</td>
<td>Lux at 1m</td>
</tr>
<tr>
<td>3W LED</td>
<td>300</td>
<td>40-80</td>
<td>60-70</td>
<td>15-20</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS:**

- **LIGHT SOURCE:** 3W power RGB LED
- **Life Time:** More than 50000 hours
- **OPTICS:** PC lens
- **LENs DIAMETER:** 35.8 mm
- **BEAM ANGLE:** 30°
- **NUMBER OF COLORS:** 16 mil ions
- **REMOTE CONTROL DISTANCE:** 8 meter max
- **TOTAL LENGTH:** 50.0 mm (including pins)
- **WEIGHT:** 60g (lamp only)
- **HOUSING:** Aluminum
- **BASE:** GU5.3/E27
- **SYNCHRONIZABILITY:** Non-synchronizable
- **DIMMERIBILITY:** Dimmable by remote controller
- **TEMPERATURE RANGE:** Ambient: -20°C to 40°C; Surface of Lamp: 40°C to 50°C
- **HUMIDITY RANGE:** 0 to 95% non-condensing humidity

**ELECTRICAL SPECIFICATIONS**

- **VOLTAGE REQUIREMENT:** 12V AC/DC, AC85-265V
- **LAMP POWER CONSUMPTION:** 3W
- **TRANSFORMER:** Low voltage magnetic or switching power supply to provide 12V AC or 12V DC. Optimized for 12V DC input voltage

**Remote Control Functions:**

1. **Button Power:** Turn on/off, recall last mode/color
2. **Button W:** White color control
3. **Button FLASH:** White Flash (default), R/G/B Flash
4. **Button STROBE:** 7 color smooth change mode
5. **Button SMOOTH:** 7 color smooth mixed change mode
6. **Button R:** Red color controls
7. **Button G:** Green color control
8. **Button B:** Blue color control