RGB LED lighting systems can control color effectively without the need for using expensive feedback systems involving light sensors.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Product</th>
<th>UL Part Number</th>
<th>Ordering Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>RGB Touch Controller</td>
<td>PL-CT-A02-A</td>
<td>P-C318</td>
</tr>
<tr>
<td>RGB Amplifier/Repeater</td>
<td>PL-GL-CT-B</td>
<td>P-A318</td>
</tr>
</tbody>
</table>

**CONTROLLER SPECIFICATIONS**

- **Supply Voltage**: 12V-24VDC
- **Loadable Current**: 6Ax3CH
- **Output Channels**: 3CH
- **Output Power**: 216W (12V)
- **Control Method**: RF
- **Connection Mode**: Common anode
- **Changing Number**: 18 color changing modes / 1 wheel (64 colors)
- **Dimming Method**: PWM (pulse width modulation)
- **Grey Steps**: 256 steps/channel
- **Protection**: The power input polarity protection
- **Working Temperature**: 14°F to 140°F (-10°C to 60°C)
- **Certifications**: CE, RoHS
- **Weight**: 0.84 lbs (380 g)
- **Packaging size**: 8.13" L x 5.35" W x 1.69" H (with remote included)

**REMOTE SPECIFICATIONS**

- **Working Voltage**: 4.5VDC
- **Remote Control Way**: RF
- **Launch Frequency**: 433Mhz
- **Controllable Distance**: >20 meters
- **Battery Type**: 3 pcs AAA type batteries
- **Standby Power**: 0.08mW
- **Power Consumption**: 6mW
- **Transmission Power**: 40mW
- **Key Power**: 6 touch keys, 1 touch wheel
- **Working Temperature**: 14°F to 140°F (-10°C to 60°C)
- **Certifications**: CE, RoHS
- **Weight**: 0.84 lbs (380 g)
- **Packaging size**: 8.13" L x 5.35" W x 1.69" H (with controller included)