

### 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

Parameter	Parameter	Rating	Units
LED Junction Temperature	Tj	150	• C
Plastic bottom Temperature	Tc	40	• C
Operating Temperature	Topr	-30-40	• C
Storage Temperature	Tstg	-40-60	• C
Input Voltage (RMS)	Vrms	10-13	V
Power Consumption	W	2-5	Watts
Heat sink temperature	Th	70 max	• C

#### 3W- RGB LED Specifications

PART NO	Current per color (mA)	R Lux@ 1m	G Lux@ 1m	B Lux@ 1m
3W LED	300	40-50	60-70	15-20

#### SPECIFICATIONS:

**LIGHT SOURCE:** 3W power RGB LED  
**Life Time:** More than 50000hours  
**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:** GX5.3 /E27  
**SYNCHRONIZABILITY:** Non-synchronizable  
**DIMMERBILITY:** Dimmerble 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