ROBUS CONNECT

ROBUS®

GU10 CONNECT, 5W WIFI CONTROLLABLE, DIMMABLE AND TUNABLE WHITE LED LAMP, STANDARD AND RGB, 30° AND 110°

These GU10 lamps join the exciting new ROBUS Connect family of products. Simply replace the existing GU10 lamp and download the ROBUS Connect App to control the downlights over WIFI or data by mobile phone locally or remotely. Group lamps together and set scenes by controlling on/off switching, dim level, colour temperature or RGB colour. Integrate the lamps with Google Assistant or Amazon Alexa WI-FI devices for voice activated control.

Applications:

- All rooms in the home
- Retail shops
- Complimentary lighting in offices
- Hotels & Function rooms
- Restaurants, Bars, Clubs and other entertainment venues
- Schools & Therapy units

Construction:

All polycarbonate envelope
Polycarbonate diffuser
Steel cap pins
Aluminium/FR4 Composite PCB

Features and Benefits:

- The lamps are Wi-Fi enabled so are controlled from the Robus Connect App through a local or remote Wi-Fi / data connection

- The Robus Connected devices provide multiple functionality which includes:

  - Within App instructions for pairing of Robus Connect products so is simplicity itself

  - On / off switching so lighting can be controlled from anywhere. You can switch off lights left on in another part of the house after going to bed, without getting up

  - Dimming for a more relaxing environment when watching TV or eating a meal

  - A combination of Tunable White Colour temperature and RGB provides a diverse range of colour functionality dependent on use of the lit space

  - Grouping a number of fittings together so they can all be controlled as one such as the lights in a bedroom or lounge

  - Scene setting which allows single or groups of fittings to be set to a specific state. A dining scene (1) whilst eating might need some lights over the table set to a higher level with lighting around the perimeter of the room set to low level

    After dinner you may wish to change the scene (2) to a low lit ambience whilst chatting and taking a relaxing drink

  - Scheduling allows setting up of "holiday mode" actions where lights can be set to come on or go off at specific times of the day or night

- Automation provides control of lighting dependent on such things as weather conditions, time, day, night, sunrise or sunset. These provide "triggers" resulting in actions such as switching an outside light on at sundown

- Compatibility with Amazon or Google devices provides ultimate voice control of your lighting anywhere in the house so any function in the app can become voice activated

- Many of these functions are brilliant for anyone who wants to take control of their lit space, from young children, to home-office working, to elderly or infirmed people who can control the colour and mood of their lighting depending on their activity, either by voice command or buttons on their tablet or phone

- The Robus Connect devices make your life SMART and enjoyable

- As well as these exciting modern lighting controls, GU10 Connect:

  - Is the same physical size as the traditional Halogen or LED GU10's and requires no special wiring

  - Will retro-fit into most GU10 downlights or luminaires

  - Is also the same shape so is aesthetically acceptable

  - Has superior lighting performance and efficacy so it will replace and provide greater light than most traditional light sources whilst making over 90% energy savings

  - Utilises high quality, independently tested, LM80 SMD LED's to provide long Rated LED Life so no lamp changes over life

  - Has Lumidat files suitable for lighting design software to provide optimum lighting for the use of the lit space

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Product Code:	RCGU5CX	RCGU5RGBCX
Comparable to:	50W Halogen	50W Halogen
Total Power (W):	5.2 - 5.3	5.2 - 5.3
Total Light Output (lm):	430 - 480	350-400
Efficacy (lm / cctW):	83 - 93	68-77
Illuminance at 1m (lux):	930 - 1,070	110-130
Beam Angle (deg):	30	110
CCT (K):	2,700 - 6,500	2,700 - 6,500
CRI (Ra):	80	80
Rated Life (hrs):	25,000	25,000
Warranty (yrs):	2	2
Ingress Protection (IP):	20	20
Impact Rating (IK):	10	10
Operating Temperature (°C):	−20 ≤ Ta ≤ +40	−20 ≤ Ta ≤ +40
Operating Voltage (Vac):	220-240	220-240
Power Factor (PF):	0.5	0.5
Height (mm):	53.5	53.5
Diameter (mm):	50	50
Box Qty:	1	1
Weight (kg):	0.03	0.03
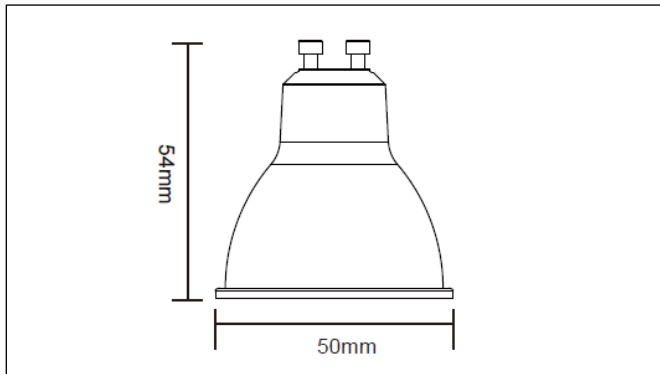
Standards & Approvals:

Complies with: EN60598-1, EN55015, EN 61000-3-2, EN 61000-3-3, EN 62493, EN61547, EN 62471
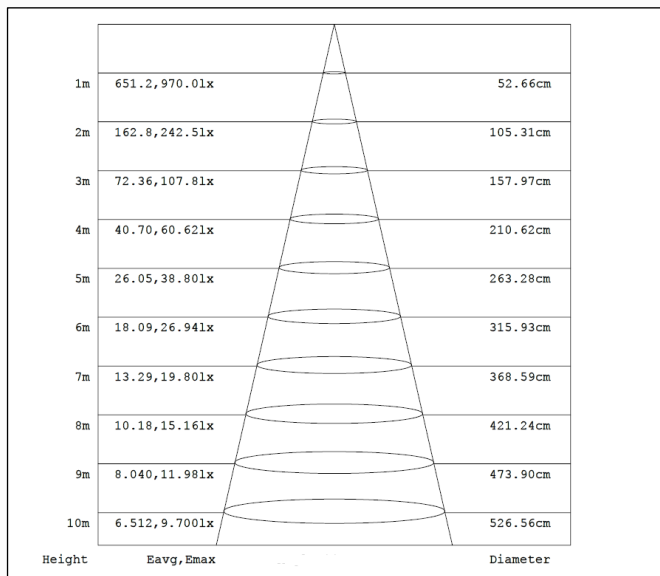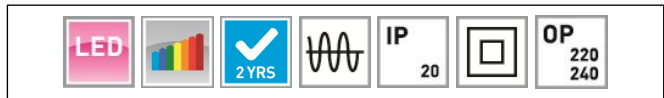
Cone Illuminance Diagram:

Height	Eavg,Emax	Diameter
1m	651.2,970.01x	52.66cm
2m	162.8,242.51x	105.31cm
3m	72.36,107.81x	157.97cm
4m	40.70,60.621x	210.62cm
5m	26.05,38.801x	263.28cm
6m	18.09,26.941x	315.93cm
7m	13.29,19.801x	368.59cm
8m	10.18,15.161x	421.24cm
9m	8.040,11.981x	473.90cm
10m	6.512,9.7001x	526.56cm

Diagram for RCGU5CX in 4,000K. Other diagrams available on request

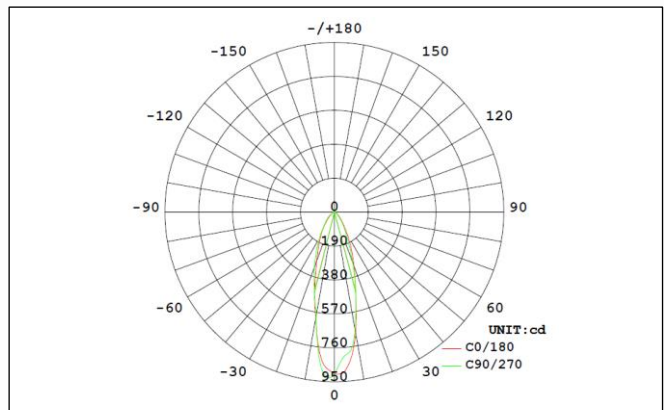### Polar Intensity Diagram:

UNIT:cd
C0/180
C90/270

Diagram for RCGU5CX in 4,000K. Other diagrams available on request

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