

GLS CONNECT, WI-FI CONTROLLABLE, DIMMABLE TUNABLE WHITE AND RGB + DIMMABLE TUNABLE WHITE LED LAMPS

This range of GLS lamps join the exciting new ROBUS Connect family of products. It has the latest in WI-FI controllability using the ROBUS Connect App. This provides mobile phone and remote access control of ROBUS Connect products including on/off switching, tunable colour temperature and choice of 16.7M RGB colours, white dim level, grouping and scene setting and also integrates with Google Assistant and Amazon Alexa WI-FI devices



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:

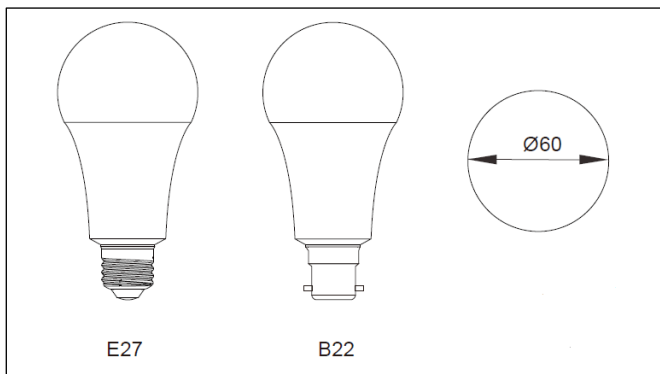
All polycarbonate envelope
Steel cap-base
Aluminium/FR4 Composite PCB

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
 - Colour temperature and RGB tuneability which means you can set the light colour to 16.7M RGB colours, warm, cold or anywhere in between dependent on what you are doing
 - Tunable White dimming so a film may be watched with the lighting turned down to a warm white glow with the press of a button in the app (RGB is non-dim)
 - Grouping a number of fittings together so they can all be controlled as one such as the lights in the bedroom
 - Scene setting allows single or groups of fittings to be set to a specific state. A dining scene 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 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 actions as a result of "triggers"
- 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, GLS Connect:
 - Is the same physical size as the traditional General Lighting Service (GLS) lamp so can retro-fit into most fittings
 - Is available with Bayonet and Edison Screw caps which allow the lamp to be used in fittings of UK or European origin
 - 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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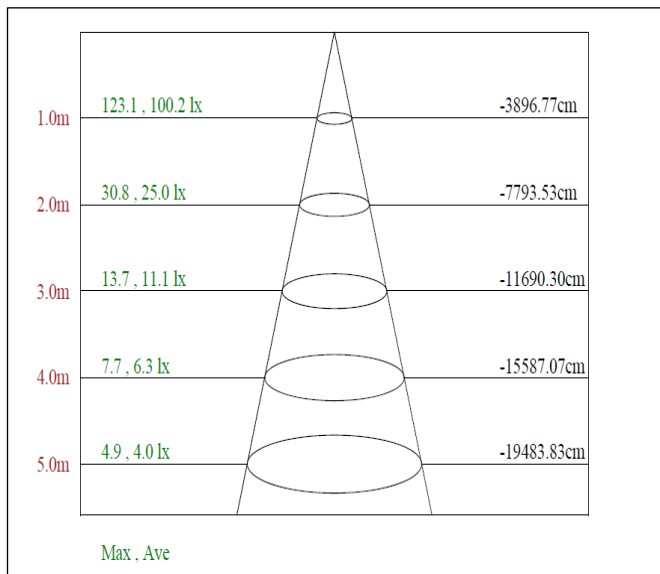
PRODUCT CODES	E27 B22	Tunable White RCG8CXE27 RCG8CXB22	RGB + TUNABLE WHITE RCG7RGBXE27 RCG7RGBXB22
Comparable to:		75W Incandescent	60W Incandescent
Total Power (W):		7.8-8.1	6.9-7.0
Total Light Output (lm):		740-820	530-610
Efficacy (lm / cctW):		95-103	77-89
Illuminance at 1m (lux):		110-120	100-110
Beam Angle (deg):		180	140
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
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):		122	117
Diameter (mm):		60	60
Box Qty:		1	1
Weight (kg):		0.07	0.05



Standards & Approvals:

Complies with: EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3, EN 62560, EN 62471, EN 62493

Cone Illuminance Diagram:



Polar Intensity Diagram:

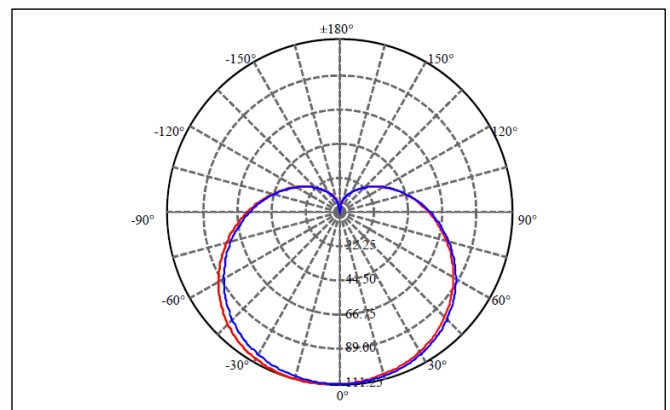


Diagram for RCG8XE27 in 4,000K. Other diagrams available on request

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