Low Energy Designs Limited

Glow CTC

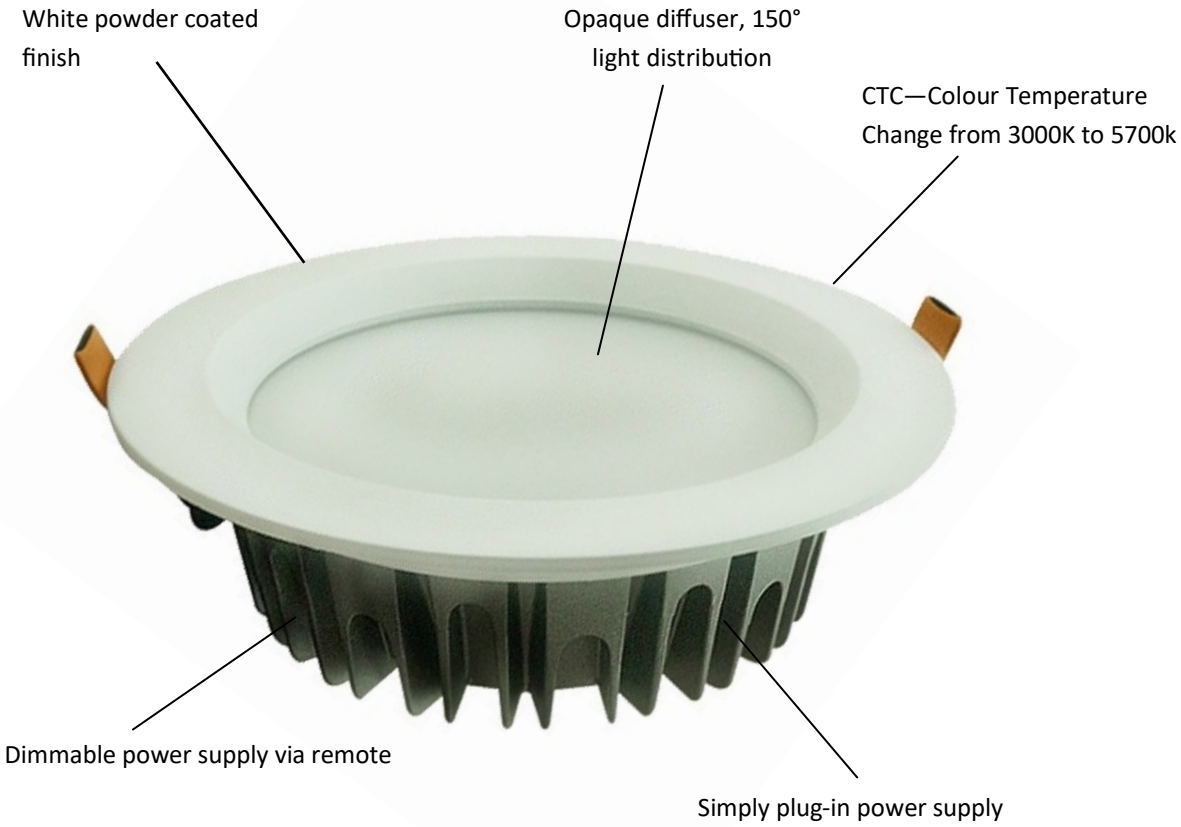
Intelligent energy saving solutions with the Glow CTC collection

MANUFACTURED IN THE UNITED KINGDOM

www.lowenergydesigns.com

SMART & STYLISH RETAIL & OFFICE LIGHTING

The Glow CTC is the latest in LED technology. This product provides a colour temperature range from 3000-5700 kelvins which is controlled by a simple remote.



Made in the United Kingdom: All our LED lights have been designed and manufactured by us in the United Kingdom. This product comes from our original design of the Glow, however it only undergoes final assembly and test in our manufacturing facility in the UK.

Long lasting: Our LED products have a long lifetime.
The Glow family products have been installed since 2007. Installations from this time are still functioning at the same efficiency as the day they were installed!

Energy Efficient: Our products can be up to 80% more efficient than traditional lighting.

Reliability: Because they are electronic components, our LED's are more reliable than traditional lamps.

Maintenance free: Save money on maintenance costs.

Environmentally friendly: The long life of our LED'S eliminates the need to replace lamps regularly.

Power Supply: This product benefits from having a dimmable plug-in power supply. Fully integrated power supply is also available. This is 0-10V dimmable as standard.

Quick & Easy Installation: Plug in & go.

Light Cooling: Convection and LED board design keeps the product temperature down prolonging the lifetime of LEDs and the product itself.

High Lumen Active LED Output: The light output is provided by 24 or 60 LEDs running at optimum output, providing active lumen intensity.

Diffuser: Opaque Lens, 150° light distribution.

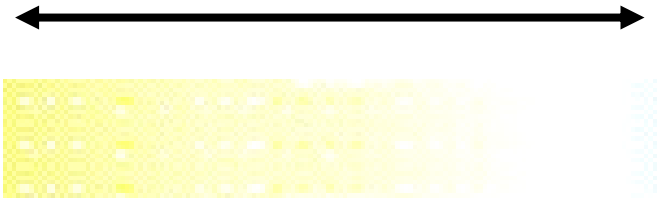
CTC Colour Change: The Glow CTC enables the luminaire to be changed from 3000 Kelvins—5,700Kelvins via a wireless controller. Dimmable from 100—0% with scene settings for setup in various applications. Controlled from up to 20m

APPLICATION

Office, Retail, Schools, Hospitals, Shops and Supermarkets

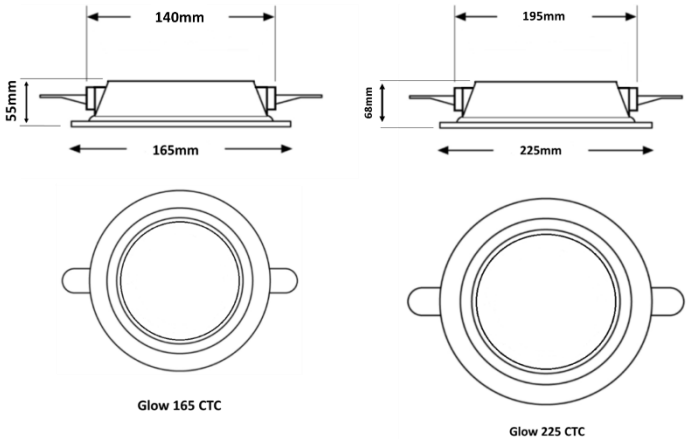
COLOUR TEMPERATURES

ADJUSTABLE BETWEEN THESE TEMPERATURES



3000k 4000k 5000k 5700k

DIMENSIONS



Glow-CTC Colour Changing Available Wireless control for setting 3000—5,700 Kelvin as well as scene setting

PRODUCT SPECIFICATION DATA

Products	GloW 165 CTC	GloW 225 CTC
Product Code	GL165-CTC	GL225-CTC
Supply Voltage	100—240 VAC, PFC = 0.93*	
Power Rating (Circuit) Watts	12 watts	30 watts
Lumens (+/-5%)	1590	3600
LED Lifetime	>50,000 LM80 B20	
Ingress	IP44 (FRONT FACE WHEN INSTALLED)	
Body Material	White aluminium frame powder coated, Zintec Back	
Operating temperature	-20°C to + 50°C Ambient	
Light Cooling	Convection	
Colour Rendering	CTC CHANGING - 3000K—5700K (3K, 4K, 5K & 5.7K QUICK PRE-SET OPTIONS)	
Compliance	CE, RoHS 2011/65/EU, EMC 2014/35/EU, LVD 2014/35/EU	
Dimensions (mm) LxWxH	165 ø 55mm (H) Cutting Size: 140mm	225 ø 68mm (H) Cutting Size: 195mm
Weight	500g	825g
Mounting	Ceiling Recessed	

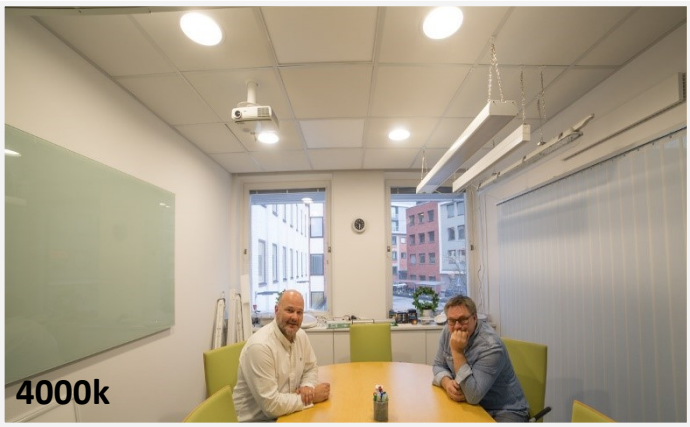
* Plug in power supplies

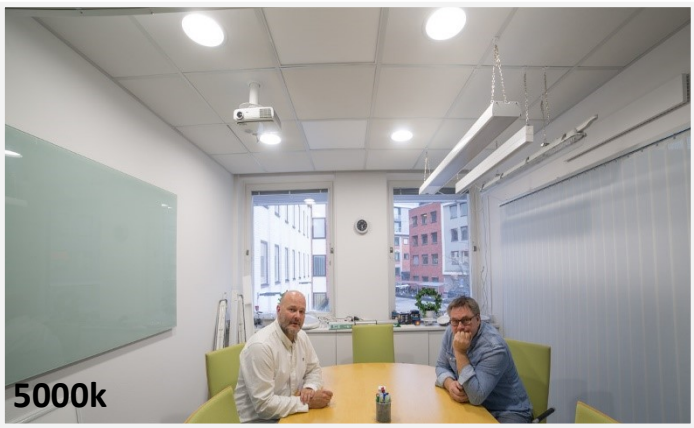
BENEFITS

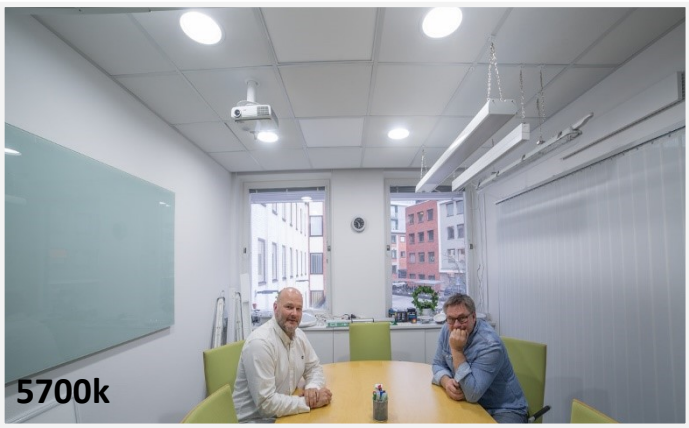
With light being a key component of vision, and vision being responsible for 80 to 85 percent of our perception of the world around us, it's not difficult to see why ignoring proper lighting strategies in your workplace could have a significant negative impact on productivity.

5000K = Day White, increases work performance by supporting mental acuity, vitality and alertness while reducing fatigue and daytime sleepiness. Day White helps lower melatonin levels. This lower level of melatonin keeps people alert in the same way coffee does.

On the other hand, warmer tones (3000K) tend to create a sense of comfort, this kind of lighting should be used in more intimate settings where you want workers to feel calm and relaxed. Warm White increases melatonin levels, in health care applications this can help patients to sleep.







Please contact us and let us help you to cut costs and reduce your carbon footprint.

Low Energy Designs Ltd
Unit 9A Sunrise Business Park, Higher Shaftesbury Road,
Blandford Forum
Dorset DT11 8ST
United Kingdom

Tel: + 44 (0) 1258 858171
sales@lowenergydesigns.com