G3 CA

Circular, recessed, colour temperature-changing downlighters



The G3 CA is a tuneable-white recessed luminaire with an injection-moulded reflector, finished in white.

G3 CA uses Thorlux ColourActive human-centric lighting technology to produce specially formulated artificial light that replicates the natural cycle of daylight, intended to promote wellbeing, mood and health. Varying the colour temperature of artificial lighting to emulate daylight dynamically can help regulate a person's circadian rhythm, improving lighting conditions and potentially benefiting health and well-being.

Applications: offices, corridors, reception areas, toilets, and retail.

- Fitted with 3000 K and 6500 K LEDs for colour temperature control
- Optional reinforcing board with centre cut aperture
- Supplied with remote gear unit fitted with 2 m supply lead
- ColourActive versions feature SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit
- ColourActive versions fitted with 3-pole TEE connector for LCM wiring

Notes: Emergency not available with ColourActive versions

IP40 (IP20 above ceiling) **Up to 68.3 LL/CW** LED PROTECT

Specification

Mounting	**Recessed**	IP rating	**IP40 (IP20 above ceiling)**

Lighting

Lumen output	**965 lm - 2,050 lm**	Efficacy	**Up to 68.3 LL/CW**

Power

LED power	**12 W - 24 W**	Circuit power	**15 W - 30 W**

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Construction

Housing	**High-pressure die-cast aluminium ring with aluminium heat sink**	Finish	**Full polyester powder coat**
Body colour	**Satin white (RAL9016)**	Optical assembly	**Injection moulded reflector**
Reflector colour	**White reflector**		

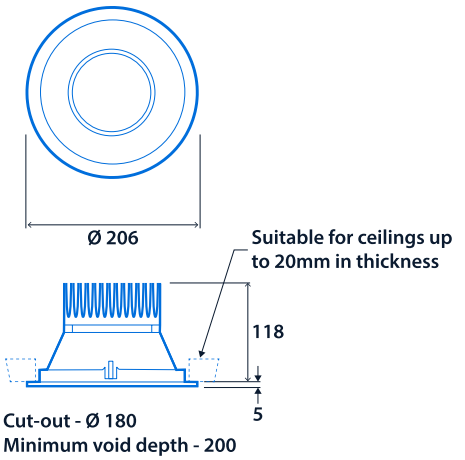
LED characteristics

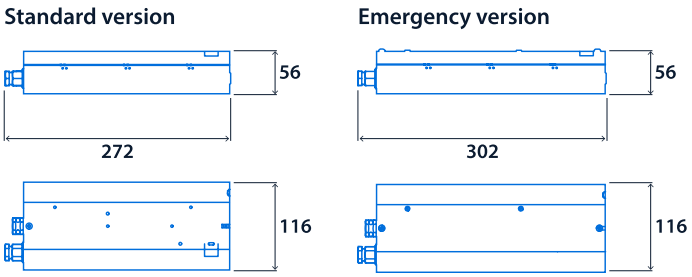
CRI	**80+**	Colour temperature	**3000-6500 K**
Rated life (hours)	**60 K - L80/B10**	LED protection	**LED Protect**
Driver efficiency	**>85%**	Replaceable light source	**Yes**
Power factor	**>0.9**	MacAdam ellipse	**3 Step**
Flicker metric	**IEC TR 61547-1: PstLM ≤1.0 / SVM ≤0.4**		

Compliance

UKCA	**Yes**	CE	**Yes**

Dimensions





3-pole TEE connector for ColourActive versions only

Range

LED power	Emergency system (optional)	CAT. No.	Lighting control system
12 W	-	**GT18822**	**CA***
24 W	-	**GT18823**	**CA***
12 W	**T / E**	**GT18824**	**CC****
24 W	**T / E**	**GT18825**	**CC****

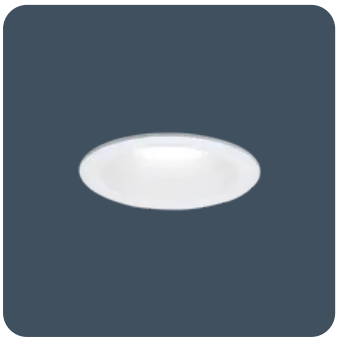
* ColourActive versions feature an integral wireless SmartScan sensor ** ColourControl versions are for use with the SmartScan Stand-alone sensor.

Emergency system - prefix catalogue number with **T** AutoTest Emergency / **E** Standard Emergency
Lighting control system - suffix catalogue number with **CA** ColourActive / **CC** ColourControl

E.g. **TGT18824CC** = 12 W / AutoTest Emergency / ColourControl

Accessories

Product code	Description	Weight
GT11970	597 x 597 mm ceiling reinforcing board - 3 mm thick plywood with 185 mm diameter central cut-out	0.55 kg



Open

Click or scan here
View G3 CA variants using our online filtering tool



Information is correct as of 17 Nov 2026, however must not be interpreted as a guarantee of individual product performance and/or characteristics. We reserve the right to alter specifications and designs without prior notice.