G3 Evo CA

Circular, recessed, colour temperature-changing downlighters

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

G3 Evo 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



Up to IP66 (IP20 above ceiling) **IK10** **Up to 107.0 LL/CW**

Specification

Mounting	**Recessed**	IP rating	**Up to IP66 (IP20 above ceiling)**
Impact rating	**IK10**	Max presence detection height	**8 m**

Lighting

Distribution	**Area**	Lumen output	**2,290 lm - 2,460 lm**
Efficacy	**Up to 107.0 LL/CW**		

Power

LED power	**19 W**	Circuit power	**23 W**

G3 Evo CA

Construction

Housing	**Die-cast aluminium body with an injection-moulded polycarbonate reflector IP66/IK10 versions feature a die-cast aluminium bezel and a clear polycarbonate cover**	Bezel colour	**White (RAL 9016)**
Optical assembly	**High performance optics for enhanced area distribution**	Reflector colour	**White reflector**

LED characteristics

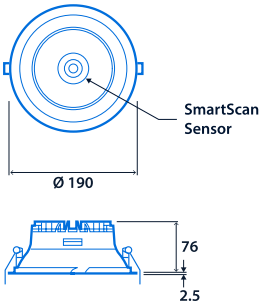
CRI	**80+**	Colour temperature	**3000-6500 K**
Rated life (hours)	**100 K - L80/B10**	Driver efficiency	**>83%**
Replaceable light source	**Yes**	Power factor	**>0.94**
MacAdam ellipse	**3 Step**	Flicker metric	**IEC TR 61547-1: PstLM ≤1.0 / SVM ≤0.4**

Compliance

UKCA	**Yes**	CE	**Yes**
Energy efficiency class	**This product contains a light source of energy efficiency class A**		

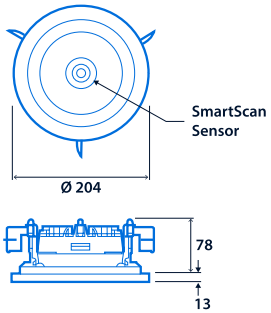
Dimensions

IP40



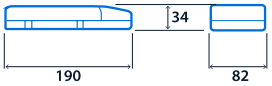
Cut-out - Ø 175
Maximum ceiling thickness - 35
ColourControl minimum void depth - 80
ColourActive minimum void depth - 130

IP66/IK10



Cut-out - Ø 180
Maximum ceiling thickness - 50
ColourControl minimum void depth - 80
ColourActive minimum void depth - 130

ColourControl Driver



ColourActive Gear Pack



Range

IP Rating	LED power	CAT. No.	Lighting control system
IP40	19 W	**GT21510**	**CA*** **CC**
IP66	19 W	**GT21511**	**CA*** **CC**

* ColourActive versions feature an integral wireless SmartScan sensor

Lighting control system - suffix catalogue number with **CA** ColourActive / **CC** ColourControl

E.g. **GT21510CA** = 19 W / ColourActive


White IP40 SmartScan version


White IP66 SmartScan version


IP40 rear


IP66 rear

Click or scan here

View G3 Evo 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.