G3 Evo AL

Recessed anti-ligature downlighters

Designed for applications where personal safety is paramount, the efficient, modern G3 Evo AL is an IP66/IK10-rated anti-ligature downlighter that delivers up to 141.8 LL/CW. It combines high performance, sustainability, and exceptional versatility.

As part of the G3 Evo luminaire family, G3 Evo AL has been awarded an industry-leading TM66 circularity score of 2.9 - the highest for a downlighter to date (LIA/CIBSE TSD-012 verified). This luminaire has been engineered for the circular economy, and is manufactured from 52% recycled materials.

G3 Evo AL features an injection-moulded reflector, with a choice of black or white finish and 3000 K or 4000 K versions. The tamper-resistant cover is secured using tamper-resistant Torx screws to ensure safety.

Applications: mental health, custodial, and healthcare.

- Anti-ligature downlighter with torx tamper resistant screws
- Choice of black or white reflector colour
- Industry-leading TM66 score of 2.9 for a downlight - LIA/CIBSE certification scheme TSD-012 verified
- CRI 90 LEDs with enhanced R9 value available to special order



IP66 (IP20 above ceiling) **IK10** **Up to 141.8 LL/CW** **LUXGUARD** **TM66 circularity score 2.9**

Specification

Mounting	**Recessed**	IP rating	**IP66 (IP20 above ceiling)**
Impact rating	**IK10**	Anti-ligature compliance	**Anti-ligature**

Sustainability

TM66 circularity score	**2.9**

Lighting

Distribution	**Area**	Lumen output	**1,145 lm - 3,790 lm**
Efficacy	**Up to 141.8 LL/CW**		

Emergency data

Emergency lumen output	**340 lm - 405 lm**	Emergency type	**Maintained**
Emergency duration	**3 hours**	Battery specification	**Lithium Iron Phosphate (LiFePO4)**

Power

LED power	**8 W - 25 W**	Circuit power	**10 W - 28 W**

Construction

Housing	**Die-cast aluminium body**	Finish	**Full polyester powder coat**
Body colour	**Black (RAL 9017)** **White (RAL 9016)**	Optical assembly	**High performance optics for enhanced area distribution**
Reflector colour	**Black reflector** **White reflector**	Cover fixings	**Stainless steel T20 pin Torx**

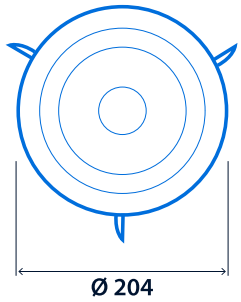
LED characteristics

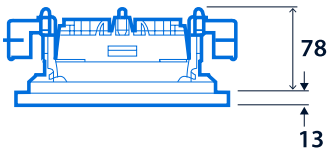
CRI	**80+**	Colour temperature	**3000 K** **4000 K**
Rated life (hours)	**100 K - L80/B10**	LED protection	**LUX Guard**
Driver efficiency	**>88%**	Replaceable light source	**No**
Power factor	**>0.95**	MacAdam ellipse	**3 Step**
Flicker metric	**IEC TR 61547-1: PstLM ≤1.0 / SVM ≤0.4**		

Compliance

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

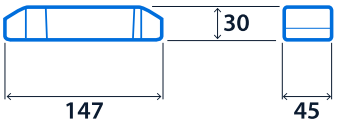
Dimensions



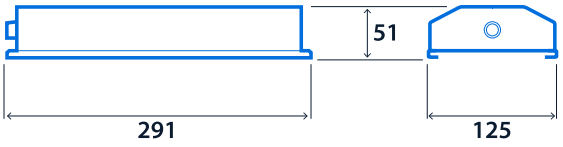


Cut-out - Ø 180
Maximum ceiling thickness - 50
Non-Emergency minimum void depth - 80
Emergency minimum void depth - 130

Standard Remote Driver



Emergency Gear Pack



Range

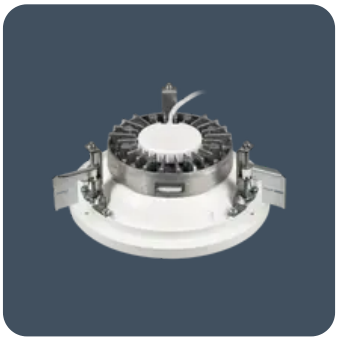
Emergency system (optional)	Product version	LED power	Reflector	Mounting	Lighting control system
D DALI / Self-Test Emergency **E** Standard Emergency	**GTA** G3 Evo AL	**08** 8 W **12** 12 W **18** 18 W **25** 25 W	**W** White **B** Black	**R** Recessed	**A** Dimming (DALI) **L** Non-dimming

3000 K versions - suffix catalogue number with **C830**

E.g. **DGTA08WRA** = DALI / Self-Test Emergency / 8 W / White reflector / Recessed / Dimming (DALI)


White IP66 version


Black IP66 version


IP66 rear

Click or scan here

View G3 Evo AL variants using our online filtering tool



Information is correct as of 10 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.