G3 AL

Circular, recessed, anti-ligature LED downlighters

G3 AL is a circular, recessed anti-ligature luminaire.

This efficient downlighter is available with a choice of clear or satin 4 mm-thick polycarbonate diffuser, secured via a strong spun steel ring with tamper-resistant Torx screws. SmartScan Radar and maintained emergency versions are also available.

Applications: mental health facilities.

- Anti-pick sealant can be used to seal the mounting bezel whilst still allowing the luminaire to be removed for maintenance
- Cover secured using tamper-resistant T20 pin Torx screws
- Supplied with remote gear unit fitted with 2 m supply lead
- SmartScan Radar versions with sensor discretely hidden behind the cover



IP65 (IP20 above ceiling) **IK10** **Up to 106.5 LL/CW** SMARTSCAN LUXGUARD

Specification

Mounting	**Recessed**	IP rating	**IP65 (IP20 above ceiling)**
Impact rating	**IK10**	Max presence detection height	**4 m**
Anti-ligature compliance	**Anti-ligature**		

Lighting

Optic	**Clear cover** **Satin cover**	Lumen output	**835 lm - 1,940 lm**
Efficacy	**Up to 106.5 LL/CW**		

Emergency data

Emergency lumen output	**260 lm - 330 lm**	Emergency type	**Maintained**
Emergency duration	**3 hours**	Battery specification	**Nickel Metal Hydride (NiMH)**

G3 AL

Power

LED power	**8 W - 16 W**	Circuit power	**10 W - 19 W**

Construction

Housing	**Steel cover ring and mounting bezel**	Finish	**Full polyester powder coat**
Bezel colour	**Satin white (RAL 9016)**	Optical assembly	**Injection moulded reflector with 4 mm thick polycarbonate front cover**
Reflector colour	**White reflector**	Cover fixings	**Stainless steel T20 pin Torx**

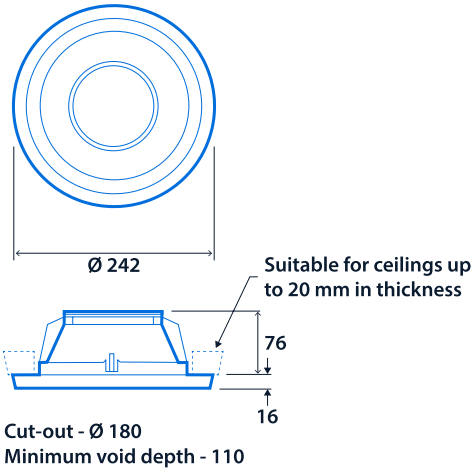
LED characteristics

CRI	**80+**	Colour temperature	**4000 K**
Rated life (hours)	**63 K - L80/B10**	LED protection	**LUX Guard**
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

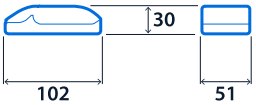
UKCA	**Yes**	CE	**Yes**
Energy efficiency class	**This product contains a light source of energy efficiency class C**		

Dimensions

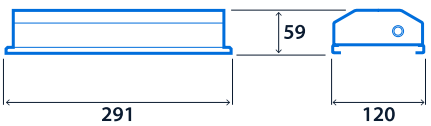


Cut-out - Ø 180
Minimum void depth - 110

Standard Remote Driver



Downlighter Power Unit
for SmartScan Radar, SmartScan Radar Emergency, Emergency and AutoTest versions



Range

LED power	Emergency system (optional)	Clear version	Satin version	Lighting control system
8 W	**W*** / **T**** / **E****	**GT20194**	**GT20196**	**R / A / L**
16 W	**W*** / **T**** / **E****	**GT20195**	**GT20197**	**R / A / L**

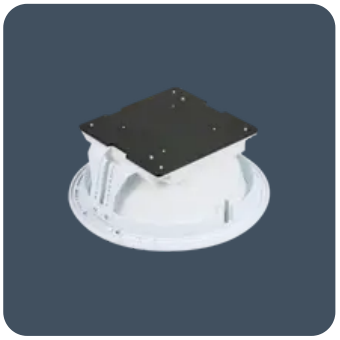
* **Only** available with **R / L** control type ** **Only** available with **A / L** control type

Emergency system - prefix catalogue number with **W** SmartScan Emergency / **T** AutoTest Emergency / **E** Standard Emergency
Lighting control system - suffix catalogue number with **R** SmartScan Radar / **A** Dimming (DALI) / **L** Non-dimming

E.g. **WGT20194R** = 8 W / SmartScan Emergency / Clear version / SmartScan Radar

Accessories

Product code	Description	Weight
KEY16975	T20 pin Torx bit - Suitable for magnetic bit holder	-




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



Information is correct as of 16 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.