G3 Evo

Circular LED recessed downlighters



Contemporary, recessed, and ultra-efficient, the G3 Evo delivers up to 152 LL/CW alongside an industry-leading TM66 circularity score of 2.9 - the highest for a downlight to date (LIA/CIBSE TSD-012 verified).

Engineered for the circular economy, it combines high performance, sustainability, and exceptional versatility. G3 Evo is manufactured from 52% recycled materials.

Available with black or white reflectors, the range offers both IP40 and impact-rated IP66/IK10 3000 K or 4000 K versions. Innovative integral sensor options mean SmartScan wireless technology is available across all models, delivering advanced lighting control even in the most demanding environments. Mains switched integral night light versions available for DALI and fixed output IP40, white reflector 4000 K variants.

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

- High-efficiency downlighters with optional integral SmartScan sensor
- IP66/IK10 versions available
- Industry-leading TM66 score of 2.9 for a downlight - LIA/CIBSE certification scheme TSD-012 verified
- SmartScan versions fitted with TEE connector for LCM wiring
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit
- CRI 90 LEDs with enhanced R9 value available to special order

Up to IP66 (IP20 above ceiling) **IK10** **Up to 152.5 LL/CW** SMARTSCAN LUXGUARD **TM66 circularity score 2.9**

Specification

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

Sustainability

TM66 circularity score	**2.9**

Lighting

Distribution	**Area**	Lumen output	**1,145 lm - 4,075 lm**
Additional lumen output	**10 lm**	Efficacy	**Up to 152.5 LL/CW**
Additional light element	**Integral night light**		

Emergency data

Emergency lumen output	**340 lm - 435 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 with an injection-moulded polycarbonate reflector IP66/IK10 versions feature a die-cast aluminium bezel and a clear polycarbonate cover**	Optical assembly	**High performance optics for enhanced area distribution**
Reflector colour	**Black reflector** **White reflector**		

LED characteristics

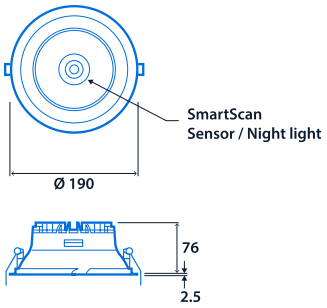
CRI	**80+**	Colour temperature	**3000 K** **4000 K**
Rated life (hours)	**100 K - L80/B10**	LED protection	**LUX Guard**
Driver efficiency	**>88%**	Replaceable light source	**No**
Power factor	**>0.95**	MacAdam ellipse	**3 Step**
Flicker metric	**IEC TR 61547-1: PstLM ≤1.0 / SVM ≤0.4**		

Compliance

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

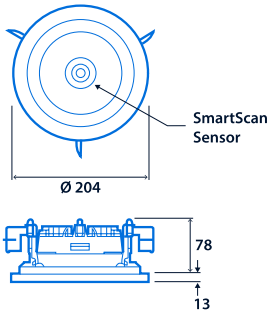
Dimensions

IP40



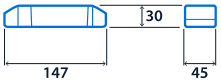
Cut-out - Ø 175
Maximum ceiling thickness - 35
Non-Emergency minimum void depth - 80
Emergency minimum void depth - 130

IP66/IK10

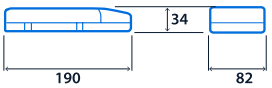


Cut-out - Ø 180
Maximum ceiling thickness - 50
Non-Emergency minimum void depth - 80
Emergency minimum void depth - 130

Standard Remote Driver



SmartScan Remote Driver



Emergency Gear Pack



Range

Emergency system (optional)	Product version	LED power	Reflector	Mounting	Lighting control system	Integral night light
Standard version						
W SmartScan Emergency*	**GT** IP40	**08** 8 W	**W** White	**R** Recessed	**S** SmartScan Internal	
D DALI / Self-Test Emergency**	**GTX** IP66/IK10	**12** 12 W	**B** Black		**A** Dimming (DALI)	
E Standard Emergency**		**18** 18 W			**L** Non-dimming	
		25 25 W				
Integral night light version						
	GT IP40	**08** 8 W	**W** White	**R** Recessed	**A** Dimming (DALI)	**N** Night light
		12 12 W			**L** Non-dimming	
		18 18 W				
		25 25 W				

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

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

E.g. **GT08WRAN** = IP40/ 8 W / White reflector / Recessed / Dimming (DALI) / Night light


White IP40 version


Black IP40 SmartScan version


White IP66 version


Black IP66 SmartScan version


Integral night light version


Night light on


IP40 rear


IP66 rear

Click or scan here
View G3 Evo 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.