# G3 Evo Surface

## Circular LED surface downlighters

The G3 Evo Surface is a contemporary, multipurpose surface-mounted downlighter manufactured from high-pressure die-cast aluminium.

With its stylish aesthetic and superb energy efficiency, the G3 Evo Surface is available in black or white. It has been designed for use across a range of applications and is rated IP40 as standard, with more robust, impact-resistant IP66 versions also available.

As with the other luminaires in the new G3 Evo downlighter range, the G3 Evo Surface is engineered to support the principles of the circular economy. It combines high performance, sustainability and exceptional versatility and is manufactured from 69% recycled materials.

Applications: staircases, entrance spaces, offices, corridors, reception areas, toilets, and retail.

- High-efficiency surface mounted downlighters with optional integral SmartScan sensor
- IP66/IK10 variants suitable for external use
- Choice of black or white reflector colour
- Die-cast, powder-coated aluminium body
- CRI 90 LEDs with enhanced R9 value available to special order
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit



Up to IP66 | IK10 | Up to 152.5 LL/CW | SMARTSCAN | LUXGUARD | TM66 circularity score 2.9

## Specification

| | | | |
|---|---|---|---|
| Mounting | **Surface** | IP rating | **Up to IP66** |
| 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** |
| Efficacy | **Up to 152.5 LL/CW** | | |

## 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 | **High pressure die-cast aluminium body** | Finish | **Full polyester powder coat** |
| Body colour | **Black (RAL 9017)**<br>**White (RAL 9016)** | Reflector colour | **Black reflector**<br>**White reflector** |

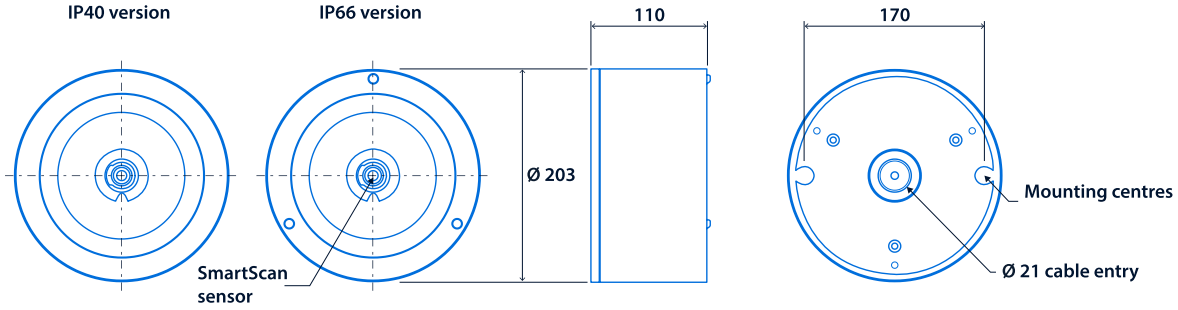
## LED characteristics

| | | | |
|---|---|---|---|
| CRI | **80+** | Colour temperature | **3000 K**<br>**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** |
| C-Tick (Aus) | **Yes** | | |

# Dimensions



# G3 Evo Surface

## Range

| Emergency system (optional) | Product version | LED power | Reflector | Mounting | Lighting control system |
|---|---|---|---|---|---|
| **W** SmartScan Emergency* | **GT** IP40 | **08** 8 W | **W** White | **S** Surface | **S** SmartScan Internal |
| **E** Standard Emergency** | **GTX** IP66/IK10 | **12** 12 W | **B** Black | | **A** Dimming (DALI) |
| | | **18** 18 W | | | **L** Non-dimming |
| | | **25** 25 W *** | | | |

* **Only** available with **S** control type ** **Only** available with **A / L** control type *** **Not** available with **W / E** emergency systems

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

E.g. **WGTX08WSS** = SmartScan Emergency / IP66/IK10 / 8 W / White reflector / Surface / SmartScan Internal



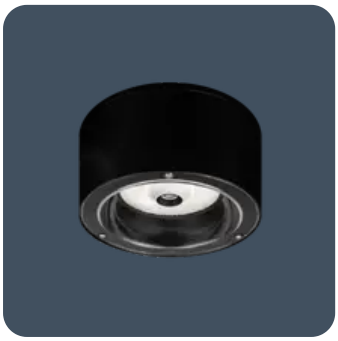
White IP40 version



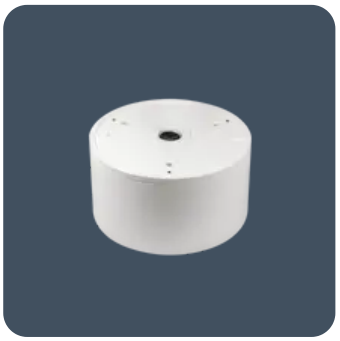
Black IP40 version with SmartScan



White IP66 version



Black IP66 version with SmartScan



## Click or scan here

**View G3 Evo Surface variants using our online filtering tool**



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