G3 MRI

Non-ferrous circular downlight for use in MRI rooms



Highlighting Thorlux Lighting's commitment to tailoring products exactly to the needs of customers, the G3 MRI is a non-ferrous recessed downlighter designed for use in magnetic resonance imaging (MRI) rooms.

G3 MRI features a remote gearbox and a non-ferrous downlighter head designed specifically to meet the requirements of MRI rooms. A non-maintained emergency version is also available.

Applications: MRI rooms.

- Non-ferrous construction, designed for use in MRI rooms
- Two output circuits per DALI gearbox where each circuit can power a minimum of 5 downlighter heads, up to a maximum of 8
- Downlighter wiring configured for low EMI when used with EMI filters (supplied by others)
- Emergency status indicator LED can be remotely mounted outside of the room
- DALI dimmable control gear as standard. Can be used with push to make retractive switch for dimming and switching

IP20 | 133.3 LL/CW | SMARTSCAN | LUXGUARD

Specification

IP rating	**IP20**

Lighting

Lumen output	**1,600 lm**	Efficacy	**133.3 LL/CW**

Emergency data

Emergency lumen output	**800 lm**	Emergency type	**Non-maintained**
Emergency duration	**3 hours**	Battery specification	**Nickel Metal Hydride (NiMH)**

Power

LED power	**6 W - 11 W**	Circuit power	**12 W**

G3 MRI

Construction

Housing	**Non-ferrous construction with high pressure die-cast aluminium ring**	Finish	**Full polyester powder coat**
Body colour	**Green** **Satin white (RAL9016)**	Optical assembly	**Injection moulded reflector**
Reflector colour	**White reflector**		

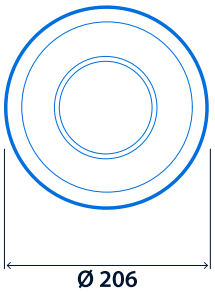
LED characteristics

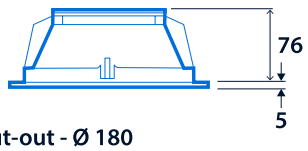
CRI	**80+**	Colour temperature	**4000 K**
Rated life (hours)	**100 K - L90/B10**	LED protection	**LUX Guard**
Driver efficiency	**>92%**	Replaceable light source	**Yes**
Power factor	**>0.9**	MacAdam ellipse	**3 Step**
Flicker metric	**IEC TR 61547-1: PstLM ≤1.0 / SVM ≤0.4**		

Compliance

UKCA	**Yes**	CE	**Yes**
C-Tick (Aus)	**Yes**		

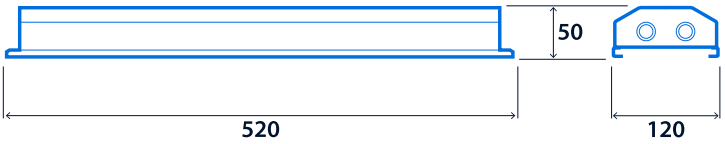
Dimensions



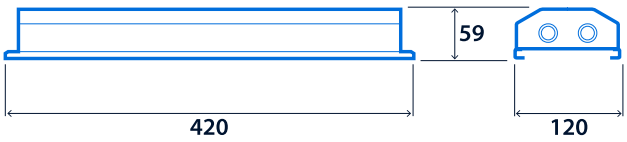


Cut-out - Ø 180
Minimum void depth - 110

LED Downlighter Power Unit



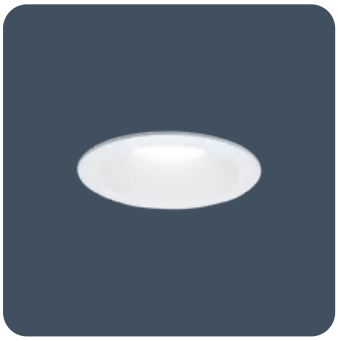
Emergency LED Downlighter Power Unit

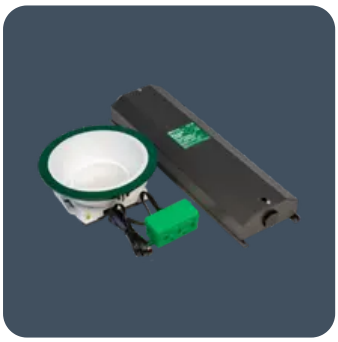


Range

Product version	LED power	Emergency system (optional)	CAT. No.	Lighting control system
Downlighter head	11 W	-	**GT20080**	-
DALI gearbox	-	-	**GT20081**	**AF**
Emergency kit (Non-maintained downlighter and gearbox)	6 W	**W**	**GT20082ZF**	-

Emergency system - prefix catalogue number with **W** SmartScan Emergency
Lighting control system - suffix catalogue number with **AF** Dimming (DALI)
E.g. **GT20081AF** = DALI gearbox / Dimming (DALI)



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View G3 MRI 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.