



RDL AL G2 RGBW

IP65

IK14 (100J)

Downlights

Class I

Recessed

Custodial

Secure Healthcare

RDL AL G2 RGBW is a ligature resistant downlight specifically designed for challenging environments, such as custodial and secure healthcare facilities.

Standard Colours

Smooth White

Matt Black

Product Information

RDL AL G2 RGBW allows for customisable coloured lighting effects, including white, to create a dynamic or therapeutic setting. RDL AL G2 RGBW's uniform illumination ensures a consistent light distribution, enhancing visibility and reducing glare to create a comfortable feel.

RDL AL G2 RGBW is designed to meet the requirements of "Design in Mental Health Network's (DiMHN) Testing Guidance for Products in Mental Health Facilities" rating LIG5-5/ES2. RDL AL G2 RGBW is a ligature resistant fitting, designed to help prevent self-harming, with ligature resistant first fix bezel.

Designed to be disassembled and reinstated to ensure maintenance can be undertaken quickly and easily after anti-pick mastic application.

Applications include therapy rooms, de-escalation rooms, bedrooms and en-suites.

Impact Resistance Rating: IK14 (100J). More information, [CLICK HERE](#).

Ingress Protection Rating: IP65 (from below only). More information, [CLICK HERE](#).

Housing: Zinc coated steel body with machined aluminium bezel and face.

Paint: Polyester powder coat. All colours available, [CLICK HERE](#)

Diffuser: Polycarbonate diffuser with opal liner in frame secured with tamperproof screws.

Driver: Remote electronic control gear. DALI (Device type 6) drivers as standard. Casambi wireless enabled (User Interface required).

Mounting: Ceiling, recessed

Cable Entry: Provision for cable entry in remote driver box.

▪ **Technical Information**

| RDLALG2RGBW | Output (Lum/lm) | Load (W) | Efficacy (lm/W) | CCT (K) |
|-----------------------|-------------------------------------|-------------------|---------------------------|----------------------------|
| Opal | | | | |
| ALRDL-G2-RGBW-X-SW-DW | 1191 lm (white 4000K CRI90 channel) | 17.5 | - | RGBW |
| | Weight (kg) | CRI | High Temp (°C) | LED Lifetime |
| | 1.8 | - | - | L70B1e>50,000h |
| | Driver lifetime (up to hours) | LED Energy Rating | Emergency Output (Lum/lm) | Nightlight Output (Lum/lm) |
| | 50,000 | E | - | - |
| | Dimensions | | | |
| | Ø270mm, 121mm | | | |

Fitting Options

| | |
|-----------------------------|-----|
| DALI-2 Dimming / Monitoring | -DA |
| Smooth White | -SW |
| Matt Black | -MB |
| Casambi Node | -DW |

- For paint colour options, please replace -SW with required paint code.
- IP rating applies from below.
- For DALI only version, please replace -DW with -DA. (DALI control system required).
- For Casambi User interface (White), order code CAUI-W.
- For Casambi User interface (Black), order code CAUI-B.

