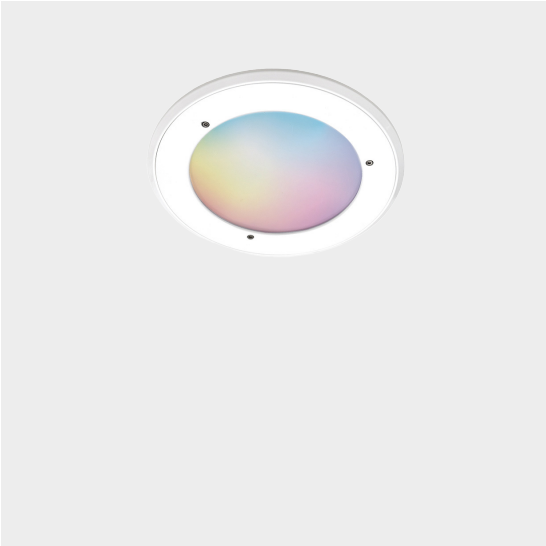


RDL AL G2 RGBW

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

Matt Black | Smooth White

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.

This luminaire is designed for longevity and sustainability and adheres to our circular design principles. We conduct a circular economy assessment using TM66 and measure embodied carbon (kgCO $_2$e) in accordance with TM65.2.

Impact Resistance Rating: IK14 (100J). What is IK Rating?

Ingress Protection Rating: IP65 (from below only). What is IP Rating?

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

Paint: Polyester powder coat. All Colour Options Available 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.

Design Life: 30+ years. What is Design Life?

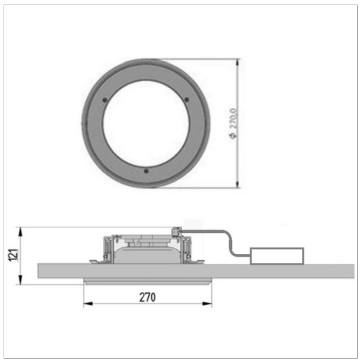
Technical Information

RDLALG2RGBW	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
Opal				
ALRDL-G2-RGBW-X-SW-DW	1191 (4000K CRI90)	17.5	-	RGBW
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	4		-	$L_{70}B_{10}$>50,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	50,000	E	-	-
	Dimensions			
	Ø270mm, 121mm			

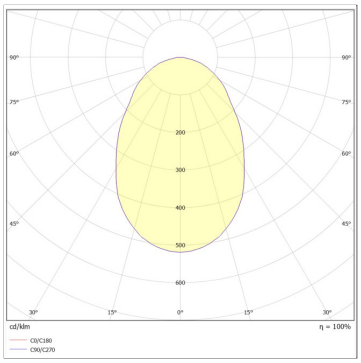
Fitting Options

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

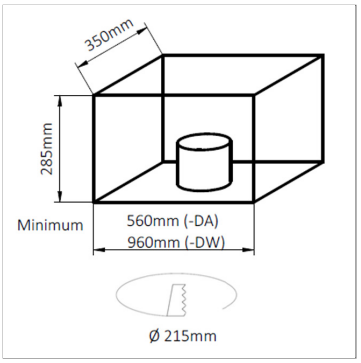
- For paint colour options, please replace -SW with required paint code.
- For DALI only version, please replace -DW with -DA. (DALI control system required).
- For Casambi User interface (White), order code CAUI-W.
- For Casambi User interface (Black), order code CAUI-B.



RDL AL G2 RGBW Drawing



RDL AL G2 RGBW Polar Curve



RDL AL G2 RGBW Minimum Ceiling Void and Ceiling Cut-out

Casambi User Interface (White). For Casambi User Interface (White), order code CAUI-W. For Casambi User Interface (Black), order code CAUI-B.