RDL AL G2 Tuneable White

IP65 | IK14 (100J) | Downlights | Class II | Recessed

Custodial | Secure Healthcare

RDL AL G2 Tuneable White 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 Tuneable White can adjust colour temperatures to help influence our wellbeing and replicate our natural circadian rhythm. Cool colour temperatures can boost activity whilst warm colour temperatures can aid relaxation. RDL AL G2 Tuneable White's uniform illumination ensures a consistent light distribution, enhancing visibility and reducing glare to create a comfortable feel.

RDL AL G2 Tuneable White 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 Tuneable White 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.

Custodial applications include association areas, police stations and law courts. Secure Health applications include therapy 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 ($kgCO_2e$) 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 in frame secured with tamperproof screws.

Driver: Remote DALI (Device Type 8) driver controlled by DALI control system (additional control devices required).

Mounting: Ceiling, recessed.

Cable Entry: Provision for cable entry in remote driver.

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

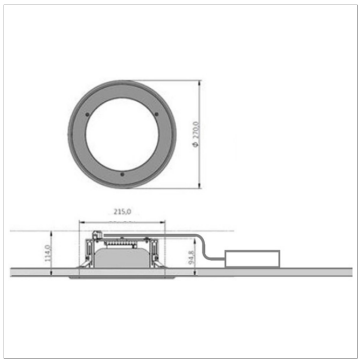
Technical Information

RDLALG2TuneableWhite	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
Clear				
ALRDL-G2-2600T-C-SW-DA	2630 @4000K	30.3	87	2700 - 6500K
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	1.9	CRI>90	-	$L_{80}B_{10}$>50,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	E	-	-
	Dimensions			
	Ø270mm, 121mm			
Opal				
ALRDL-G2-2400T-X-SW-DA	2435 @4000K	30.3	81	2700 - 6500K
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	1.9	CRI>90	-	$L_{80}B_{10}$>50,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	E	-	-
	Dimensions			
	Ø270mm, 121mm			

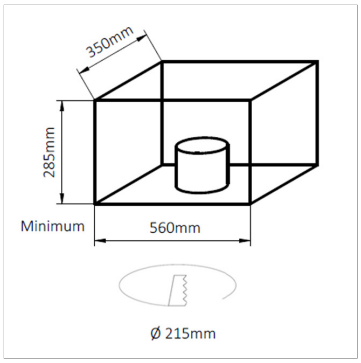
Fitting Options

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

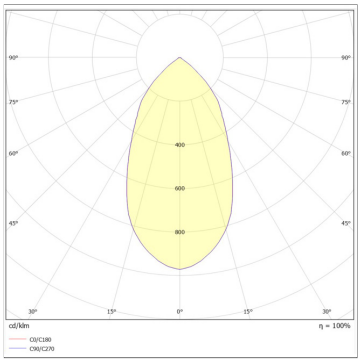
- For paint colour options, please replace -SW with required paint code.
- For Casambi Node version, please replace -DA with DW.
- For Casambi User interface (White), order code CAUI-W.
- For Casambi User interface (Black), order code CAUI-B.



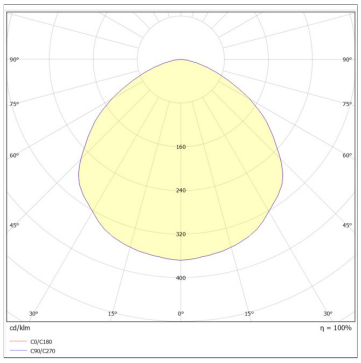
RDL AL G2 Tuneable White Drawing



RDL AL G2 Tuneable White Minimum Ceiling Void and Ceiling Cut-out



RDL AL G2 Tuneable White Clear Polar Curve



RDL AL G2 Tuneable White Opal Polar Curve

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

designplan LIGHTING

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