



DL86 RGBW

IP65

IK11 (50J)

Downlights

Class I

Recessed

TM65/66

Community and Public

DL86 RGBW is a colour changing downlight specifically designed for community and public environments.

Standard Colours

Matt White

Product Information

DL86 RGBW allows for customisable coloured lighting effects, including white, to create a dynamic or therapeutic setting. DL86 RGBW's uniform illumination ensures a consistent light distribution, enhancing visibility and reducing glare to create a comfortable feel.

Incorporating a removable gear tray ensures DL86 RGBW is quick and easy to maintain, whilst enabling sustainable technology upgrades. Applications include the exterior and perimeter of public buildings and housing blocks.

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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 (kgCO₂e) in accordance with [TM65.2](#).

Impact Resistance Rating: IK11 (50J). [What is IK Rating?](#)

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

Housing: Die-cast aluminium body.

Paint: Polyester powder coat. [All Colour Options Available Here.](#)

Diffuser: Polycarbonate diffuser with opal liner.

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

DL86RGBW	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
DL86-G1-RGBW-MW-DW	165 (white 4000K channel)	6	-	RGBW
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	0.6		-	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	50,000	E	-	-
	Dimensions			
	Ø102mm, 91mm			

■ Fitting Options

Matt White	-MW
Casambi Wireless Node	-DW
DALI-2 Dimming / Monitoring	-DA

- 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.

