



DL86 SC

IP65

IK20 (250J)

Downlights

Class II

Recessed

TM65/66

Custodial

DL86 SC is a ligature resistant downlight specifically designed for challenging environments such as custodial facilities.

Standard Colours

Matt White

Product Information

DL86 SC provides uniform light distribution and incorporates a removable, easy to maintain LED gear tray. DL86 SC is HMPPS “safer cell” approved as it is designed to minimise the risk of self-harm or injury by preventing the attachment of ligatures.

Supplied with first fix mounting bezel to ensure the luminaire can be disassembled and reinstated safely during maintenance without affecting the application of the anti-pic mastic.

Applications include prison cells and showers.

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: IK20 (250J). [What is IK Rating?](#)

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

Housing: Die-cast aluminium body with machined aluminium front plate, secured with tamperproof screws.

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

Diffuser: Translucent GRP diffuser.

Driver: Remote DALI driver as standard.

Mounting: Ceiling, recessed.

Cable Entry: Provision for cable entry in remote driver.

Design Life: 30+ years. [What is Design Life?](#)

■ **Technical Information**

DL86SC	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
Medium Beam				
DL86-SC-G1-750NM-MW-DA	782	11.2	70	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	0.8	CRI>80	-	L ₈₀ B ₁₀₀ >33,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	-	-
	Dimensions			
	Ø128mm, 100mm			
DL86-SC-G1-750WM-MW-DA	743	11.2	66	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	0.8	CRI>80	-	L ₈₀ B ₁₀₀ >33,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	-	-
	Dimensions			
	Ø128mm, 100mm			
Wide Beam				
DL86-SC-G1-750NW-MW-DA	762	11.2	68	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	0.8	CRI>80	-	L ₈₀ B ₁₀₀ >33,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	-	-
	Dimensions			
	Ø128mm, 100mm			
DL86-SC-G1-750WW-MW-DA	724	11.2	65	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	0.8	CRI>80	-	L ₈₀ B ₁₀₀ >33,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	-	-
	Dimensions			
	Ø128mm, 100mm			

■ Fitting Options

DALI-2 Dimming / Monitoring

-DA

Matt White

-MW

