



Uni-Cell

IP65

IK16 (150J)

Linear

Class I

Surface

Custodial

Uni-cell is a ligature resistant luminaire specifically designed for challenging environments, such as custodial facilities.

Standard Colours

Textured White

- Product Information

Uni-cell's uniform illumination ensures a consistent light distribution, enhancing visibility and reducing glare. Incorporating a removable gear tray ensures Uni-cell is quick and easy to maintain, whilst enabling sustainable technology upgrades.

Uni-cell is available in HMPPS Category 1 and HMPPS Category 3 (standard). It is the only fitting available to be certified HMPPS Category 1.

Uni-cell's Fybagard diffuser is compliant to 6mm burns test. The ligature resistant design helps prevent self-harming.

Applications include prison cells and de-escalation rooms.

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: IK16 (150J). [What is IK Rating?](#)

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

Housing: Zinc coated steel body.

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

Diffuser: Fybagard GRP diffuser in frame secured with tamperproof screws.

Driver: Electronic control gear on removable tray for ease of repair/upgrade with fused plug & socket connector block.

Mounting: Cornice.

Cable Entry: Provision for conduit entry in ends.

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

▪ **Technical Information**

Uni-Cell	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
L1100mm				
UC3-G2-3-1400W	1407	14.7	96	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	23	CRI>80	-	L70B50>102,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	B	-	412
	Dimensions			
	250mm x 250mm			
L1400mm				
UC3-G2-4-2600W	2650	27.9	95	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	28	CRI>80	-	L70B50>102,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	B	-	412
	Dimensions			
	250mm x 250mm			

■ Fitting Options

Night Light	-NL
Blank Ends	-BE
Maintained Emergency 3 Hour, Self Test	-ES
Maintained Emergency 3 Hour, DALI	-ED
Maintained Emergency 3 Hour	-E3
Textured White	-TW
DALI-2 Dimming / Monitoring	-DA

- For other options and dummy bodies, please contact technical sales.
- -EV option, please contact technical sales.
- -ER option, please contact technical sales on +44 (0)20 8254 2022 or email technical@designplan.co.uk.

