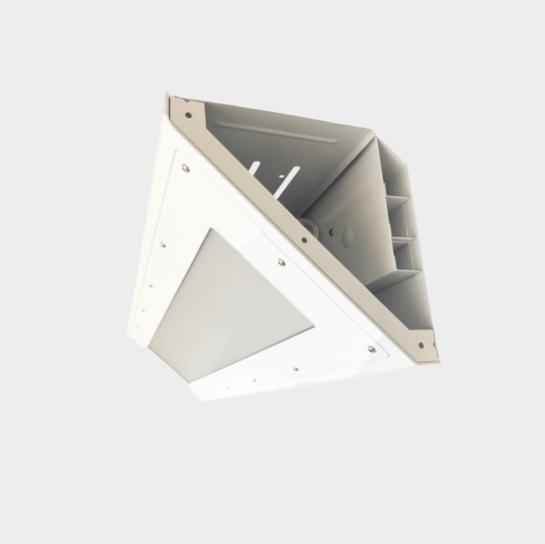


Uni-Cell G3

IP65 | IK20 (250J) | Linear | Class I | Surface

Uni-cell G3 is a ligature resistant luminaire specifically designed for challenging environments, such as custodial facilities.

Standard Colours

Textured White

Product Information

Uni-cell G3'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 G3's thick UV stable Diffuser passes the MOJ 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 ($kgCO_2e$) in accordance with TM65.2.

Impact Resistance Rating: IK20 (250J). 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: UV Stable Polycarbonate 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?

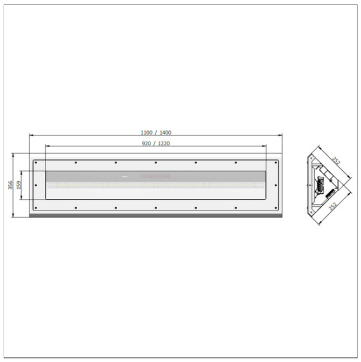
Technical Information

Uni-CellG3	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
L1100mm				
UC3-G3-3-1400W-PW	1438	13	110	3000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	20	80	-	$L_{90}B_{10}$>110,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	C	603	414
	Dimensions			
	252mm x 252mm			
L1400mm				
UC3-G3-4-2600W-PW	2666	20.5	130	3000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	28	80	-	$L_{90}B_{10}$>110,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	C	626	420
	Dimensions			
	252mm x 252mm			

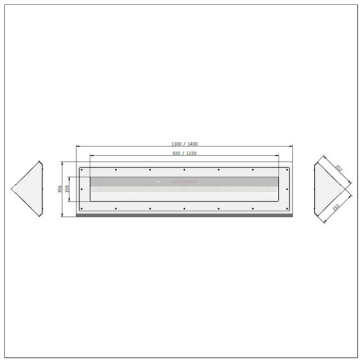
Fitting Options

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

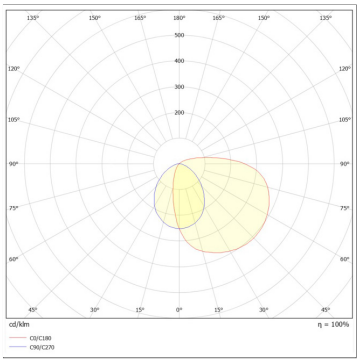
- For other options and dummy bodies, please contact technical sales on +44 (0)20 8254 2022 or email technical@designplan.co.uk.
- -DA option refers to main LEDs. For DALI Nightlight option please contact technical sales.
- -EV option, please contact technical sales.
- -ER option, please contact technical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



Uni-Cell G3 Drawing



Uni-Cell G3 Blank Ends Drawing



Uni-Cell G3 Polar Curve