Arculus Surface Tuneable White

IP65 | IK16 (150J) | Modular | Class I | TM65/66

Secure Healthcare

Arculus Surface Tuneable White is a ligature resistant luminaire designed for challenging environments including secure healthcare.

Standard Colours

Matt White | Matt Titanium

Product Information

Arculus Surface 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. The opal diffuser provides a soft lit appearance and the discreet side mounted fixing ensures a clean, unobtrusive aesthetic.
Arculus Surface 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, with a ligature resistant design to help prevent self-harming. It is designed to be disassembled and reinstated to ensure maintenance can be undertaken quickly and easily after anti-pick mastic application.
Application includes therapy rooms, communal areas, exercise areas, and nurses stations.
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: IK16 (150J). What is IK Rating?
Ingress Protection Rating: IP65. What is IP Rating?
Housing: Mild steel body, zinc coated steel frame.
Paint: Polyester powder coat. All Colour Options Available Here.
Diffuser: Flush opal polycarbonate diffuser in frame with side mounted tamperproof fixings.
Driver: Electronic control gear on a removable tray for ease of repair/upgrade with fused plug & socket connector block. DALI (Device type 8) driver as standard. Controlled by DALI control system (additional control devices required).
Mounting: Ceiling.
Cable Entry: Supplied with 1m flying lead in the back.
Design Life: 30+ years. What is Design Life?

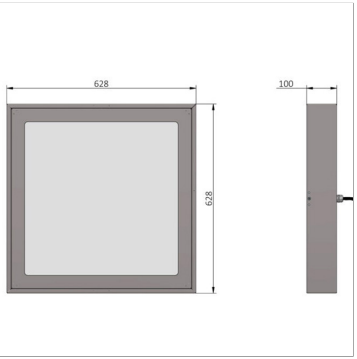
Technical Information

ArculusSurfaceTuneableWhite	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
Opal				
ARC-4300T-MW-DA	4395 @4000K	40.4	109	2700-6500
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	14.4	90	-	$L_{80}B_{10}$>72,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	-	-
	Dimensions			
	628mm x 628mm x 100mm			

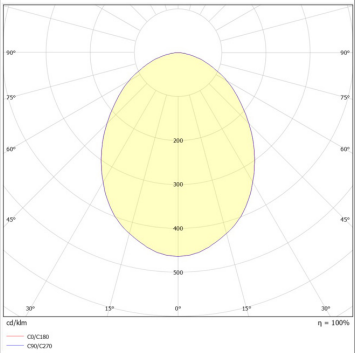
Fitting Options

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

- For paint colour options, please replace -MW 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.



Arculus Surface Tuneable White Drawing



Arculus Surface Tuneable White Polar Curve

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

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