Arculus Surface

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

Custodial | Secure Healthcare

Arculus Surface is a ligature resistant luminaire designed for challenging environments including custodial and secure healthcare.

Standard Colours

Matt White | Matt Titanium

Product Information

Arculus Surface's opal diffuser provides a soft lit appearance, while providing a functional light for tasks. The discreet side mounted fixing ensures a clean, unobtrusive aesthetic.

Arculus Surface 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.

Secure health applications include corridors and circulation spaces, therapy rooms, communal and exercise areas. Custodial applications include video conferencing, ancillary areas and educational environments.

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 $_2$e) 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.

Mounting: Ceiling.

Cable Entry: Supplied with 1m flying lead in the back.

Design Life: 30+ years. What is Design Life?

Technical Information

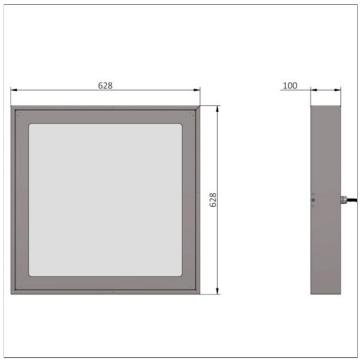
ArculusSurface	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
Opal				
ARC-2000N-MW	2189	17.5	125	4000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	14.4	CRI>90	-	$L_{70}B_{10}$>100,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	C	557	-
	Dimensions			
	628mm x 628mm x 100mm			
ARC-3000N-MW	3190	24.8	129	4000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	14.4	CRI>90	-	$L_{70}B_{10}$>100,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	C	557	-
	Dimensions			
	628mm x 628mm x 100mm			
ARC-4000N-MW	4373	34.2	128	4000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	14.4	CRI>90	-	$L_{70}B_{10}$>100,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	C	557	-
	Dimensions			
	628mm x 628mm x 100mm			
ARC-2000W-MW	2137	17.6	121	3000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	14.4	CRI>90	-	$L_{70}B_{10}$>100,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	D	536	-
	Dimensions			
	628mm x 628mm x 100mm			
ARC-3000W-MW	3075	24.9	123	3000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	14.4	CRI>90	-	$L_{70}B_{10}$>100,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	D	536	-
	Dimensions			
	628mm x 628mm x 100mm			

ArculusSurface	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
Opal				
ARC-4000W-MW	4238	34.4	123	3000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	14.4	CRI>90	-	$L_{70}B_{10}$>100,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	D	536	-
	Dimensions			
	628mm x 628mm x 100mm			

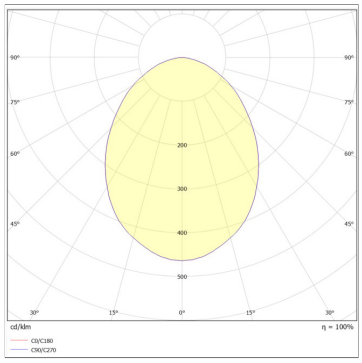
Fitting Options

DALI with **% Pre-set	-D
Maintained Emergency 3 Hour, Self Test	-ES
Maintained Emergency 3 Hour, DALI	-ED
Maintained Emergency 3 Hour	-E3
Matt White	-MW
Matt Titanium	-MT
DALI-2 Dimming / Monitoring	-DA

• For paint colour options, please replace -MW with required paint code.



Arculus Surface Drawing



Arculus Surface Polar Curve