



Arculus Recessed

IP65

IK16 (150J)

Modular

Class I

Recessed

TM65/66

Custodial

Secure Healthcare

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

Standard Colours

Matt White

Matt Titanium

Product Information

Arculus Recessed'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 Recessed 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 (kgCO₂e) in accordance with [TM65.2](#).

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

Ingress Protection Rating: IP65 (from below only). [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, recessed.

Cable Entry: Supplied with flying lead in the back.

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

■ Technical Information

| ArculusRecessed | Output (Lum/lm) | Load (W) | Efficacy (lm/W) | CCT (K) |
|-----------------|--------------------------------------|--------------------------|----------------------------------|---|
| Opal | | | | |
| ARC-2000N-MW-R | 2189 | 17.5 | 125 | 4000 |
| | Weight (kg) | CRI | High Temp (°C) | LED Lifetime |
| | 14.4 | CRI>90 | - | L ₈₀ B ₁₀₀ >72,000h |
| | 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 161mm | | | |
| ARC-3000N-MW-R | 3190 | 24.8 | 129 | 4000 |
| | Weight (kg) | CRI | High Temp (°C) | LED Lifetime |
| | 14.4 | CRI>90 | - | L ₈₀ B ₁₀₀ >72,000h |
| | 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 161mm | | | |
| ARC-4000N-MW-R | 4373 | 34.2 | 128 | 4000 |
| | Weight (kg) | CRI | High Temp (°C) | LED Lifetime |
| | 14.4 | CRI>90 | - | L ₈₀ B ₁₀₀ >72,000h |
| | 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 161mm | | | |
| ARC-2000W-MW-R | 2137 | 17.6 | 121 | 3000 |
| | Weight (kg) | CRI | High Temp (°C) | LED Lifetime |
| | 14.4 | CRI>90 | - | L ₈₀ B ₁₀₀ >72,000h |
| | 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 161mm | | | |
| ARC-3000W-MW-R | 3075 | 24.9 | 123 | 3000 |
| | Weight (kg) | CRI | High Temp (°C) | LED Lifetime |
| | 14.4 | CRI>90 | - | L ₈₀ B ₁₀₀ >72,000h |
| | 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 161mm | | | |

| ArculusRecessed | Output (Lum/lm) | Load (W) | Efficacy (lm/W) | CCT (K) |
|-------------------------------|-------------------|---------------------------|-----------------|----------------------------|
| Opal | | | | |
| ARC-4000W-MW-R | 4238 | 34.4 | 123 | 3000 |
| Weight (kg) | | | | |
| 14.4 | CRI > 90 | | High Temp (°C) | LED Lifetime |
| Driver lifetime (up to hours) | | | | |
| 100,000 | LED Energy Rating | Emergency Output (Lum/lm) | | Nightlight Output (Lum/lm) |
| Dimensions | | | | |
| 628mm x 628mm x 161mm | | | | |

Fitting Options

| | |
|--|-----|
| DALI-2 Dimming / Monitoring | -DA |
| Maintained Emergency 3 Hour, Self Test | -ES |
| Maintained Emergency 3 Hour, DALI | -ED |
| Maintained Emergency 3 Hour | -E3 |
| Matt White | -MW |
| Matt Titanium | -MT |

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

