



Arculus Linear Surface

IP65

IK16 (150J)

Linear

Class I

Surface

Secure Healthcare

Arculus Linear Surface is a ligature resistant luminaire specifically designed for challenging environments such as secure healthcare facilities.

Standard Colours

Matt White

Matt Titanium

Product Information

Arculus Linear 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 Linear 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.

Impact Resistance Rating: IK16 (150J). More information, [CLICK HERE](#).

Ingress Protection Rating: IP65. More information, [CLICK HERE](#).

Housing: Zinc coated steel body and frame.

Paint: Polyester powder coat. All colours available, [CLICK HERE](#).

Diffuser: Flush opal polycarbonate diffuser in frame with side mounted tamperproof fixings.

Driver: Electronic control gear on a removable tray with fused plug & socket connector block.

Mounting: Ceiling.

Cable Entry: Provision for cable entry in back.

■ Technical Information

| ArculusLinearSurface | Output (Lum/lm) | Load (W) | Efficacy (lm/W) | CCT (K) |
|----------------------|--------------------------------------|--------------------------|----------------------------------|-----------------------------------|
| L740mm | | | | |
| ARL-2-1600W-MW | 1626 | 12.9 | 126 | 3000 |
| | Weight (kg) | CRI | High Temp (°C) | LED Lifetime |
| | 7.8 | CRI>80 | - | L70B10>72,000h |
| | Driver lifetime (up to hours) | LED Energy Rating | Emergency Output (Lum/lm) | Nightlight Output (Lum/lm) |
| | 100,000 | C | 694 | 510 |
| | Dimensions | | | |
| | 217mm x 90mm | | | |
| ARL-2-2900W-MW | 2938 | 22.3 | 132 | 3000 |
| | Weight (kg) | CRI | High Temp (°C) | LED Lifetime |
| | 7.8 | CRI>80 | - | L70B10>72,000h |
| | Driver lifetime (up to hours) | LED Energy Rating | Emergency Output (Lum/lm) | Nightlight Output (Lum/lm) |
| | 100,000 | C | 694 | 510 |
| | Dimensions | | | |
| | 217mm x 90mm | | | |
| ARL-2-1700N-MW | 1703 | 12.9 | 132 | 4000 |
| | Weight (kg) | CRI | High Temp (°C) | LED Lifetime |
| | 7.8 | CRI>80 | - | L70B10>72,000h |
| | Driver lifetime (up to hours) | LED Energy Rating | Emergency Output (Lum/lm) | Nightlight Output (Lum/lm) |
| | 100,000 | B | 731 | 510 |
| | Dimensions | | | |
| | 217mm x 90mm | | | |
| ARL-2-3100N-MW | 3073 | 22.3 | 138 | 4000 |
| | Weight (kg) | CRI | High Temp (°C) | LED Lifetime |
| | 7.8 | CRI>80 | - | L70B10>72,000h |
| | Driver lifetime (up to hours) | LED Energy Rating | Emergency Output (Lum/lm) | Nightlight Output (Lum/lm) |
| | 100,000 | B | 731 | 510 |
| | Dimensions | | | |
| | 217mm x 90mm | | | |
| L1306mm | | | | |
| ARL-4-2700W-MW | 2686 | 20.6 | 131 | 3000 |
| | Weight (kg) | CRI | High Temp (°C) | LED Lifetime |
| | 12.5 | CRI>80 | - | L70B10>72,000h |
| | Driver lifetime (up to hours) | LED Energy Rating | Emergency Output (Lum/lm) | Nightlight Output (Lum/lm) |
| | 100,000 | C | 713 | 502 |
| | Dimensions | | | |
| | 217mm x 90mm | | | |

| ArculusLinearSurface | Output (Lum/lm) | Load (W) | Efficacy (lm/W) | CCT (K) |
|----------------------|--------------------------------------|--------------------------|----------------------------------|-----------------------------------|
| L1306mm | | | | |
| ARL-4-5300W-MW | 5347 | 39.4 | 136 | 3000 |
| | Weight (kg) | CRI | High Temp (°C) | LED Lifetime |
| | 12.5 | CRI>80 | - | L70B10>72,000h |
| | Driver lifetime (up to hours) | LED Energy Rating | Emergency Output (Lum/lm) | Nightlight Output (Lum/lm) |
| | 100,000 | C | 713 | 502 |
| | Dimensions | | | |
| | 217mm x 90mm | | | |
| ARL-4-2700N-MW | 2725 | 20.6 | 133 | 4000 |
| | Weight (kg) | CRI | High Temp (°C) | LED Lifetime |
| | 12.5 | CRI>80 | - | L70B10>72,000h |
| | Driver lifetime (up to hours) | LED Energy Rating | Emergency Output (Lum/lm) | Nightlight Output (Lum/lm) |
| | 100,000 | B | 750 | 502 |
| | Dimensions | | | |
| | 217mm x 90mm | | | |
| ARL-4-5500N-MW | 5540 | 39.3 | 141 | 4000 |
| | Weight (kg) | CRI | High Temp (°C) | LED Lifetime |
| | 12.5 | CRI>80 | - | L70B10>72,000h |
| | Driver lifetime (up to hours) | LED Energy Rating | Emergency Output (Lum/lm) | Nightlight Output (Lum/lm) |
| | 100,000 | B | 750 | 502 |
| | Dimensions | | | |
| | 217mm x 90mm | | | |
| L1589mm | | | | |
| ARL-5-3100W-MW | 3110 | 22.5 | 138 | 3000 |
| | Weight (kg) | CRI | High Temp (°C) | LED Lifetime |
| | 13.9 | CRI>80 | - | L70B10>72,000h |
| | Driver lifetime (up to hours) | LED Energy Rating | Emergency Output (Lum/lm) | Nightlight Output (Lum/lm) |
| | 100,000 | C | 697 | 498 |
| | Dimensions | | | |
| | 217mm x 90mm | | | |
| ARL-5-7100W-MW | 7063 | 51.3 | 138 | 3000 |
| | Weight (kg) | CRI | High Temp (°C) | LED Lifetime |
| | 13.9 | CRI>80 | - | L70B10>72,000h |
| | Driver lifetime (up to hours) | LED Energy Rating | Emergency Output (Lum/lm) | Nightlight Output (Lum/lm) |
| | 100,000 | C | 697 | 498 |
| | Dimensions | | | |
| | 217mm x 90mm | | | |

| ArculusLinearSurface | Output (Lum/m) | Load (W) | Efficacy (lm/W) | CCT (K) |
|----------------------|--------------------------------------|--------------------------|---------------------------------|----------------------------------|
| L1589mm | | | | |
| ARL-5-3200N-MW | 3230 | 22.5 | 144 | 4000 |
| | Weight (kg) | CRI | High Temp (°C) | LED Lifetime |
| | 13.9 | CRI>80 | - | L70B10>72,000h |
| | Driver lifetime (up to hours) | LED Energy Rating | Emergency Output (Lum/m) | Nightlight Output (Lum/m) |
| | 100,000 | B | 734 | 498 |
| | Dimensions | | | |
| | 217mm x 90mm | | | |
| ARL-5-7400N-MW | 7368 | 51.3 | 144 | 4000 |
| | Weight (kg) | CRI | High Temp (°C) | LED Lifetime |
| | 13.9 | CRI>80 | - | L70B10>72,000h |
| | Driver lifetime (up to hours) | LED Energy Rating | Emergency Output (Lum/m) | Nightlight Output (Lum/m) |
| | 100,000 | B | 734 | 498 |
| | Dimensions | | | |
| | 217mm x 90mm | | | |

■ Fitting Options

| | |
|------------------------------|-----|
| Night Light | -NL |
| Microwave Sensor - Advanced | -M2 |
| Microwave Sensor - Basic | -M1 |
| DALI-2 Dimming / Monitoring | -DA |
| Emergency Lithium DALI | -EK |
| Emergency Lithium, Self Test | -EJ |
| Emergency Lithium | -EL |
| Matt White | -MW |
| Matt Titanium | -MT |
| Corridor Function | -CF |

- For paint colour options, please replace -MW with required paint code.
- -CF will only work if combined with -M1, or an external presence detection sensor supplied by others.
- -DA and -M4 options cannot be combined.
- If you require more than one fitting option, please contact technical sales on +44 (0)20 8254 2022 or email technical@designplan.co.uk.
- For night light LED energy efficiency class E, LED Lifetime L_B >100,000h at 25 °C ambient and Driver Lifetime up to 100,000h at 25 °C ambient.

