



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 for ease of repair/upgrade 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 -M2, or an external presence detection sensor supplied by others.
- -DA and -M1 / -M2 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.

