Saunaled Sq

IP65 8W/827 DIM PCO TRL Sq

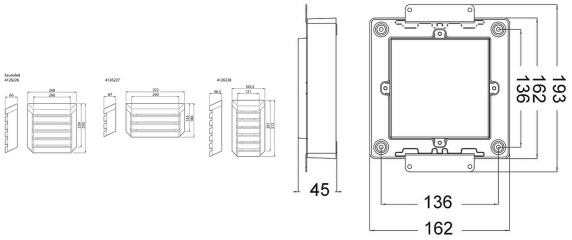
Sauna luminaire

Saunaled Sq (square) is a stylish sauna luminaire equipped with an integrated AC LED. The wooden shade is manufactured in Finland from high-quality domestic alder. The luminaire is dimmable, allowing you to adjust the light output to suit the atmosphere. The dust- and water-tight luminaire can be surface-mounted or recessed into the wall. We recommend treating the wooden parts with a wood protection product before use. You may also tint the wood to match your sauna interior. The product carries the Design from Finland label.

Saunaled Sq Sauna luminaire 8W 2700K 500lm Dim phase cut-on; IP65; Protection cl. I; L70B50 15000h; LED not exchangeable; CRI>80; SDCM5; Ending; 3x2.5mm²; Housing al; Colour wh; Cover Plastic, opal

Stocked: Yes













IP65 8W/827 DIM PCO TRL Sq			
PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4126226	4126226	1.436	Saunaled Sq

IP65 8W/827 DIM PCO TRL Sq

EC002892 Ceiling / wall luminaire

Mounting	
Suitable for wall mounting	Yes
Suitable for suspended mounting	No
Suitable for ceiling mounting	No
Suitable for recessed mounting	Yes
Suitable for surface mounting	Yes
Suitable for light line configuration	No
Suitable for clamp-mounting	No
Fit for workplace acc. EN 12464-1	No
Degree of protection (IP)	IP65
Degree of protection (IP), rear side	Other
Degree of protection (IP), front side	IP65
Luminaire with limited surface temperature, class "D“ in acc. with EN 60598-2-24	No
Suitable for emergency lighting	No
Emergency function monitoring system	None
Luminaire may be covered with thermally insulating material	No
Type of wiring	Ending
Number of poles	3
Conductor cross section (mm²)	2.5 mm²
Connection type	Screwed terminal
Connectable conductor cross section (min) (mm²)	1.5 mm²
Connectable conductor cross section (max) (mm²)	2.5 mm²

Structure	
With mounting material	Yes
Lamp type	LED not exchangeable
Light source included	Yes
Suitable for number of lamps	1
Lamp holder	Other
Housing material	Aluminium
Housing surface protection	Powder coating
Housing colour	White
Cover material	Plastic, opal
Type of grid	Matt
Control gear included	Yes
Exchangeable control gear	No
Energy efficiency class of light source according to EU regulation 2019/2015	G
Containing product according to 2019/2020/EU	Yes
Emergency power supply system	None
Emergency power supply integrated	No
With switch	No
With air slots	No
Filament test according to IEC 60695-2-11	650 °C - 30 s

Electrotechnical data	
Voltage type	AC
Nominal voltage (min) (V)	220 V
Nominal voltage (max) (V)	240 V
Nominal current (min) (mA)	45 mA
Nominal current (max) (mA)	45 mA
Type of control gear	Not required
Protection class according to IEC 61140	I
Suitable for lamp power (min) (W)	8 W
Suitable for lamp power (max) (W)	8 W
Luminaire efficacy (min) (lm/W)	62 lm/W
Luminaire efficacy (max) (lm/W)	62 lm/W
Maximum system power (W)	8 W
Luminaire efficacy (lm/W)	62 lm/W
Power factor	0.9
Total harmonic distortion (THD) (%)	20 %
Total harmonic distortion	20 THD

Dimming and control	
Dimmable	Yes
Dimming 0-10 V	No
Dimming 1-10 V	No
Dimming DALI	No
Dimming DALI-2	No
Dimming DMX	No
Dimming DSI	No
Dimming LineSwitch	No
Dimming manufacturer's proprietary system	No
Dimming mains voltage modulation	No
Dimming trailing edge	Yes
Dimming leading edge	Yes
Dimming programmable	No
Dimming potentiometer (integrated)	No
Dimming RF	No
Dimming Sine Wave Reduction	No
Dimming Touch and Dim	No
Dimming Zigbee	No
Dimming with push-button	No
No dimming function	No
With presence indicator	No
With movement sensor	No
With light sensor	No
Constant luminous flux control	No
Bluetooth operated	No
Compatible with Casambi	No
Compatible with Apple HomeKit	No
Compatible with Google Assistant	No
Compatible with Amazon Alexa	No
IFTTT support available	No

Photometric data	
Light distributor	Other
Light sharing	Symmetric
Beam angle	Open beam
Colour consistency (McAdam ellipse)	SDCM5
Light outlet	Direct
Rated luminous flux according to IEC 62722-2- 1 (min) (lm)	500 lm
Rated luminous flux according to IEC 62722-2- 1 (max) (lm)	500 lm
Colour of light (alphanumeric)	White
Effective luminous flux (lm)	500 lm
Colour temperature (min) (K)	2700 K
Colour temperature (max) (K)	2700 K
Flickering value Pst LM	1
Colour rendering index (CRI/Ra)	80-89
Stroboscope effect value SVM	0.4
Photobiological safety according to EN 62471	RG0
Colour temperature switchable	No
Lumen setting adjustable	Continuously variable
Beam angle adjustable	No

Lifetime and capacity	
Rated life time L70/B50 at 25 °C (h)	15000 h
Rated life time L80/B50 at 25 °C	10000 h
Failure rate at median useful life of 35,000 hrs at 25 °C ambient (tq) (%)	10 %
Failure rate at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)	15 %
Rated ambient temperature acc. IEC62722-2-1 (min) (°C)	5 °C
Rated ambient temperature acc. IEC62722-2-1 (max) (°C)	60 °C

Measurements	
Width (mm)	268 mm
Height/depth (mm)	270 mm
Length (mm)	66 mm
Built-in length (mm)	164 mm
Built-in width (mm)	164 mm
Built-in height/depth (mm)	45 mm