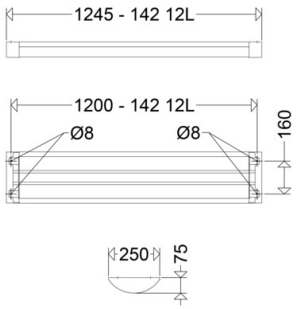
LED vandalproof light fitting

SEGURO
142 12L42
[Item no. : 14200 0004]



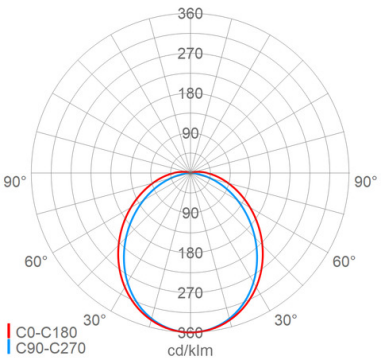
General product description

Extremely flat, robust Vandal-proof LED light fitting. Aluminum profile housing, powder-coated, with cable channel concealed on the back, all-round silicone gasket. Extremely impact-resistant PC diffuser, satin finish, with end caps made of die-cast aluminum, screwed concealed, can be suspended and removed. Painted aluminum reflector with Zhaga-compliant LED modules, ECG mounted in housing. End caps and diffuser are screwed to housing with recessed stainless steel safety screws. Cable entry on front side, concealed in end caps.



General product benefits

- extremely impact-resistant PC diffuser, IK value according to EN50102 >5xIK10 (100 Joule)
- suitable for high-pressure or steam cleaning (IPX9K tested)
- homogenous illumination due to frosted diffuser, comfortable perception of light and brilliant glare limitation
- safe function of the LED even in case of impacts or vibrations
- sustainable, interchangeable components
- future proof by using standardised Zhaga LED modules



Applications

- vandalism endangered areas in underground and railway stations, prisons, car parks, underpasses, public restrooms, schools, sports facilities etc.

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Technical data

General

EAN/GTIN:	4041254392103

Key technical data

Light source:	LED
LED module standard:	Zhaga
Exchangeability:	light source and control gear replaceable by qualified person
Connected load:	29 W
Luminaire luminous flux:	4120 lm
Luminous efficacy:	142 lm/W
Colour temperature:	4000 K
Colour rendering (CRI):	≥ 80
Light colour:	840
Admissible ambient temperature T_a:	-20 °C to +40 °C
Control gear:	1 x ECG, Overload protection, Short circuit protection
Energy efficiency class:	B
I LED max:	300 mA
BEG-eligible (Germany):	Yes

Lighting technology

Light distribution:	symmetrical wide beam
Beam angle:	120 °
Photobiological safety:	RG1

Service life

Service life LED:	L70>100000 h (@ Ta max), L80>70000 h (@ Ta max), L90>50000 h (@ Ta 25° C)

Electrical connection

Rated voltage:	220 - 240 V, 50/60 Hz
Terminal clamp:	Cage clamp, 3-polig, 0,75 - 2,5 mm²
Max. no. with circuit breaker B16:	26
CB B10/B13/B20:	17/22/33
CB C10/C13/C16/C20:	27/35/44/54
Cable entries:	M20 (4x), blanking plug (3x), pressure compensation element (1x), Plastic, 8 - 15 mm
In-out wiring (RR):	Yes

Features/Certificates

Protection class:	I
IP rating:	IP66, IPX9K
IK rating:	5xIK10
Limited surface temperature D:	Yes

Features/Certificates

Approval marks:	CE

Mounting

Mounting method (accessories possibly needed):	Ceiling, Wall
Operating position:	downwards radiation, forwards radiation, horizontal
Mounting:	Multi-point

Housing

Housing material:	Aluminium
Varnished:	Yes
Colour:	white, RAL 9016

Cover

Cover type / material:	Diffuser (PC)
Cover characteristic:	satined
Closure:	screwed (Stainless steel (1.4301))

Dimension/Weight

Length:	1245.00 mm
Width / Diameter:	250.00 mm
Height:	75.00 mm
Net weight:	8.52 kg

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Optional accessories / spare parts

Item no.	Item name	Item description
14211 9002	ABD 142 12	cover PC frosted
14211 9000	EK 142	end caps aluminum
90063 9000	2511	blanking plug M20