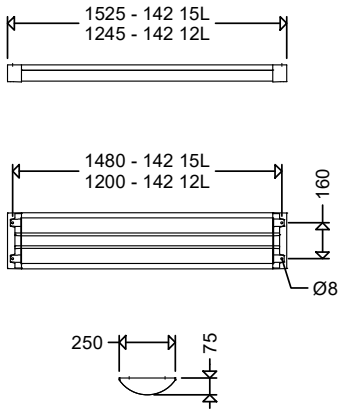


SEGURO
Vandal Proof LED Light Fitting
Series 142...

Applications:
Indoors as well as protected and unprotected outdoor areas, Subways, railway stations, underground/metro stations, car parks, lavatories, schools, sport stadiums, stairways, bus-stops, prisons etc.
(For damp and cold ambient conditions with low duty cycles and in the case of aggressive atmosphere, please contact us)

Design:
Housing: Flat, sturdy aluminium profile, powder-coated, RAL 9016 (traffic white). Concealed cable tray and mounting holes on the back, all-round silicone gasket.
Cover: Frosted polycarbonate, with die-cast aluminium end caps, concealed screw fixing, detachable and removable.
Reflector: Aluminium, white painted, with Zhaga-compliant LED modules.
Fasteners: With stainless steel safety screws M6 (TORX Tx30 with pin) countersunk in the end caps, the cover and end caps are screwed to the housing.
Electrical connection: 3-pole connection terminal
Cable entries: 2 x Ø 20mm with sealing plugs, concealed in the end cap on the face side, for in-out and continuous row wiring.
Mounting system: 4 holes Ø 8 mm, concealed. Please use screws Ø 6 mm for mounting.

Note:
For applications in salty atmospheres, we do recommend enclosures in special design with KTL coating.



Technical data:

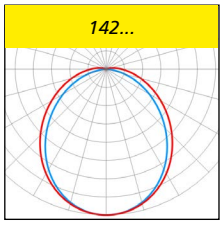
LED: Linear modules 4,000 K, CRI > 80, service life L_{90} > 50,000 h and L_{80} > 100,000 h at max. ambient temperature

ECG: 220-240 V, 50/60 Hz, overload and short-circuit protection

Ambient temperature: -20 °C bis +40 °C

Options:

– 2,200 K, 2,700 K, 3,000 K, 5,000 K, 6,500 K; light colours (**822, 827, 830, 850, 865**)
– coloured LEDs, for signal applications
– asymmetrical beam (**A**), e.g. for wall or corner mounting
– through-wiring (**DV**)
– cable entry, front side
– cover with anti-graffiti coating
– special painting in RAL colours
– for higher ambient temperatures (**H..**)
– protection class II (**SKII**)
– seawater-resistant version
– for connection to a central power supply system (**ZB**)



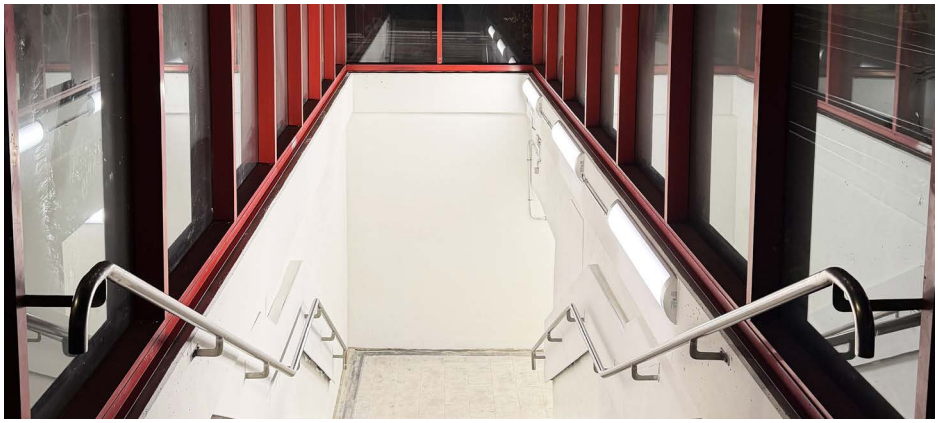
Options Luminous flux adjustment / Lighting control / Lighting management:

– Corridor Mode (**DIMC**)
– dimming function via DALI-2 interface, compatible with LIMAS Line wired Light Management System (**DIMD**)
– Corridor Mode with integrated motion sensor (**SENS**)
– power reduction with control phase (**LR**)
– constant luminous flux function (**CL**)

Product highlights:



- **flat, robust design made of aluminium profile**
- **IPX9K-tested** (high-pressure/steam jet cleaning)
- suitable for use in unprotected outdoor areas
- **extremely impact-resistant PC tray,** IK value in accordance with EN 50102 > 5 x IK10 (100 joules)
- **safe function** of the LED even in case of impacts or vibrations
- **homogeneous illumination** by using frosted covers, comfortable perception of light, brilliant glare limitation
- control gear and LED-module replaceable by qualified personnel on-site
- **future proof by using LED-modules according to Zhaga standard**



Properties, limitations and details for controlling LED-light fittings:
See "Technical Supplement"

All data are correct at the time of printing. Actual technical data can be found under www.schuch.de.

142 ...

Article no.	Type	Connected load [W]	Luminous flux [lm]	Luminous efficacy [lm/W]	Substitute for *	Weight [kg] without packing material
14200 0003	**142 12L22**	17	2.550	150	1 x 36W	7,7
14200 0004	**142 12L42**	29	4.120	142	2 x 36W	7,7
14200 0007	**142 12L60**	39	5.490	140	2 x 58W	7,7
14200 0005	**142 15L34**	24	3.560	148	1 x 58W	9,4
14200 0006	**142 15L60**	42	6.050	144	2 x 58W	9,4

IP66 | IPX9K | 5 x IK10

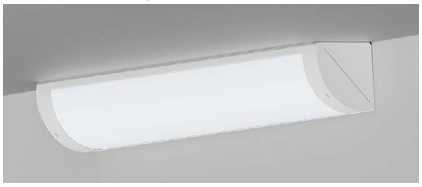
* The given information is for rough orientation only. In each individual case a lighting calculation is necessary.



Wall/ceiling angles **WDW 45 P**



Corner mounting with WDW 142 45 P



Accessories / Spare Parts

Article No.	Type	
14211 9000	**EK 142**	End cap, powder-coated aluminium RAL 9016
14211 9002	**ABD 142 12**	cover, frosted PC diffuser, for 142 12 ...
14211 9003	**ABD 142 15**	cover, frosted PC diffuser, for 142 15 ...
90063 9000	**2511**	blanking plug M20
90045 9007	**WDW 142 45 P**	2 wall/ceiling angle 45°, steel painted to RAL 9016 for corner mounting