Vandal Proof LED Light Fitting
Series 140 ...

Applications:
Subways, railway stations, underground stations, car parks, lavatories, schools, sport stadiums, stairways, bus-stops, prisons etc.,

Design:
Housing: Sheet steel powder-coated, RAL 9016 (traffic white) for indoor areas, or stainless steel (1.4301) for covered outdoor areas. Concealed cable tray and mounting holes on the back, all-round silicone gasket.
Cover: hinged and removable clear polycarbonate diffuser with end caps on the front sides, concealed joint with the cover.
Reflector: aluminium, white painted.

Easy to remove via keyholes, all electrical components mounted, LED-modules with additional covers for glare limitation.
Fasteners: stainless steel, cover and end caps fixed with the housing using safety screws M6 (TORX Tx30 with pin) counter-sunk in the end caps (special fasteners on request).
Electrical connection: 3-pole connection terminal; max. 2.5mm².
Cable entries: 2 x Ø20mm with grommets at the back.
Mounting system: 4 holes 9 mm Ø, hidden at the back of the housing. Sealing and pressure disks can be found inside the fitting. Please use screws Ø 6mm for mounting.

Note:
For applications in seaside areas we do recommend a special version with housings made from high grade stainless steel 1.4571 with an additional powder coating.
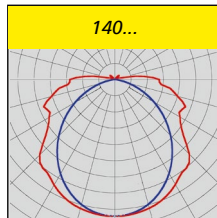
Technical data:

LED: Linear modules 4,000K, CRI > 80, ifetime L_{90} > 50.000h at 25°C ambient temperature, lifetime L_{80} > 70,000h at max. ambient temperature
ECG: 220-240V, 50/60Hz, overload and short-circuit protection
Ambient temperature: -20°C bis +35°C

140...

Options:
– 6,500K
– stainless steel housing (1.4571), painted (for seaside areas)
– for higher ambient temperatures
– special paint finish in any RAL colour
– for connection to group or central battery systems (ZB) or emergency mains

respectively
– with dimming function via DALI2 interface, compatible with LIMAS Line BASIC/PRO (**DIMD**) Light Management System
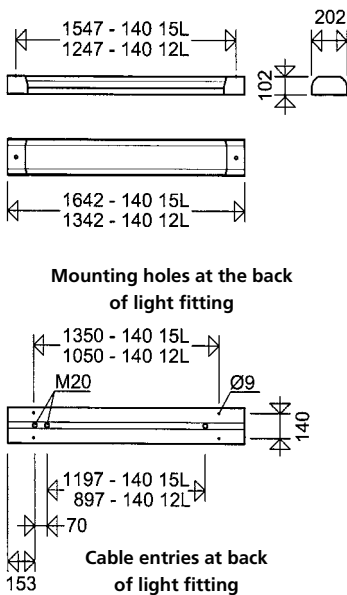
Product highlights:
- sturdy version
- rugged housing, end caps and polycarbonate diffuser due to angular design
- polycarbonate diffuser of high impact strength, IK value acc. to EN 50102 > 2 x IK 10 (ê 40 joule min.)
- **homogeneous illumination** by using frosted covers (for glare limitation), no particular light points visible, comfortable perception of light, brilliant glare limitation
- safe function of the LED even in case of impacts or vibrations
- ECG and LED-modules replacable by end-user (**no single use light fitting**)
- **future proof** by using LED-modules according to **Zhaga** standard

>40J

1547 - 140 15L
1247 - 140 12L
202
102

1642 - 140 15L
1342 - 140 12L

Mounting holes at the back of light fitting

1350 - 140 15L
1050 - 140 12L
M20
Ø9
140

1197 - 140 15L
897 - 140 12L
70

Cable entries at back of light fitting
153

! 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.

Article no.	Type	Power consumption [W]	Luminous flux [lm]	Luminous efficacy [lm/W]	Substitute for *	Weight [kg] without packing material
140 ...		LED	IP54	2 x IK10		
with painted sheet steel housing						
14005 0073	**140 12L22 SBL**	17	2.550	150	1 x 36W	8,8
14005 0074	**140 12L42 SBL**	31	4.450	144	2 x 36W	8,8
14005 0075	**140 15L34 SBL**	24	3.710	155	1 x 58W	9,5
14005 0076	**140 15L60 SBL**	45	6.580	146	2 x 58W	9,5
with stainless steel housing						
14005 0003	**140 12L22**	17	2.550	150	1 x 36W	7,1
14005 0004	**140 12L42**	31	4.450	144	2 x 36W	7,1
14005 0005	**140 15L34**	24	3.710	155	1 x 58W	9,2
14005 0006	**140 15L60**	45	6.580	146	2 x 58W	9,2

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

Article No.	Type	
14011 9005	**140 036 SBL**	Spare glass PC clear with sheet steel end caps, painted RAL9016, for 140 12L..
14011 9006	**140 058 SBL**	Spare glass PC clear with sheet steel end caps, painted RAL9016, for 140 15L..
14011 9000	**140 036**	Spare glass PC clear with stainless steel end caps, for 140 12L..
14011 9001	**140 058**	Spare glass PC clear with stainless steel end caps, for 140 15L..
90063 9000	**2511**	blanking plug M20

Accessories / Spare Parts

Article No.	Type	
14011 9005	**140 036 SBL**	Spare glass PC clear with sheet steel end caps, painted RAL9016, for 140 12L..
14011 9006	**140 058 SBL**	Spare glass PC clear with sheet steel end caps, painted RAL9016, for 140 15L..
14011 9000	**140 036**	Spare glass PC clear with stainless steel end caps, for 140 12L..
14011 9001	**140 058**	Spare glass PC clear with stainless steel end caps, for 140 15L..
90063 9000	**2511**	blanking plug M20