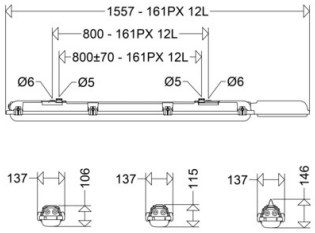
LED emergency light fitting

PROXIMA
161PX 12L42/1 H50 MA
[Item no. : 16144 0055]



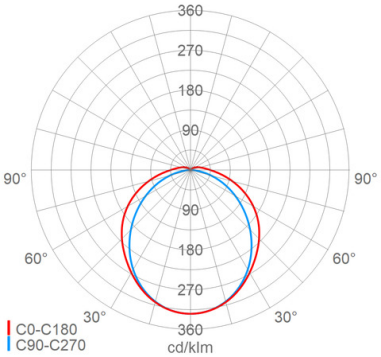
General product description

Sturdy LED damp-proof emergency light fitting, self-contained for high ambient temperatures with automatic monitoring in accordance with EN62034. Highly impact-resistant glass fibre reinforced polyester housing and frosted diffuser with high mechanical resistance. Captive safety clips, multi-part, silicone gasket. Powder-coated aluminium reflector with highly efficient Zhaga LED modules and LED covers (protection against contact). Separate battery box attached to the front of the luminaire. Battery with temperature monitoring, short circuit proof connection, reverse battery protection and deep discharge protection. Automatic monitoring with optical indication of the test results. FastFix mounting system with sliding stainless steel mounting clips and brackets for chain suspension.



General product benefits

- sturdy, extremely reliable high-quality light fitting for application in rough industrial environments
- high impact-resistant housing, wall thickness 1.8mm
- diffuser with high mechanical resistance, wall thickness 2.0mm
- ready for operation at all time due to permanent trickle charging (>0°C)
- Security in case of emergency - instant light with maximum luminous flux, discharge even also possible at low temperatures
- sturdy safety clips to ensure protection against accidental contact
- FastFix mounting system with stainless steel mounting clips for variable mounting distances
- front-side in/out wiring possible as standard
- variable cable entry possible through additional entries on the top of the enclosure at the front or in the centre, centring holes available
- homogenous illumination due to frosted diffuser, comfortable perception of light
- sustainable, interchangeable components
- future proof by using standardised Zhaga LED modules



Applications

- humid, wet and dusty indoor areas as replacement lighting in the event of a power failure, or as safety lighting to illuminate escape and rescue routes
- areas with high ambient temperatures

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Technical data

General

EAN/GTIN:	4041254429434

Emergency lighting

Emergency power supply:	self-contained (MA)
Operating mode:	Maintained mode (DS)
Luminaire luminous flux emergency operation:	600 lm
Monitoring:	Self test
Battery type:	LiFePO4
operating time:	1 h

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:	4220 lm
Luminous efficacy:	146 lm/W
Colour temperature:	4000 K
Colour rendering (CRI):	≥ 80
Light colour:	840
Admissible ambient temperature T_a:	0 °C to +50 °C
Control gear:	1 x ECG, Overload protection, Short circuit protection
I LED max:	275 mA
BEG-eligible (Germany):	Yes

Lighting technology

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

Service life

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

Electrical connection

Rated voltage:	220 - 240 V, 50/60 Hz
Terminal clamp:	Cage clamp, 4-polig, 0,75 - 2,5 mm²
Max. no. with circuit breaker B16:	21
CB B10/B13/B20:	14/18/27
CB C10/C13/C16/C20:	21/28/35/43
Cable entries:	M20 (2x), blanking plug (2x), Plastic, 8 - 15 mm
In-out wiring (RR):	Yes

Features/Certificates

Protection class:	I
IP rating:	IP65
IK rating:	IK06
Approval marks:	CE

Mounting

Mounting method (accessories possibly needed):	Ceiling, Wall, Ceiling with bracket, Ceiling with angle, Wall with bracket, Wall with angle, Suspended, Mounting rail
Operating position:	downwards radiation, forwards radiation, horizontal
Mounting:	fast mounting system FastFix, 2-point

Housing

Housing material:	Glass fibre reinforced polyester
Colour:	grey

Cover

Cover type / material:	Diffuser (PMMA)
Cover characteristic:	satined
Closure:	Clips (Plastic)

Dimension/Weight

Length:	1557.00 mm
Width / Diameter:	137.00 mm
Height:	115.00 mm
Net weight:	4.10 kg

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Optional accessories / spare parts

Item no.	Item name	Item description
16111 9040	ABD 161PX 06	cover PMMA satined
16111 9042	ABD 161PX 15	cover PMMA satined
16111 9041	ABD 161PX 12	cover PMMA satined
16111 9043	ABD 161PX 06 PC	cover PC satined
16111 9044	ABD 161PX 12 PC	cover PC satined
16111 9045	ABD 161PX 15 PC	cover PC satined
16111 9046	ABD 161PX 06 LM	cover high chemical resistant clear IFS
16111 9047	ABD 161PX 12 LM	cover high chemical resistant clear IFS
16111 9048	ABD 161PX 15 LM	cover high chemical resistant clear IFS
90053 9009	KKS FR VE10	safety clips (10 pcs.)
90055 9007	KE/KES G2 VE10	locking clips (10 pcs.) with 2 safety clips
90053 9004	KKS FR P	safety clips (1 pair)
90055 9006	KES G2 P	safety clips (1 pair)
90063 9000	2511	blanking plug M20
25610 9000	2561	cable gland M20
25600 9000	2560	cable gland M25
90259 9002	DAE20	breather M20
90259 9003	DAE20/25	breather M20 with extension M25
90094 0005	183 RO 112 A P SD	
90094 0006	183 RO 2 A P SD	
90303 9000	SWABF 161PX E4 P	wall and ceiling mounting (1 pair) stainless steel 1.4571 swivel arm mounting
90295 9000	FB SENSOTEC-MINI	IR remote control