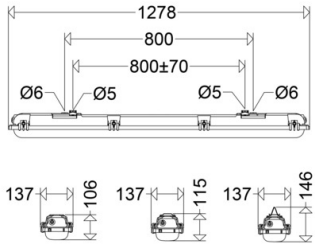
LED damp-proof light fitting

PROXIMA
161PX 12L VARIO LM
[Item no. : 16132 0090]



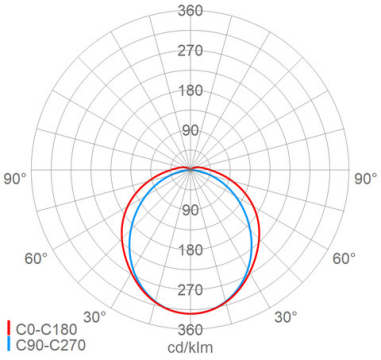
General product description

Sturdy LED damp-proof light fitting with variably adjustable luminous flux. Highly impact-resistant glass fibre reinforced polyester housing and shatterproof, highly chemical-resistant diffuser with high impact resistance, clear with inner prisms. Captive safety clips, multi-part, silicone gasket. Powder-coated aluminium reflector with highly efficient Zhaga LED modules and ECG with overload and short circuit protection. FastFix mounting system with sliding stainless steel mounting clips and brackets for chain suspension.



General product benefits

- for application in food industry areas, in accordance with IFS/BRC/VDMA standards, applicable without restrictions in plants, that have to fulfil the HACCP Concept
- universally usable due to variable setting of the luminous flux depending on the requirement (replaces fluorescent lamps from 1x36W up to 2x58W)
- high flexibility due to almost infinitely variable luminous flux setting
- quick and easy adjustment on-site
- adjustable at any time (e.g. change of use of the premises with new requirements in regard to the level of illumination
- sturdy, extremely reliable high-quality light fitting
- high impact resistant housing, chemical and UV resistant
- shatterproof special diffusor with very high impact resistance even at high long-term operating temperature
- resistant to greases and aggressive cleaning agents, disinfectants and solvents (we recommend the respective cleaning agents and disinfectants to be tested on their resistance (resistance index on request)
- 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
- maximum standardisation and highly economical storage (only one light fitting instead of multiple versions)
- sustainable, interchangeable components
- future proof by using standardised Zhaga LED modules



Applications

- humid, wet and dusty indoor areas and sheltered outdoor areas in commerce, trade and industry etc.
- food industry, food processing factories and suppliers to the food industry that have to fulfil IFS, BRC or HACCP standards or comparably strict requirements (e. g. production of food packaging). The light fitting is not sutiable for cleaning with high pressure cleaners

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- areas, where one standardised LED-light fitting with variable setting of luminous flux shall be used for different illumination tasks

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Technical data

General

EAN/GTIN:	4041254377056

Key technical data

Light source:	LED
LED module standard:	Zhaga
Exchangeability:	light source and control gear replaceable by qualified person
Connected load:	11 W, 39 W
Luminaire luminous flux:	1590 lm, 5900 lm
Luminous efficacy:	145 lm/W, 151 lm/W
Colour temperature:	4000 K
Colour rendering (CRI):	≥ 80
Light colour:	840
Admissible ambient temperature T_a:	-20 °C to +45 °C
Control gear:	1 x ECG, Overload protection, Short circuit protection
Energy efficiency class:	B
I LED max:	400 mA
BEG-eligible (Germany):	Yes
Special features:	variable and almost stepless adjustable luminous flux/connected load (Attention: only min, max values listed above). Max. ambient temperature depending on luminous flux setting

Lighting technology

Optical system:	Diffuser
Optical system material:	PMMA
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, 3-polig, 0,75 - 2,5 mm²
Max. no. with circuit breaker B16:	16
CB B10/B13/B20:	11/13/21
CB C10/C13/C16/C20:	16/21/27/33

Electrical connection

Cable entries:	M20 (3x), blanking plug (3x), Plastic, 8 - 15 mm
In-out wiring (RR):	Yes

Features/Certificates

Protection class:	I
IP rating:	IP65
IK rating:	IK08
Limited surface temperature D:	Yes
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, vertical
Mounting:	fast mounting system FastFix, 2-point

Housing

Housing material:	Glass fibre reinforced polyester
Colour:	grey

Cover

Cover type / material:	Diffuser (high chemical resistant)
Cover characteristic:	clear
Closure:	Clips (Stainless steel (1.4571))

Other features

International Food Standard (IFS):	Yes

Dimension/Weight

Length:	1278.00 mm
Width / Diameter:	137.00 mm
Height:	115.00 mm
Net weight:	2.80 kg

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Optional accessories / spare parts

Item no.	Item name	Item description
16111 9040	ABD 161PX 06	cover PMMA satined
16111 9041	ABD 161PX 12	cover PMMA satined
16111 9042	ABD 161PX 15	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