LED damp-proof light fitting

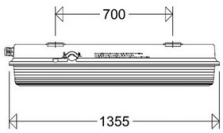
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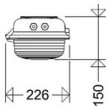
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General product description

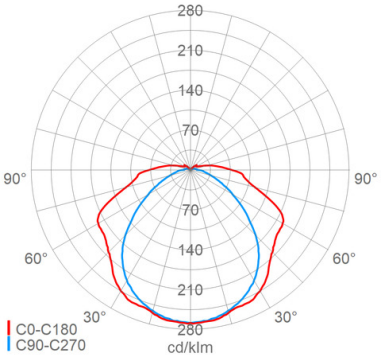
Extremely sturdy LED damp-proof light fitting for application in unprotected outdoor areas. Highly impact-resistant glass fibre reinforced polyester housing and clear PC diffuser with very high impact resistance. Central locking system, silicone gasket and pressure compensation system. Powder-coated aluminium reflector with highly efficient Zhaga LED modules, frosted LED covers for glare limitation and ECG with overload and short circuit protection.





General product benefits

- extremely sturdy high-quality light fitting with high mechanical and chemical resistance, for long-term application in rough industrial and unprotected outdoor areas
- housing and PC diffuser with high impact resistance, robust internal central locking system
- pressure compensation system to prevent condensation inside the light fitting
- highly efficient by using high-quality LED modules
- homogenous illumination due to frosted protective covers on the LED modules, comfortable perception of light and brilliant glare limitation
- colour rendering index CRI>80, according to the workplace guidelines suitable for nearly all plant locations
- best suitable for food industry and food processing industry, in accordance with IFS Food (International Featured Standard Food)
- sustainable, interchangeable components
- future proof by using standardised Zhaga LED modules



Applications

- protected and unprotected outdoor areas with high mechanical strains, e.g. areas with high wind loads, walkways, stairs, steel constructions, tube arms, on buildings, storage tanks etc.

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Technical data

General

EAN/GTIN:	4041254319490

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:	4280 lm
Luminous efficacy:	148 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

Optical system:	Diffuser
Optical system material:	PMMA
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, 5-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:	M25 (3x), pressure compensation element (1x), screw plug (2x), cable gland (2x), Plastic, 9 - 17 mm
In-out wiring (RR):	Yes

Features/Certificates

Protection class:	I
IP rating:	IP66
IK rating:	IK10

Features/Certificates

Limited surface temperature D:	Yes
Approval marks:	CE

Mounting

Mounting method (accessories possibly needed):	Ceiling with bracket, Ceiling with angle, Pole with pipe clamp, Pipe clamp, Mounting rail, Wall with bracket, Wall with angle
Operating position:	downwards radiation, forwards radiation, vertical, horizontal
Mounting:	2-point

Housing

Housing material:	Glass fibre reinforced polyester
Colour:	grey

Cover

Cover type / material:	Diffuser (PC)
Cover characteristic:	clear with inner-prisms
Closure:	Central locking (hex socket 13mm)

Other features

International Food Standard (IFS):	Yes
Pressure compensation system:	Yes

Dimension/Weight

Length:	1355.00 mm
Width / Diameter:	226.00 mm
Height:	150.00 mm
Net weight:	6.60 kg

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Optional accessories / spare parts

Item no.	Item name	Item description
84001 9004	ABD 8404 SIL	
25600 9000	2560	cable gland M25
90118 9000	2538	screw plug M25 for Ex-Zone 1/21
90259 9003	DAE20/25	breather M20 with extension M25
90001 0002	H8V P	2 suspension eyes with bolt M8, stainless steel
90000 0002	DS 15A P	ceiling rail (1 pair) galvanised steel with 2 M8 screws
90032 0002	DS 15AV P	ceiling rail (1 pair) stainless steel 1.4571 with 2 M8 screws
90037 0004	RO84 112 A P	Pipe clamp (1 pair) stainless steel material 1.4571 1 1/2" with support and 4 M8 screws also for pole mounting
90038 0004	RO84 2 A P	Pipe clamp (1 pair) stainless steel material 1.4571 1 2" with support and 4 M8 screws also for pole mounting
26000 0008	WW 26 L P	wall mounting (1 pair) galvanised steel 55° with 2 M8 screws long version
26000 0002	WW 26/30 P	wall mounting (1 pair) galvanised steel 30° with 2 M8 screws
26000 0003	WW 26/45 P	wall mounting (1 pair) galvanised steel 45° with 2 M8 screws