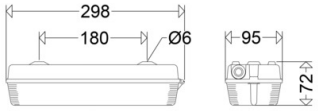
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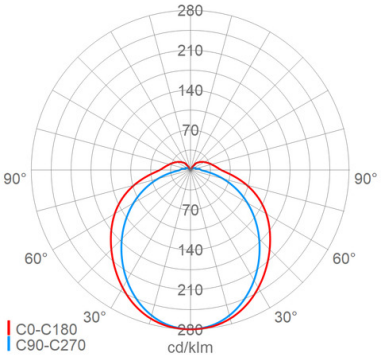
General product description

Small high impact resistant LED damp-proof light fitting with PC housing, frosted PC diffuser, with multiple hinge at one side, captive screws for closing the light fitting and silicone gasket. Powder-coated aluminium reflector with highly efficient Zhaga LED modules and ECG with overload and short circuit protection.



General product benefits

- sturdy, high impact resistant and compact design, made entirely of PC
- perfectly suited for confined space conditions
- homogenous illumination due to frosted diffuser, comfortable perception of light and brilliant glare limitation
- High colour rendering Ra>80, suitable for almost all workplaces in accordance with the Workplace Directive (does not apply to coloured LEDs)
- 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.
- areas with low lighting requirements, e.g. small rooms, cold storage cells, corridors, staircases, above doors, entries and exits, under canopies etc., machine lighting, signal applications with coloured LED, wind mills, areas with rough conditions
- 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
- for damp and cold ambient conditions with low duty cycles, please contact us

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Technical data

General

EAN/GTIN:	4041254267784

Key technical data

Light source:	LED
LED module standard:	Zhaga
Exchangeability:	light source and control gear replaceable by qualified person
Connected load:	5 W
Luminaire luminous flux:	660 lm
Luminous efficacy:	132 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:	350 mA

Lighting technology

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

Service life

Service life LED:	L90>50000 h (@ Ta max), L80>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:	75
CB B10/B13/B20:	48/61/94
CB C10/C13/C16/C20:	78/101/127/156
Cable entries:	M20 (1x), blanking plug (1x), Plastic, 8 - 15 mm

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, Ceiling with bracket, Ceiling with angle, Wall, Wall with bracket, Wall with angle
Operating position:	downwards radiation, forwards radiation, horizontal
Mounting:	2-point

Housing

Housing material:	Plastic (PC)
Colour:	white

Cover

Cover type / material:	Diffuser (PC)
Cover characteristic:	satined
Closure:	screwed (Stainless steel (1.4301))

Other features

International Food Standard (IFS):	Yes

Dimension/Weight

Length:	298.00 mm
Width / Diameter:	95.00 mm
Height:	72.00 mm
Net weight:	0.40 kg

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Optional accessories / spare parts

Item no.	Item name	Item description
13011 9007	ABD 130 F	cover PC frosted
13111 9006	ABD 131 F	cover PC frosted
90062 9000	2510	blanking plug M16
90063 9000	2511	blanking plug M20
90004 0009	SK 130/131/2	spare wire guard
90232 0012	WA 45 ALU	wall mounting aluminium 45°
90232 0013	WA 90 ALU	wall mounting aluminium 45°
90232 0004	DA	bracket for direct ceiling mounting, steel