LED compact light fitting

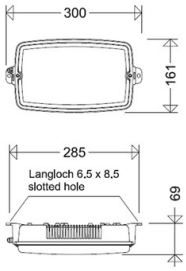
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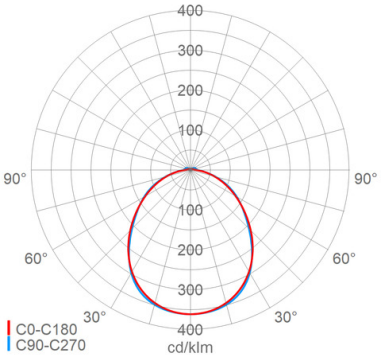
General product description

Compact LED light fitting for application in unprotected outdoor areas. Powder-coated die-cast aluminium housing and outer fixing points, frosted cover, silicone gasket and pressure compensation system. LED modules and ECG with overload and short circuit protection.



General product benefits

- robust light fitting for rough environmental conditions
- perfectly suited for confined space conditions
- optional coloured LED for signal applications
- homogenous illumination due to frosted diffuser, comfortable perception of light and brilliant glare limitation
- fast mounting due to outer fixing points
- sustainable, interchangeable components
- future proof by using standardised Zhaga LED modules



Applications

- unprotected outdoor areas, e.g. mounted to industrial plants, external gangways, stairs, walls, ceilings, doors, bus stops, train stations,subways, construction sites, under canopies etc. The light is not to be used in areas with high mechanical stress (wind) or seldom usage (i.e. maintenance and inspection only).
- 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., signal applications with coloured LED, areas with rough conditions
- light fitting is not suitable for use in areas with permanently high humiditiy and short operation time, e.g. sewage plants and rainwater retention basins

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Technical data

General

EAN/GTIN:	4041254326092

Key technical data

Light source:	LED
LED module standard:	Zhaga
Exchangeability:	light source and control gear replaceable by qualified person
Connected load:	12 W
Luminaire luminous flux:	1180 lm
Luminous efficacy:	98 lm/W
Colour temperature:	4000 K
Colour rendering (CRI):	≥ 80
Light colour:	840
Admissible ambient temperature T_a:	-20 °C to +30 °C
Control gear:	1 x ECG, Overload protection, Short circuit protection
Energy efficiency class:	B
I LED max:	700 mA

Lighting technology

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, 3-polig, 0,75 - 2,5 mm²
Max. no. with circuit breaker B16:	27
CB B10/B13/B20:	18/22/34
CB C10/C13/C16/C20:	28/36/45/56
Cable entries:	M20 (1x), cable gland (1x), Plastic, 6 - 13 mm

Features/Certificates

Protection class:	I
IP rating:	IP65
IK rating:	IK09
Limited surface temperature D:	Yes
Approval marks:	CE

Mounting

Mounting method (accessories possibly needed):	Ceiling, Wall

Mounting

Operating position:	downwards radiation, forwards radiation, horizontal
Mounting:	2-point

Housing

Housing material:	Die-cast aluminium
Varnished:	Yes
Colour:	white, RAL 9016

Cover

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

Other features

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

Dimension/Weight

Length:	300.00 mm
Width / Diameter:	161.00 mm
Height:	69.00 mm
Net weight:	1.02 kg

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Optional accessories / spare parts

Item no.	Item name	Item description
36004 9003	ABD 3611 F	cover PC frosted