LED damp-proof light fitting

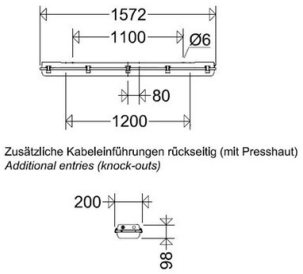
16415L120G2 DIMC-Z30

[Item no. : 16415 0031]



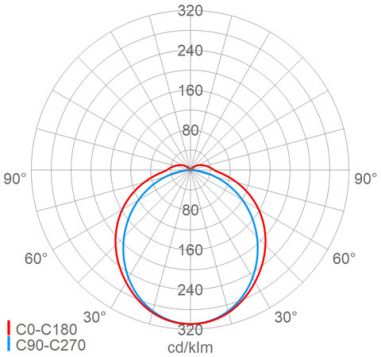
General product description

LED damp-proof light fitting with glass fibre reinforced polyester housing, diffuser, foamed gasket and clips, incl. two safety clips. Powder-coated reflector with highly efficient Zhaga LED modules and dimmable ECG with overload and short circuit protection as well as dimming mode "Corridor Mode".



General product benefits

- high energy saving potential by needs-based light control
- high-quality light fitting with highly mechanical resistance
- highly efficient by using high-quality LED modules
- homogenous illumination due to frosted diffuser, comfortable perception of light and brilliant glare limitation
- 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.
- areas where light fittings are controlled via motion sensor or door contact, e.g. storage areas, shelf aisles, areas with high energy saving potential at times without public access, e.g. car parks, areas where a 24/7 illumination is required

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Technical data

General

EAN/GTIN:	4041254356631

Key technical data

Light source:	LED
LED module standard:	Zhaga
Exchangeability:	light source and control gear replaceable by qualified person
Connected load:	80 W
Luminaire luminous flux:	12030 lm
Luminous efficacy:	150 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:	2 x ECG, Overload protection, Short circuit protection
Energy efficiency class:	B
I LED max:	325 mA
BEG-eligible (Germany):	Yes

Lighting control

Dimmable:	Yes
Dimming method:	Corridor mode (DIMC)
Dimming range:	10 - 100 %
DALI-addresses per luminaire:	2
DALI-standard:	DT6
Special features:	Automatic switch-off (30 minutes 10% background level, then the light switches off [0%])

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, 4-polig, 0,75 - 2,5 mm²
Max. no. with circuit breaker B16:	11
CB B10/B13/B20:	7/9/14
CB C10/C13/C16/C20:	11/14/18/22

Electrical connection

Cable entries:	M20 (2x), blanking plug (2x), Plastic, 8 - 15 mm

Features/Certificates

Protection class:	I
IP rating:	IP65
IK rating:	IK04
Limited surface temperature D:	Yes
Approval marks:	CE

Mounting

Mounting method (accessories possibly needed):	Ceiling, Wall, Ceiling with bracket, Ceiling with angle, Suspended, Mounting rail, Wall with bracket, Wall with angle
Operating position:	downwards radiation, forwards radiation, horizontal
Mounting:	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:	1572.00 mm
Width / Diameter:	200.00 mm
Height:	98.00 mm
Net weight:	3.90 kg

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Optional accessories / spare parts

Item no.	Item name	Item description
16411 9008	ABD 164 036 F G2	cover PMMA frosted
16411 9009	ABD 164 058 F G2	cover PMMA frosted
16411 9004	ABD 164 036 PC	cover PC clear pearled
16411 9005	ABD 164 058 PC	cover PC clear pearled
90063 9000	2511	blanking plug M20
25610 9000	2561	cable gland M20
25600 9000	2560	cable gland M25
90123 9007	163 KK/KKS VE08	locking clips (8 pcs.) with 2 safety clips
90123 9006	163 KE/KES VE08	locking clips (8 pcs.) with 2 safety clips
90123 9004	163 KKS P	safety clips (1 pair)
90123 9005	163 KES P	safety clips (1 pair)
90004 0005	SK 240	wire guard powder coated for 162 12../164 12..
90004 0006	SK 265	wire guard powder coated for 162 15../164 15..
90245 0005	164 RO 112 A P	2 pipe clamps 1 1/2", stainless steel, with support
90245 0006	164 RO 2 A P	2 pipe clamps 2", stainless steel, with support
90049 0002	183 S	hook stainless steel for chain mounting
90095 0001	DS 183	ceiling rail stainless steel with M5 screw