LED damp-proof light fitting

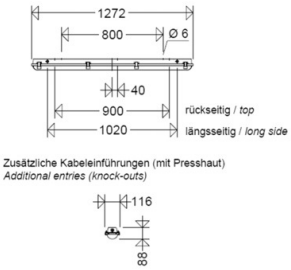
163 12LG2 VARIO

[Item no. : 16302 0010]



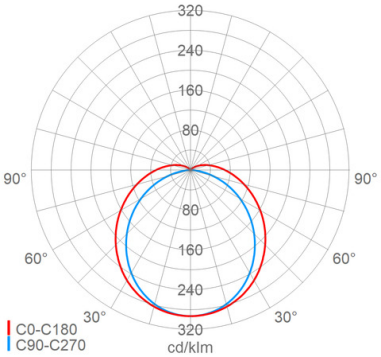
General product description

LED damp-proof light fitting with variably adjustable luminous flux. Glass fibre reinforced polyester housing, diffuser, foamed gasket and clips, incl. two safety clips. Powder-coated reflector with highly efficient Zhaga LED modules and ECG with overload and short circuit protection and switch for toolless setting of the luminous flux.



General product benefits

- universally usable due to variable setting of the luminous flux depending on the requirement
- 4-step 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
- 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
- maximum standardisation and highly economical storage (only one light fitting instead of multiple versions)
- 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 one standardised LED-light fitting with variable setting of luminous flux shall be used for different illumination tasks
- for damp and cold ambient conditions with low duty cycles, please contact us

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Technical data

General

EAN/GTIN:	4041254432106

Key technical data

Light source:	LED
LED module standard:	Zhaga
Exchangeability:	light source and control gear replaceable by qualified person
Connected load:	20 W, 34 W
Luminaire luminous flux:	3100 lm, 5420 lm
Luminous efficacy:	155 lm/W, 159 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
Special features:	4-step adjustment luminous flux / connected load (Attention: only min, max values listed above). Max. ambient temperature depending on luminous flux setting

Lighting technology

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:	25
CB B10/B13/B20:	16/21/32
CB C10/C13/C16/C20:	26/33/42/52
Cable entries:	M20 (2x), blanking plug (2x), Plastic, 8 - 15 mm

Features/Certificates

Protection class:	I
IP rating:	IP65

Features/Certificates

IK rating:	IK06
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:	1272.00 mm
Width / Diameter:	116.00 mm
Height:	88.00 mm
Net weight:	2.30 kg

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Optional accessories / spare parts

Item no.	Item name	Item description
16711 9001	ABD 163 036 F G2	cover PMMA frosted
16711 9002	ABD 163 058 F G2	cover PMMA frosted
16311 9004	ABD 163 036 PC	cover PC clear pearled
16311 9005	ABD 163 058 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 0002	SK 140	wire guard powder coated for 161 12..
90004 0003	SK 165	wire guard powder coated for 161 15..
90245 0003	163 RO 112 A P	2 pipe clamps 1 1/2", stainless steel, with support
90245 0004	163 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