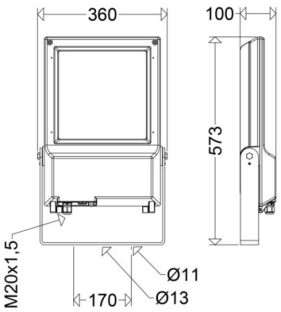
LED floodlight

FOCO L
7700 L100TB VARIO
[Item no. : 77001 0003]



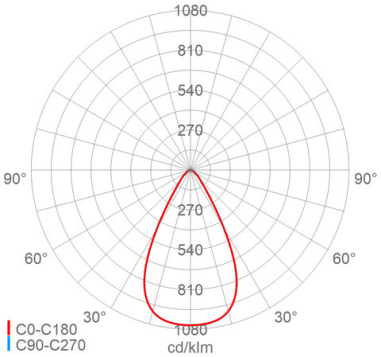
General product description

LED floodlight FOCO L with variably adjustable luminous flux. Consisting of powder-coated die-cast aluminium housing, two-part. Upper part with LED modules, lower part with ECG, tempered safety glass pane, cable entry and strain relief, hinged. Zhaga LED modules, direct beam, Multi-Layer Technology. ECG with high surge protection, overload and short circuit protection. Mounting bracket with swivel range of 180°.



General product benefits

- reduction of type diversity due to variably adjustable luminous flux
- simple, fast and toolless setting of the luminous flux on-site by means of integrated DIP switch, adjustable at any time
- high flexibility due to variable luminous flux setting
- highly economical stocking
- perfect thermal management due to direct connection of the LED modules to the housing, large cooling surface, excellent thermal conductivity
- homogenous illumination due to Multi-Layer Technology, i.e. every individual LED illuminates the whole surface, the light distribution curves of the LED are overlapping
- comfortable maintenance due to hinged and removable lower part of the housing, large opening allows easy access to the terminal box and the electrical components, ECG replaceable on-site
- no light emission into the upper half space, ULOR=0
- versions dimmable to 10% and with color temperature up to 3,000 K comply with Dark Sky requirements
- interchangeable components
- future proof by using standardised Zhaga LED modules



Applications

- industrial and storage areas, terminals, construction sites, facade illumination etc.

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Technical data

General

EAN/GTIN:	4041254388496

Key technical data

Light source:	LED
LED module standard:	Zhaga
Exchangeability:	light source and control gear replaceable by qualified person
Connected load:	16 W, 70 W
Luminaire luminous flux:	2760 lm, 11360 lm
Luminous efficacy:	173 lm/W, 162 lm/W
Colour temperature:	4000 K
Colour rendering (CRI):	≥ 70
Light colour:	740
Admissible ambient temperature T_a:	-40 °C to +40 °C
Control gear:	1 x ECG, Overload protection, Short circuit protection
Energy efficiency class:	B
Overvoltage protection:	10 kV
I LED max:	700 mA
Special features:	variable and almost stepless adjustable luminous flux (Attention: only min, max values listed above)

Lighting technology

Optical system:	Lens optics
Optical system material:	PMMA
Light distribution:	narrow wide beam
Beam angle:	65 °
Photobiological safety:	RG1

Service life

Service life LED:	L95>100000 h (@ Ta max)

Electrical connection

Rated voltage:	220 - 240 V, 50/60 Hz
Terminal clamp:	Screw terminal, 3-polig, 0,75 - 2,5 mm²
Max. no. with circuit breaker B16:	12
CB B10/B13/B20:	8/10/16
CB C10/C13/C16/C20:	12/16/20/24
Cable entries:	M20 (1x), cable gland (1x), Plastic, 6 - 13 mm

Features/Certificates

Protection class:	I
IP rating:	IP66
IK rating:	IK10
Approval marks:	CE

Mounting

Mounting method (accessories possibly needed):	Ceiling with bracket, Wall with bracket
Operating position:	downwards radiation
Mounting:	2-point
Swivel range:	0 - 180 °
Wind-exposed surface:	0.15 m²

Housing

Housing material:	Die-cast aluminium
Varnished:	Yes
Colour:	grey, DB 702

Cover

Cover type / material:	Pane (Safety glass)
Cover characteristic:	clear
Closure:	screwed

Other features

Pressure compensation system:	Yes

Product life cycle

Dismountable at end of life:	Yes
recyclable:	80 %
Construction modular:	Yes
Spareparts availability > 10 years:	Yes
luminaire is upgradeable:	Yes
Guarantee 5 years:	Yes
Packaging made of 95% recyclet paper:	Yes

Dimension/Weight

Length:	573.00 mm
Width / Diameter:	360.00 mm
Height:	100.00 mm
Net weight:	9.50 kg

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Optional accessories / spare parts

Item no.	Item name	Item description
78001 9002	ABD 7700 ESGW	safety glass pane clear
90549 0001	ESSB HSM	Inrush current limiter for top-hat rail mounting
90313 0001	KV M20 BK	cable gland M20
90259 9004	DAE M20 BK	breather M20
79511 0001	TR 1200/108/170/5 M10/12	
79511 0006	TR 1200/76/170/5 M10/12	
79511 0004	TR 900/108/170/4 M10/12	
79511 0007	TR 900/76/170/4 M10/12	
79511 0005	MABD 108	Pole cover ø108mm with strain relief and 4 cable entries
79511 0010	BFSET M10/M12	fastening set with 2 M10 screw connections 1 M12 screw connection
75739 9001	MAU 1 76/170 M10	
75739 9002	MAU 2 76/170 M10	
90270 0006	ROB 60/76 G2	
75350 0034	SD 7700 ST	Vibration-absorbing mounting, galvanised steel
99100 0040	AKB 4,0m H07RN-F 3G1,5	Connection cable 4,0 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire
99100 0041	AKB 4,5m H07RN-F 3G1,5	Connection cable 4,5 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire
99100 0042	AKB 5,0m H07RN-F 3G1,5	Connection cable 5,0 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire
99100 0044	AKB 6,0m H07RN-F 3G1,5	Connection cable 6,0 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire
99100 0046	AKB 7,0m H07RN-F 3G1,5	Connection cable 7,0 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire
99100 0048	AKB 8,0m H07RN-F 3G1,5	Connection cable 8,0 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire
99100 0050	AKB 9,0m H07RN-F 3G1,5	Connection cable 9,0 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire
99100 0052	AKB 10,0m H07RN-F 3G1,5	Connection cable 10,0 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire
99100 0056	AKB 12,0m H07RN-F 3G1,5	Connection cable 12,0 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire
99100 0074	AKB 5,0m H07RN-F 4G1,5	Connection cable 5,0 m H07RN-F 4x1,5mm², connected to the above mentioned luminaire

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99100 0076	AKB 6,0m H07RN-F 4G1,5	Connection cable 6,0 m H07RN-F 4x1,5mm², connected to the above mentioned luminaire
99100 0088	AKB 12,0m H07RN-F 4G1,5	Connection cable 12,0 m H07RN-F 4x1,5mm², connected to the above mentioned luminaire