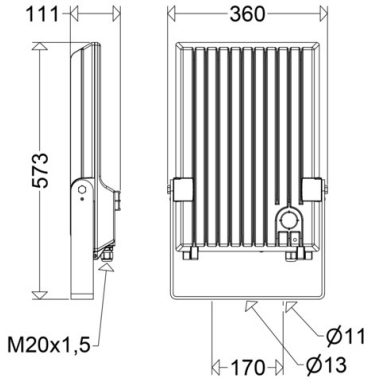
LED floodlight

FOCO L
7700 6403T 730 RFLOU
[Item no. : 77002 0077]



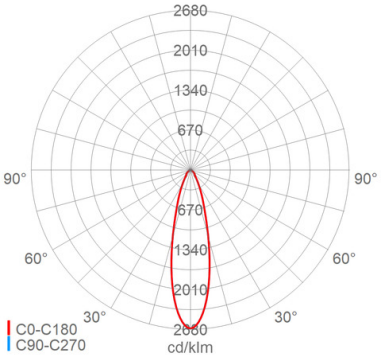
General product description

LED floodlight FOCO L 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 socket on the top and/or bottom of the housing. 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°. Thanks to their Zhaga Book 18-compliant base and integrated D4i control gear, RFL luminaires are optimally prepared for “plug-and-play” use with a light management system or sensor technology (e.g. motion detectors). To avoid functional limitations or possible damage to the system, we strongly advise against using components that are not D4i-certified.



General product benefits

- later use of a light management system possible at any time
- quick assembly of the light management system components, no tools required
- standardized Zhaga socket allow free choice of light management system
- 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:	4041254408132

Key technical data

Light source:	LED
LED module standard:	Zhaga
Exchangeability:	light source and control gear replaceable by qualified person
Connected load:	140 W
Luminaire luminous flux:	20840 lm
Luminous efficacy:	149 lm/W
Colour temperature:	3000 K
Colour rendering (CRI):	≥ 70
Light colour:	730
Admissible ambient temperature T_a:	-40 °C to +40 °C
Control gear:	1 x ECG, Overload protection, Short circuit protection
Energy efficiency class:	C
Overvoltage protection:	10 kV
I LED max:	700 mA

Lighting control

Light management system:	Ready for Light Management Systems (RFL)
RFL socket:	socket on the top and at the bottom (RFLOU)

Lighting technology

Optical system:	Lens optics
Optical system material:	PMMA
Light distribution:	narrow beam
Beam angle:	30 °
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:	7
CB B10/B13/B20:	5/6/9
CB C10/C13/C16/C20:	7/9/11/14
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 °

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:	111.00 mm
Net weight:	9.70 kg

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Optional accessories / spare parts

Item no.	Item name	Item description
78001 9002	ABD 7700 ESGW	safety glass pane clear
90313 0001	KV M20 BK	cable gland 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
90543 0001	LASC DONGLE USB + SOFT + LIZ	LIMAS Air SYNC USB dongle with software and license
90546 9027	RFL LASC DS GPS	RFL LIMAS Air SYNC lighting management controller (2.4 GHz mesh network) with light sensor and GPS antenna
90546 9010	RFL LASC DS GPS SIM	RFL LIMAS Air SYNC lighting management controller (2.4 GHz mesh network) with light sensor, GPS antenna and eSIM
90546 9011	RFL LASC BM RAD8	RFL LIMAS Air SYNC lighting management controller (2.4 GHz mesh network) with radar motion sensor (luminaire mounting height: max. 8.0 m)
90546 9012	RFL LASC BM RAD10 MA MK2	RFL LIMAS Air SYNC lighting management controller (2.4 GHz mesh network) with radar motion sensor (maximum installation height: 10.0 m) for pole mounting with 2.0 m cable
90546 9000	RFL DS20	RFL control unit with light sensor, standalone, 20 lx
90546 9004	RFL BM/DS IR8	RFL motion sensor with light sensor, infrared (luminaire mounting height: max. 8.0 m)
90546 9018	RFL BM/DS IR12	RFL motion sensor with light sensor, infrared (luminaire mounting height: max. 12.0 m)