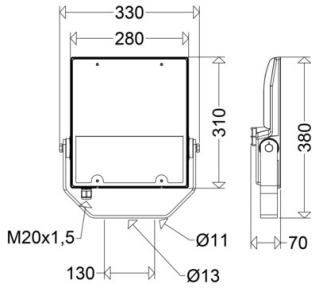
LED floodlight

FOCO
7600 L50A VARIO RFLO
[Item no. : 76002 0001]



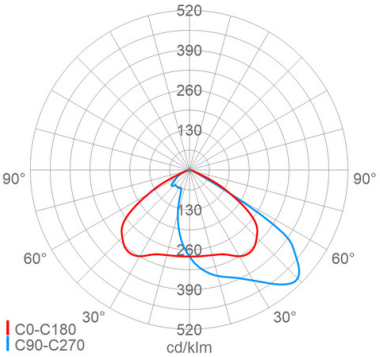
General product description

LED floodlight FOCO VARIO with variably adjustable luminous flux. Consisting of powder-coated die-cast aluminium housing with LED modules and ECG, switch for setting the luminous flux, tempered safety glass pane, cable entry and strain relief. 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
- 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 switch (accessible from the outside), adjustable at any time
- high flexibility due to variable luminous flux setting
- 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
- quick electrical connection due to easily accessible terminal box
- 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

- car parks, industrial areas, loading areas, loading platforms, gateways, illumination close to buildings, object protection, fence, safety and observation illumination, facade illumination etc.

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Technical data

General

EAN/GTIN:	4041254365992

Key technical data

Light source:	LED
LED module standard:	Zhaga
Exchangeability:	light source and control gear replaceable by qualified person
Connected load:	9 W, 35 W
Luminaire luminous flux:	1370 lm, 5660 lm
Luminous efficacy:	152 lm/W, 162 lm/W
Colour temperature:	4000 K
Colour rendering (CRI):	≥ 70
Light colour:	740
Admissible ambient temperature T_a:	-40 °C to +50 °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:	asymmetrical beam
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:	Cage clamp, 3-polig, 0,5 - 2,5 mm²
Max. no. with circuit breaker B16:	28
CB B10/B13/B20:	18/23/36
CB C10/C13/C16/C20:	29/37/47/58
Cable entries:	M20 (1x), cable gland (1x), Plastic, 6 - 13 mm

Features/Certificates

Protection class:	I
IP rating:	IP66
IK rating:	IK09
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:	0.02 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:	90 %
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:	380.00 mm
Width / Diameter:	330.00 mm
Height:	70.00 mm
Net weight:	3.80 kg

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Optional accessories / spare parts

Item no.	Item name	Item description
76001 9000	ABD 7600 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 0010	BFSET M10/M12	fastening set with 2 M10 screw connections 1 M12 screw connection
75739 9006	MAU 1 76/130 M10	pole-top bracket for single-mounting
75739 9007	MAU 2 76/130 M10	pole-top bracket for double-mounting
75739 9009	MAU 3 76/130 M10	pole-top bracket for triple-mounting
75739 9008	MAU 4 76/130 M10	pole-top bracket for quad-mounting
76001 0002	SD 7600 E2	
76001 0003	SD 7600 E4	Vibration-absorbing mounting, stainless steel material 1.4404
90546 9000	RFL DS20	RFL control unit with light sensor, standalone, 20 lx
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
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
		Connection cable 12,0 m H07RN-F 3x1,5mm², connected to the above

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99100 0056	AKB 12,0m H07RN-F 3G1,5	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
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 0078	AKB 7,0m H07RN-F 4G1,5	Connection cable 7,0 m H07RN-F 4x1,5mm², connected to the above mentioned luminaire
99100 0080	AKB 8,0m H07RN-F 4G1,5	Connection cable 8,0 m H07RN-F 4x1,5mm², connected to the above mentioned luminaire
99100 0082	AKB 9,0m H07RN-F 4G1,5	Connection cable 9,0 m H07RN-F 4x1,5mm², connected to the above mentioned luminaire
99100 0084	AKB 10,0m H07RN-F 4G1,5	Connection cable 10,0 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