

LED floodlight

FOCO**7600 L50 VARIO**

[Item no. : 76000 0102]

**General product description**

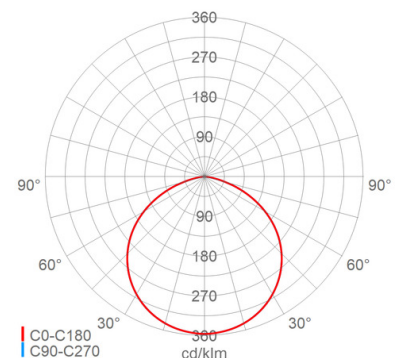
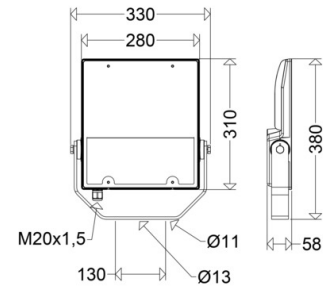
LED floodlight FOCO VARIO of the GreenLine series with outstanding sustainable product design with variably adjustable luminous flux. Consisting of powder-coated die-cast aluminium housing with LED modules and ECG, switch for setting the luminous flux, tempered safety glass pane, cable entry and strain 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°.

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 switch (accessible from the outside), adjustable at any time
- high flexibility due to almost infinitely 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
- eco-friendly, all versions dimmable to 10% with color temperature up to max. 3,000K fulfill the Dark Sky requirements
- sustainable, interchangeable components
- future proof by using standardised Zhaga LED modules
- GreenLine luminaire, outstanding sustainable design

Applications

Industrial and storage areas, terminals, construction sites, facade illumination etc.



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Technical data**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 Ta:	-40 °C to +50 °C
Control gear:	1 x ECG, Overload protection, Short circuit protection
Overvoltage protection:	10 kV
Special features:	variable and almost stepless adjustable luminous flux (Attention: only min, max values listed above)

Lighting technology

Light distribution:	wide beam
Beam angle:	115 °
Photobiological safety:	RG2

Service life

Service life LED:	L90>100000 h (@ Ta max)
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Electrical connection

Rated voltage:	220 - 240 V, 50/60 Hz
Terminal clamp:	Cage clamp, 3-polig, 0.5 - 2.5 mm ²
Max. no. (with CB 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

Housing

Housing material:	Die-cast aluminium
Varnished:	Yes
Colour:	grey, DB702N

Cover

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

Mounting

Mounting method (accessories possibly needed):	Ceiling with bracket, Wall with bracket
Operating position:	downwards radiation
Mounting:	2-point

Mounting

Swivel range:	0 - 180 °
Wind-exposed surface:	0.09 m ²

Features/Certificates

Protection class:	I
IP rating:	IP66
IK rating:	IK09
Approval marks:	CE
Energy efficiency class:	B

Other features

Pressure compensation system:	Yes
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Dimension/Weight

Length:	380.00 mm
Width/Diameter:	330.00 mm
Height:	58.00 mm
Net weight:	3.80 kg
EAN/GTIN:	4041254329291

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Optional accessories/spare parts

Item no.	Item name	Item description
76001 9000	ABD 7600	spare safety glass
90120 9011	2530	cablE gland M20
90121 9008	2600	screw plug M20
75739 9006	7600/1 M	pole-top bracket for single-mounting
75739 9007	7600/2 M	pole-top bracket for double-mounting
75739 9009	7600/3 M	pole-top bracket for triple-mounting
75739 9008	7600/4 M	pole-top bracket for quad-mounting