

## LED floodlight

**FOCO XL****7800 12803**

[ Item no. : 78000 0012 ]

**General product description**

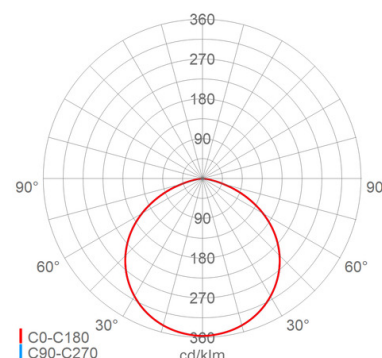
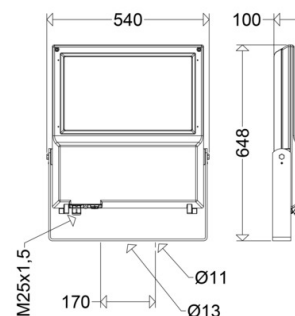
LED floodlight FOCO XL of the GreenLine series with outstanding sustainable product design. Consisting of powder-coated die-cast aluminium housing, two-part. Upper part with LED modules, lower part with ECG, tempered safety glass pane, cable entry and strain relief, hinged. Zhaga LED modules, direct beam, Multi-Layer Technology. ECG with high surge protection, overload and short circuit protection. Mounting bracket with swivel range of 180°.

**General product benefits**

- 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
- 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, construction sites, surface mining large-scale equipment, 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:	280 W
Luminaire luminous flux:	43920 lm
Luminous efficacy:	157 lm/W
Colour temperature:	4000 K
Colour rendering (CRI):	≥ 70
Light colour:	740
Admissible ambient temperature Ta:	-40 °C to +40 °C
Control gear:	2 x ECG, Overload protection , Short circuit protection
Overvoltage protection:	10 kV

**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:	Screw terminal, 3-polig, 0.75 - 2.5 mm <sup>2</sup>
Max. no. (with CB B16):	3
CB B10/B13/B20:	2/3/4
CB C10/C13/C16/C20:	3/4/5/6
Cable entries:	M25 (1x), cable gland (1x), Plastic, 9 - 17 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
Swivel range:	0 - 180 °
Wind-exposed surface:	0.27 m <sup>2</sup>

**Features/Certificates**

Protection class:	I
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**Features/Certificates**

IP rating:	IP66
IK rating:	IK09
Approval marks:	CE , VDE , ENEC
Energy efficiency class:	B

**Other features**

Pressure compensation system:	Yes
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**Dimension/Weight**

Length:	648.00 mm
Width/Diameter:	540.00 mm
Height:	100.00 mm
Net weight:	17.00 kg
EAN/GTIN:	4041254263533

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**Optional accessories/spare parts**

Item no.	Item name	Item description
78001 9001	ABD 7800	spare safety glass
75739 9010	7700/7800/1 M	pole-top bracket for single-mounting
75739 9011	7700/7800/2 M	pole-top bracket for double-mounting
90270 0006	ROB 60/76 G2	
90117 9000	2537	cable gland M25 for Ex-Zone 1/21
75350 0033	SD 7800 ST	Vibration-absorbing mounting, galvanised steel