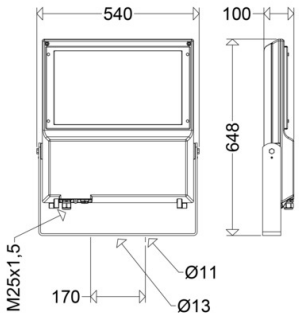
LED high-bay floodlight

FOCO XL
7800 L420 SSK
[Item no. : 78005 0001]



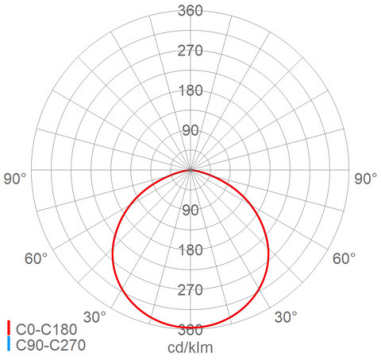
General product description

LED floodlight FOCO XL for blasting cabins. Consisting of powder-coated die-cast aluminium housing, two-part. Upper part with LED modules, lower part with ECG, tempered safety glass pane, with an easy replaceable protective cover in a stainless steel frame in front, made of polycarbonate, silicone gasket, 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

- reliable protection of the safety glass against damage and "blindness" due to blasting material
- perfect thermal management due to direct connection of the LED modules to the housing, large cooling surface, excellent thermal conductivity
- optimal light distribution due to direct beam LED and highly efficient optics
- 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
- sustainable, interchangeable components
- future proof by using standardised Zhaga LED modules



Applications

- blasting cabins and areas, in which products are blasted with sand or glass pearls

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Technical data

General

EAN/GTIN:	4041254341279

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:	36720 lm
Luminous efficacy:	131 lm/W
Colour temperature:	4000 K
Colour rendering (CRI):	≥ 80
Light colour:	840
Admissible ambient temperature T_a:	-40 °C to +35 °C
Control gear:	2 x ECG, Overload protection, Short circuit protection
Energy efficiency class:	C
Overvoltage protection:	4 kV
I LED max:	700 mA
BEG-eligible (Germany):	Yes

Lighting technology

Light distribution:	wide beam
Photobiological safety:	RG1

Service life

Service life LED:	L70>100000 h (@ Ta max), L90>50000 h (@ Ta 25°C)

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:	3
CB B10/B13/B20:	2/3/4
CB C10/C13/C16/C20:	3/4/5/6
Cable entries:	M25 (2x), screw plug (1x), cable gland (1x), Plastic, 9 - 17 mm

Features/Certificates

Protection class:	I
IP rating:	IP66
IK rating:	IK09
Limited surface temperature D:	Yes
Approval marks:	CE

Mounting

Mounting method (accessories possibly needed):	Ceiling with bracket, Wall with bracket
Operating position:	vertical, horizontal
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
Protective cover:	Protective cover

Dimension/Weight

Length:	648.00 mm
Width / Diameter:	540.00 mm
Height:	100.00 mm
Net weight:	18.00 kg

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Optional accessories / spare parts

Item no.	Item name	Item description
78001 9004	ABD 7800 SSK	spare polycarbonate protective cover without frame
78001 9001	ABD 7800	spare safety glass
90313 0002	KV M25 BK	cable gland M25
90313 0006	VSR M25 BK	
90270 0006	ROB 60/76 G2	
75350 0033	SD 7800 ST	Vibration-absorbing mounting, galvanised steel