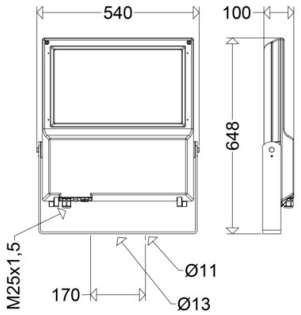
LED high-bay floodlight

FOCO XL
7800 L420 SBL
[Item no. : 78008 0003]



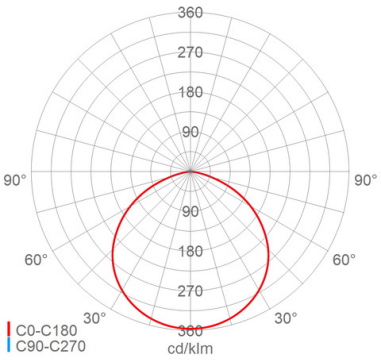
General product description

LED floodlight FOCO XL with increased protection against chlorinated atmospheres in swimming pools. 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

- modified against chlorinated atmospheres in swimming pools
- 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
- sustainable, interchangeable components
- future proof by using standardised Zhaga LED modules



Applications

areas with chlorine-containing atmospheres or harmful gases that can damage the LED to the point of total failure

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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:	40580 lm
Luminous efficacy:	145 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
Overvoltage protection:	4 kV

Lighting technology

Light distribution:	wide beam
Beam angle:	115 °
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 CB 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

Housing

Housing material:	Die-cast aluminium
Varnished:	Yes
Colour:	grey, DB 702

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:	vertical, horizontal
Mounting:	2-point
Swivel range:	0 - 180 °

Mounting

Special features:	stainless steel bracket

Features/Certificates

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

Dimension/Weight

Length:	648.00 mm
Width/Diameter:	540.00 mm
Height:	100.00 mm
Net weight:	17.00 kg
EAN/GTIN:	4041254420905

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Optional accessories/spare parts

Item no.	Item name	Item description
78001 9001	ABD 7800	spare safety glass
90120 9011	2530	cable gland M20
90121 9008	2600	screw plug M20
90117 9000	2537	cable gland M25 for Ex-Zone 1/21
90118 9000	2538	screw plug M25 for Ex-Zone 1/21