

6525/2124-1701-6021-331 Art. No. 282307



- Stainless steel enclosure as standard for a long service life and safety even under harsh ambient conditions
- Extremely wide range of ambient temperatures – between -60 °C and +60 °C
- Robust design with IK10 and IP66
- Wide-range input with optional 100 V to 277 V
- DALI versions available for lighting control, monitoring and switching

MY R. STAHL 6525C



The wide-range input now also meets the electrical installation conditions for global use. With an optional DALI interface, the floodlight paves the way to a digital lighting solution. Its extremely low start-up current can also support existing installations, as the circuit breakers that are already installed do not need to be replaced.

Technical Data

Explosion Protection

Application range (zones)	2, 21, 22
IECEX gas explosion protection	Ex nR IIC T5 Gc
IECEX dust explosion protection	Ex tb op is IIIC T80 °C Db
ATEX gas explosion protection	⊕ II 3 G Ex nR IIC T5 Gc
ATEX dust explosion protection	⊕ II 2 D Ex tb op is IIIC T80 °C Db
Certificates	ATEX (BVIS), IECEX (BVIS), India (PESO)

Electrical Data

Rated operational voltage AC	110 ... 277 V
Frequency range	50 – 60 Hz
Control gear service life	C10 ≥ 100 h, Ta ≤ 25 °C C10 ≥ 50 h, Ta ≤ 60 °C C10 ≥ 60 h, Ta ≤ 40 °C
LED service life	L90B50: 66 h

Lighting Data

Lamp wattage	100 W
Lamp type	LED
Lamp	LED
Light colour	Cool white
Light distribution	Wide beam
Luminaire efficacy	123 lm/W
Luminous flux	12315 lm
Colour rendering	≥ 70
Colour temperature	5700 K

Ambient Conditions

Ambient temperature °C	-50 °C ... +60 °C
Storage temperature °C	-40 °C ... +75 °C

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Mechanical Data

Degree of protection (IP)	IP66
Class	I
Enclosure material	Stainless steel 1.4301, Powder-coated Single-layer powder-coated
Enclosure color	Similar to RAL 9010
Sealing material	Silicone
Pane material	Reinforced glass
Max. solid connection terminals	6 mm ²
Max. finely stranded connection terminals	4 mm ²
Type of connection cable	Finely stranded Solid
Width	400 mm
Height	70 mm
Length	520 mm
Impact strength (IEC 62262)	IK10
Mounting	With bracket, SS304
Weight	15.5 kg
Weight	34.17 lb

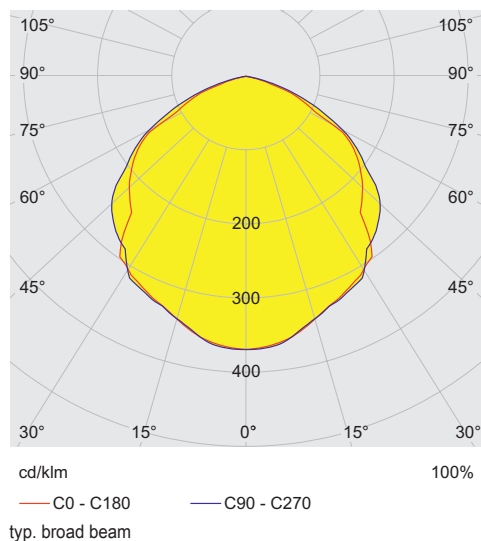
Mounting / Installation

Note about mounting	Provided
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Components

Drilled holes	3 x M20
Cable glands and entries	CMP-20A2F 1 x M20 x 1.5
Cable entry accessories	1 x with plug
Stopping plugs	1 x M20 x 1.5
Stopping plug material	Polyamide, black

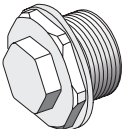
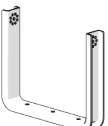
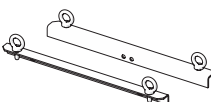
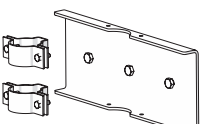
Light Distribution Curves



Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations

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Accessories

Breather		Art. No.
	Thread: M20 x 1.5 (1 piece); for installation in light fittings; made from stainless steel; without jam nut	323702
	Thread: M25 x 1.5 (1 piece); for installation in light fittings; made from stainless steel; without jam nut	296608
Mounting bracket		Art. No.
	Stainless steel SS316L (1.4404 or V4A) without powder coating	221589
Mounting set		Art. No.
	for pendant mounting with ring bolts included - stainless steel SS316L (1.4404 or V4A) without powder coating	257464
	for pole mounting with pole diameter of 50 mm - stainless steel SS316L (1.4404 or V4A) without powder coating	283361
	for pole mounting with pole diameter of 60 mm - stainless steel SS316L (1.4404 or V4A) without powder coating	263824

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.