Product data sheet
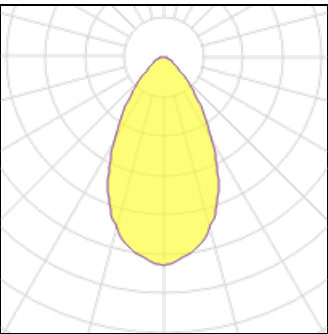
E8820 EXSTREAM EXPLOSION-PROTECTED LED FLOODLIGHT
E8820/3 L120TB H55 (88200 0002)
SCHUCH

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Explosion-protected LED floodlight, ExSTREAM, EX-Zone 1/21/2/22, 87 W, 11100 lm, 128 lm/W, Class I, IP66, narrow wide beam, 5500 K, CRI≥ 80, Ta -30 °C/+55 °C, L80B50>100000 h (@ Ta max), L80B50>100000 h (@ Ta 25°C), L90B50>90000 h (@ Ta 25°C), Pane Safety glass clear, Closure Stainless steel (1.4301), Housing Die-cast aluminium, DB702N. Explosion-proof LED floodlight ExSTREAM for Zone 1/21. Multi-part housing made of die-cast aluminum, powder-coated, thermally separated. Several LED housings with LED modules, highly efficient optics, direct distribution, multi-layer technology as well as temperature change-resistant safety glass. Cooling rib structure and direct connection of the LED to the housing to ensure optimal thermal management. Rear-mounted ECG housing made of die-cast aluminum, powder-coated, with built-in control gear, large connection space and two cable entries for in-out wiring. Mounting bracket can be swiveled in 5° steps around the longitudinal axis of the floodlight. Resource-saving and environmentally friendly thanks to interchangeability of components (no disposable light fitting). Length 547,00 mm, Width/Diameter 503,00 mm, Height 121,00 mm, Net weight 11,20 kg.

Light output 1 (integrated)

Lamp type	LED	CCT	5500 K
Nominal lamp power	87 W	CRI	80
Total flux	11098 lm	LOR	100%
Luminous efficacy	128 lm/W	ULOR	7%
		Total power	87 W

Mounting mode

Ceiling mounted, Pole top mounted

Shape and measurements

Length: 21.54 in
Width: 19.80 in
Height: 4.76 in

Adjustability

Fixed

Electric

System power: 87 W

Appliance Class: I

Protection

IP: 66

IK: 08

Designation labels: CE

Explosion zone suitability: 1