

LED Einbauleuchte 450

LED recessed luminaire 450

LED Maschineneinbauleuchte mit 24V Betriebsspannung
LED recessed machine luminaire with 24V operating voltage

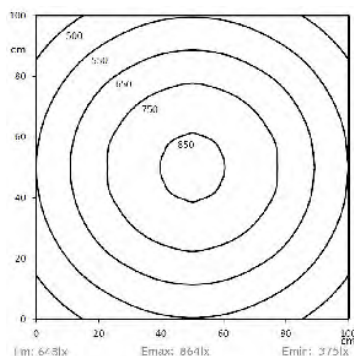


Einbauwandstärke: ≤ 3mm
Installation wall thickness: ≤ 3mm

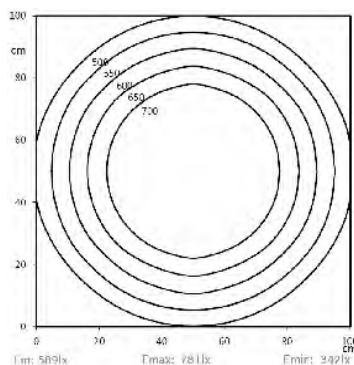
Lichtverteilung | Light distribution

Lichtpunkthöhe | Light source height: 100cm

PMMA diffus | PMMA diffuse



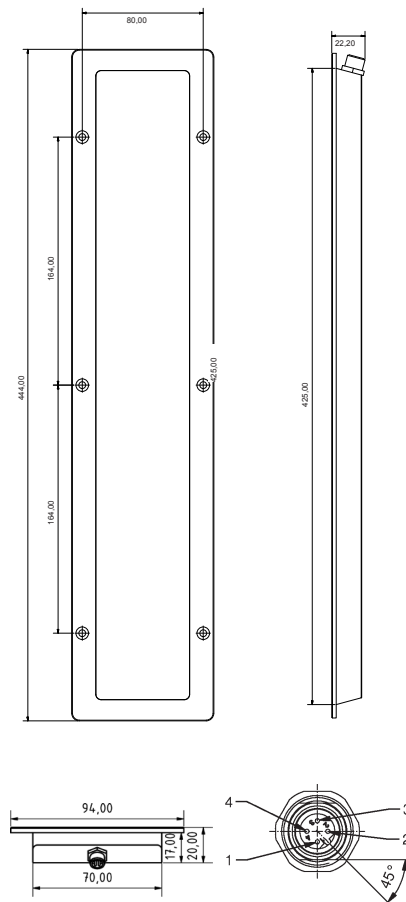
ESG diffus | Single-pane-safety glass clear



Dimensionierung | Dimensions

Maximaler Durchmesser |
Maximum diameter: Ø 8,8 mm

Senkkopfschraube |
Countersunk screw: 90°



Technische Daten | Technical data

Leistungsaufnahme:	28W
Power consumption:	28W
Anschlusswert:	24V DC (-10%/+15%)
Connection value:	24V DC (-10%/+15%)
Anschlussart	M12 Steckverbinder* oder 3m Kabel
Connection type	M12 connector* or 3m cable
Gehäuse:	Aluminium eloxiert
Housing:	Anodised aluminium
Schutzart:	IP67
Protection rating:	IP67
Schutzklasse:	III
Protection class:	III
Abdeckung:	ESG klar, PMMA diffus oder ESG diffus
Cover	PMMA diffuse, single- pane safety glass diffuse or single-pane safety glass clear
Farbtreue:	Ra / CRI ≥ 80
Colour rendering:	Ra / CRI ≥ 80
Lebensdauer:	min. 60 000h
Service life:	min. 60 000h
Lichtstrom:	ca. 3216 lm
Luminous flux:	Approx. 3216 lm
Max. Umgebungstemperatur:	-20°C / +45°C
Max. ambient temperature:	-20°C / +45°C
Belegung:	1 = DC (+) br br
Pin assignment	2 = Eco (DC+) ws wh
	3 = DC (-) bl bl
	4 = NC

Normen / Approbationen Standards / approvals

- DIN EN 55015 (EMV)
- DIN EN 61547 (EMV)
- DIN EN 60598-1
- DIN EN 62471



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Sangel-Bezeichnung Sangel description	Katalognr. Catalogue no.	Abdeckung Cover	Optik Optics	Anschlussart Connection type	Lichtfarbe Colour temperature
450 DIFF-0-3M-55	12080085	PMMA diffus PMMA diffuse	ohne Optik, 120° without optics, 120°	3m Kabel 3m cable	5.700K
450 ESGd-0-3M-55	12080086	ESG diffus Single-pane safety glass diffuse	ohne Optik, 120° without optics, 120°	3m Kabel 3m cable	5.700K
450 ESGk-0-3M-55	12080087	ESG klar Single-pane safety glass clear	ohne Optik, 120° without optics, 120°	3m Kabel 3m cable	5.700K
450 DIFF-0-M12-55	12080088	PMMA diffus PMMA diffuse	ohne Optik, 120° without optics, 120°	M12 Steckverbinder* M12 connector*	5.700K
450 ESGd-0-M12-55	12080089	ESG diffus Single-pane safety glass diffuse	ohne Optik, 120° without optics, 120°	M12 Steckverbinder* M12 connector*	5.700K
450 ESGk-0-M12-55	12080090	ESG klar Single-pane safety glass clear	ohne Optik, 120° without optics, 120°	M12 Steckverbinder* M12 connector*	5.700K
450 DIFF-0-3M-40	12080091	PMMA diffus PMMA diffuse	ohne Optik, 120° without optics, 120°	3m Kabel 3m cable	4.000K
450 ESGd-0-3M-40	12080092	ESG diffus Single-pane safety glass diffuse	ohne Optik, 120° without optics, 120°	3m Kabel 3m cable	4.000K
450 ESGk-0-3M-40	12080093	ESG klar Single-pane safety glass clear	ohne Optik, 120° without optics, 120°	3m Kabel 3m cable	4.000K
450 DIFF-0-M12-40	12080094	PMMA diffus PMMA diffuse	ohne Optik, 120° without optics, 120°	M12 Steckverbinder* M12 connector*	4.000K
450 ESGd-0-M12-40	12080095	ESG diffus Single-pane safety glass diffuse	ohne Optik, 120° without optics, 120°	M12 Steckverbinder* M12 connector*	4.000K
450 ESGk-0-M12-40	12080096	ESG klar Single-pane safety glass clear	ohne Optik, 120° without optics, 120°	M12 Steckverbinder* M12 connector*	4.000K

*Die passenden Anschlussleitungen finden Sie auf Seite 73. | The corresponding connection cables can be found on page 73.

Technische Änderungen vorbehalten. Lichtstrom und Lichtfarbe können variieren.
Subject to technical changes. The luminous flux and colour temperature may vary.

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Systemtechnik



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