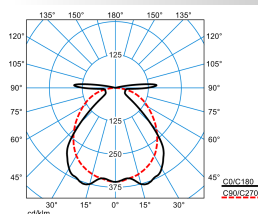


Product features and key data

Applications	Damp rooms canopied outdoor areas
Luminaire type	LED weather-proof luminaire with IP66 protection for use in applications with high demands on variability, efficiency, quality of light and technology.
Mounting method	Surface-mounting Suspension
Luminaire optic	With a prismatic, photometrically effective, translucent PMMA diffuser, direct distribution.
Light distribution curve	Wide (W)
FWHM	89,60 °
Light Engine	standard product
Colour temperature	4000 K
Rated luminous flux	6500 lm
Connected load	42,00 W
Luminous efficacy	155 lm/W
Rated service life	L80 (25 °C) = 70.000 h
Colour rendering index	80
Colour tolerance	3 SDCM
Photobiological class	Group 0 - no risk
Luminaire colour	RAL7035 Light grey
Luminaire body	Luminaire body of PC.
Electrical version	With electronic transformer, digitally dimmable (DALI).
DALI-2-Standard EN 62386	Yes
Connection method	Plug-in terminal
Touch-Dim-capable	Yes
Dimming range	1 - 100 %
Monitoring Ready	Yes
Mains voltage	220 - 240 V
Mains frequency	50/60 Hz
Total harmonic distortion < %	14 %
IFS label	Yes
Protection rating	IP66
Protection rating on room side	IP66
Protection class	I
Impact resistance (IK)	IK03
Hot wire resistance	650 °C
Ambient temperature	-30 - 35 °C
Max. Luminaires B10	16
Max. Luminaires B16	26
Max. Luminaires C10	29
Max. Luminaires C16	47
Net length	1.552 mm
Net width	102 mm

Net height	91 mm
Weight	2,7 kg

light distribution curve



AragF 15 PW 64-840 ETDD

UGR I = 24,5
 UGR q = 19,7
 DIN 5040: A40
 UTE: 0.93 D + 0.07 T
 DLOR: 93 %
 ULOR: 7 %
 CEN Flux Code: 56 85 95 93 100 0 0 11 7

Available accessories

Material	Description
 ZBSB 1,0m 6923200	Steel strip suspension, 1 pair, rust-free, length 1.0 m, for weather-proof luminaires.
 Theft protection, set for 1 luminaire 6923300	Theft protection for LED surface-mounted weather-proof luminaire.
 ZBMC 6923400	Mounting accessories for Nextrema 4000-8... / Nextrema 6000-8... / Oleveon Fit / Aragon Fit. Bracket for suspended mounting.
 OleveonF ZLV/525/15 7129800	Through-wiring, 5-core.
Wanne AragF/OleveonF 15 PMMA Ersatz 7130200	Replacement diffuser for Surface-mounted damp-proof luminaire OleveonF 1.5 PMMA. Length 1546 mm, Width 97 mm, height 44 mm.
 ZBWM wall mounting accessory, 2 units 7425600	Pivotable mounting bracket for wall or ceiling mounting of LED weather-proof luminaires 1 set.

Offer text

LED weather-proof luminaire with IP66 protection for use in applications with high demands on variability, efficiency, quality of light and technology. The luminaire is part of an assortment with constructionally identical, mounting-compatible variants. These versions are available with alternative optical systems, light engines with settable luminous flux levels and with a connection option to light management systems and emergency lighting systems. Suitable for use in HACCP, IFS and/or BRC Global Standard Food certified companies. With limited surface temperature, suitable for use in fire hazardous areas according to DIN EN 60598-2-24. With clipless catch technology for protection rating-compliant and simple assembly of diffuser cover and luminaire body after electrical connection. Suspended mounting possible via optional accessories. Ceiling mounting using included fixing clips. Suspended mounting possible via optional accessories. With a prismatic, photometrically effective, translucent PMMA diffuser, direct distribution. With symmetric wide light intensity distribution. Luminaire luminous flux and light color fixed. Luminaire luminous flux 6500 lm, connected load 42 W, maximum luminous efficiency of luminaire 155 lm/W. Light colour neutral white, correlated colour temperature (CCT) 4000 K, general colour rendering index (CRI) $R_a > 80$. Colour locus tolerance (initial MacAdam) ≤ 3 SDCM. Mean rated service life L80 ($t_{q25}^\circ C$) = 70,000 h. The light source is replaceable according to the ecodesign requirements (VO (EU) 2019/2020). Flicker: Pst LM ≤ 1.0 at full load. Stroboscopic effect: SVM ≤ 0.4 at full load. Luminaire body of PC. Surface coated light grey (similar to RAL 7035). Dimensions (L x W): 1552 mm x 102 mm, luminaire height 91 mm. Safety class (EN 61140): I, protection rating (DIN EN 60529): IP66, impact resistance level in accordance with IEC 62262: IK03, testing temperature of wire glow test in accordance with IEC 60695-2-11: 650 °C. Permissible ambient temperature (t_a): -30 °C to 35 °C. Weight: 2,7 kg. With 5-pole terminal to 2.5 mm². With electronic transformer, digitally dimmable (DALI). Control gear unit according to DALI-2 standard (EN 62386). Luminaire is switchable and dimmable by means of touch functionality via DALI control terminals (Touch DIM). The control gear unit is replaceable in accordance with the ecodesign requirements (VO (EU) 2019/2020). The luminaire is monitoring-ready (MOR), supplies luminaire data for monitoring or for predictive maintenance and is therefore compatible to the TRILUX Monitoring Services. The luminaire complies with the fundamental requirements of applicable EU regulations and product safety legislation and bears the CE symbol. The luminaire is also ENEC-certified by an independent testing authority. Luminaire available for 10 years, spare parts (LED module, control gear unit, optical system) for 15 years from date of invoice, subject to reasonable modifications in the interests of progress.

Disassembly instructions (PDF) for the product available at: <https://www.trilux.com/EcoDesign>

EPREL - European Product Registry for Energy Labelling

Energy Efficiency Class	Model identifier
B	85402518-00
B	SI-B8T122560EU
B	85402504-00

B	SI-B8T064280EU
B	LMC-A-22-110-840-B01-L28W2-C
B	85403259
B	LMC-A-44-220-840-B01-L56W2-C
B	85403263