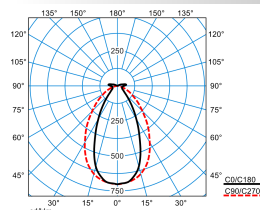


Product features and key data

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 PC diffuser, direct distribution.
Light distribution curve	Narrow (N)
FWHM	51,60 °
Light Engine	standard product
Colour temperature	4000 K
Rated luminous flux	6400 lm
Connected load	48,00 W
Luminous efficacy	133 lm/W
Rated service life	L80 (25 °C) = 100.000 h
Colour rendering index	90
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, switchable.
Connection method	Plug-in terminal
Mains voltage	220 - 240 V
Mains frequency	50/60 Hz
Total harmonic distortion < %	14 %
Ingress Protection (IP) rating	IP66
Protection rating on room side	IP66
Protection class	I
Impact resistance (IK)	IK08
Hot wire resistance	850 °C
Ambient temperature	-30 - 35 °C
Max. Luminaires B10	16
Max. Luminaires B16	26
Max. Luminaires C10	24
Max. Luminaires C16	38
Net length	1.552 mm
Net width	102 mm
Net height	91 mm
Weight	2,8 kg

light distribution curve

AragFHE 15 PN 64-940 ET PC

UGR I = 21,2
 UGR q = 18,5
 DIN 5040: A60
 UTE: 0.95 C + 0.05 T
 DLOR: 95 %
 ULOR: 5 %
 CEN Flux Code: 69 89 96 95 100 0 0 34 5

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 PC Ersatz 7130100	Replacement diffuser for Surface-mounted damp-proof luminaire OleveonF 1.5 PC.
 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. 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 with stainless steel fixing clips (included). Suspended mounting possible via optional accessories. With a prismatic, photometrically effective, translucent PC diffuser, direct distribution. With symmetric narrow light distribution. Luminaire luminous flux and light color fixed. Luminaire luminous flux 6400 lm, connected load 48 W, maximum luminous efficiency of luminaire 133 lm/W. Light colour neutral white, correlated colour temperature (CCT) 4000 K, general colour rendering index (CRI) $R_a > 90$. Colour locus tolerance (initial MacAdam) ≤ 3 SDCM. Mean rated service life L80 ($t_a 25^\circ\text{C}$) = 100,000 h. The light source is replaceable according to the ecodesign requirements (VO (EU) 2019/2020). Luminaire body of PC. Colour of luminaire body 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: IK08, testing temperature of wire glow test in accordance with IEC 60695-2-11: 850 °C. Permissible ambient temperature (t_a): -30 °C to 35 °C. Weight: 2,8 kg. With electronic transformer, switchable. 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 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
D	85401000-00
D	85400986-00