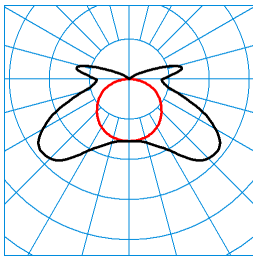

Product features and key data


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.
Connected load	24 W
Colour temperature	4.000 K
Rated luminous flux	2.400 lm
Luminous efficacy	100 lm/W
Service life	L80 (25 °C) = 70.000 h L80 (35 °C) = 50.000 h
Colour rendering index	80
Colour tolerance	3 SDCM
Photobiological class	Group 1 - no risk
Luminaire colour	RAL7035 Light grey
Luminaire body	Colourless luminaire body, made of translucent, breakage-resistant polycarbonate.
Electrical version	With electronic transformer, digitally dimmable (DALI).
Connection method	Terminal
Touch-Dim-capable	Yes
Dimming range	1 - 100 %
Monitoring Ready	Yes
Emergency light	Single battery 3h
Mains voltage	220 - 240 V
Total harmonic distortion < %	14 %
IFS label	Yes
Ingress Protection (IP) rating	IP66
Protection rating on room side	IP66
Protection class	I
Impact resistance (IK)	IK08
Hot wire resistance	850 °C
Max. Luminaires C10	29
Max. Luminaires C16	47
Net length	1.257 mm
Net width	102 mm
Net height	91 mm
Weight	2,5 kg

light distribution curve

AragF 12 P-XW 23-840 +LLWRC PC EB3
TX113345

 ■ C0 - C180
 ■ C90 - C270

 UGR I = 18,6
 UGR q = 21,5
 DIN 5040: B20
 UTE: 0,88 I + 0,12 T
 CEN Flux Code: 31 65 88 88 100 1 5 42 12

Available accessories

Material	Description
ZBSB 6923200	Steel strip suspension, length 1 m, of stainless steel (1 pair).
ZBATL2 6923300	Theft protection (mandatory for wall mounting).
ZBMC 6923400	Bracket for suspended mounting.
OleveonF ZLV/525/12 7129700	Through-wiring, 5-core. Consists of 5 single cores 2.5 mm ² , heat resistance up to 105 °C.
 ZBWM Accessory 7425600	Pivotable mounting brackets for wall and ceiling installation of weather-proof LED luminaires

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. Compliant to DIN 10500. The luminaires are suitable for applications in HACCP, IFS Version 6 and/or BRC Global Standard Food Version 7-certified companies in the food and beverage industries. Luminaire with limited surface temperature in accordance with DIN EN 60598-2-24, suitable for use in work locations exposed to fire hazards. 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 extremely wide light distribution. Direct distribution with decorative indirect component. Division of luminaire luminous flux into indirect/direct components 85% / 15%. Luminaire luminous flux 2400 lm, connected load 24,00 W, luminous efficiency of luminaire 100 lm/W. Light colour neutral white, correlated colour temperature (CCT) 4000 K, Colour locus tolerance (initial MacAdam) ≤ 3 SDCM, general colour rendering index (CRI) $R_a > 80$. Mean rated service life $L80(t_q 25 °C) = 70,000$ h, mean rated service life $L80(t_q 35 °C) = 50,000$ h. Colourless luminaire body, made of translucent, breakage-resistant polycarbonate. (RAL 7035). Dimensions (L x W): 1257 mm x 102 mm, luminaire height 91 mm. Permissible ambient temperature (ta): 0 °C - +30 °C. 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. With electronic transformer, digitally dimmable (DALI). The luminaire is monitoring-ready (MOR), supplies luminaire data for monitoring or for predictive maintenance and is therefore compatible to the TRILUX Digital Services (Energy Monitoring and Light Monitoring). The luminaire complies with fundamental requirements of applicable EU regulations and product safety legislation and bears the CE symbol. With integrated LiveLink WiFi RC control unit, Wi-Fi module for reliable commissioning and operation (WPA2 encryption) and a radio module for setting up a ZigBee mesh network. Radio signal range: > 15 m. Predefined room configurations (Use Cases) with all planning-relevant data enable simple, quick commissioning. control of up to 32 DALI devices and 50 radio devices. Commissioning is carried out with the LiveLink Install commissioning app for tablet PCs. In emergency light version with single battery system, nominal operation time 3 hours.