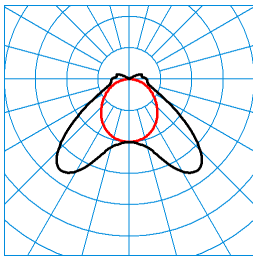## Product features and key data

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	30 W
Colour temperature	4.000 K
Rated luminous flux	4.100 lm
Luminous efficacy	136 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 0 - no risk
Luminaire colour	RAL7035 Light grey
Luminaire body	Luminaire body of PC.
Electrical version	With electronic transformer, digitally dimmable (DALI).
Connection method	Terminal
Touch-Dim-capable	Yes
Dimming range	1 - 100 %
Monitoring Ready	Yes
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
Ambient temperature	-30 - 35 °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-VW 40-840 +LLWRC PC
TX113016

UGR l = 22.6
UGR q = 22.9
DIN 5040: A30
UTE: 0,94 E + 0,06 T
CEN Flux Code: 41 76 93 94 100 2 8 43 6

■ C0 - C180
■ C90 - C270

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 mm², heat resistance up to 105 °C.
Wall mounting accesory ZBWM Accesory 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 very wide light distribution. Luminaire luminous flux 4100 lm, connected load 30,00 W, luminous efficiency of luminaire 136 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. Luminaire body of PC. Colour of luminaire body light grey (RAL 7035). Dimensions (L x W): 1257 mm x 102 mm, luminaire height 91 mm. Permissible ambient temperature (ta): -30 °C - +35 °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 5-pole terminal to 2.5 mm² . 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. With 5-core through-wiring, 1.5 mm².