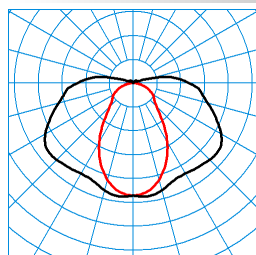


Product features and key data

Luminaire type	Explosion-proof weather-proof LED diffuser luminaire.
ATEX Code Dust	II 3D EX TC IIIC T85 DC
ATEX Code Gas	II 3G EX EC IIC T6 GC
Zone (Gas & Dust)	2 & 22
Mounting method	Suspension Surface-mounting Outdoor mast-mounted
Luminaire optic	Luminaire cover made of an injection-moulded, transparent and UV-stabilised PC cover.
Connected load	55 W
Power factor	0,95
Colour temperature	4.000 K
Rated luminous flux	8.000 lm
Luminous efficacy	145 lm/W
Service life	L80 (25 °C) = 70.000 h
Colour rendering index	80
Colour tolerance	3 SDCM
Photobiological class	Group 1 - no risk
Luminaire colour	RAL1003 Signal yellow
Luminaire body	Luminaire body of compacted, glass-fibre-reinforced polyester.
Electrical version	With operating device, digitally dimmable (DALI).
DALI-2-Standard EN 62386	Yes
Connection method	Plug-in terminal
Monitoring Ready	On request
Mains frequency	0/50/60 Hz
Mains voltage	220 - 240 V
Total harmonic distortion < %	14 %
Ingress Protection (IP) rating	IP66
Protection rating on room side	IP66
Protection class	I
Impact resistance (IK)	IK10
Hot wire resistance	650 °C
Ambient temperature	-20 - 50 °C
Max. Luminaires B10	19
Max. Luminaires B16	30
Max. Luminaires C10	25
Max. Luminaires C16	40
Net length	1.578 mm
Net width	145 mm
Net height	101 mm
Recess length	1.100 mm
Recess width	145 mm
Weight	3,6 kg

light distribution curve




**Acquex LED-M 1.5 80-840 ETDD PC
TX375245**

■ C0 - C180
■ C90 - C270

UGR I = 19,7
UGR q = 27,0
DIN 5040: B30
UTE: 0,89 H + 0,11 T
CEN Flux Code: 36 65 85 89 100 2 8 21 11

Available accessories

Material	Description
 ZBSB 6923200	Steel strip suspension, length 1 m, of stainless steel (1 pair).

Offer text

Explosion-proof weather-proof LED diffuser luminaire. For use in areas endangered by explosive atmospheres. ATEX mark II 3D EX TC IIIC T85 DC, -, II 3G EX EC IIC T6 GC, . For horizontal or vertical ceiling and wall mounting. Also suitable for suspended mounting by means of accessories to be ordered separately. Luminaire cover made of an injection-moulded, transparent and UV-stabilised PC cover. With smooth surface and internal prismatic cover for ideal light distribution. With symmetric narrow-wide light distribution. The prismatic cover protects the LED system from accidental contact during installation. Luminaire luminous flux 8000 lm, connected load 55,00 W, luminous efficiency of luminaire 145 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 $L80(t_a 25^\circ\text{C}) = 70,000$ h. Luminaire body of compacted, glass-fibre-reinforced polyester. Colour yellow. Dimensions (L x W): 1578 mm x 145 mm, luminaire height 101 mm. Stainless steel tilting lever catch of rust-free and acid-resistant stainless steel (V2A). Sealing made of polyurethane. Safety class (EN 61140): I, protection rating (DIN EN 60529): IP66, impact resistance level in accordance with IEC 62262: IK10, testing temperature of wire glow test in accordance with IEC 60695-2-11: 650 °C. Permissible ambient temperature (t_a): -20 °C - +40 °C. Weight: 3,6 kg. With operating device, digitally dimmable (DALI). Control gear unit according to DALI-2 standard (EN 62386). The luminaire is suitable for operation on a 230V direct voltage supply grid (DC). The luminaire can be equipped with the Monitoring Ready (MOR) functionality on request. The luminaire complies with the fundamental requirements of applicable EU regulations and product safety legislation and bears the CE symbol.