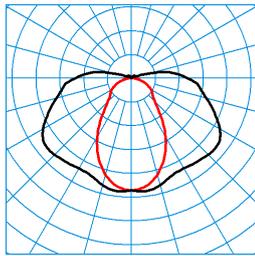

**Product features and key data**

<b>Luminaire type</b>	Explosion-proof weather-proof LED diffuser luminaire.
<b>ATEX Code Dust</b>	II 3D EX TC IIIC T85 DC
<b>ATEX Code Gas</b>	II 3G EX EC IIC T6 GC
<b>Zone (Gas &amp; Dust)</b>	2 & 22
<b>Mounting method</b>	Suspension Surface-mounting Outdoor mast-mounted
<b>Luminaire optic</b>	Luminaire cover made of an injection-moulded, transparent and UV-stabilised PC cover.
<b>Connected load</b>	55 W
<b>Power factor</b>	0,95
<b>Colour temperature</b>	4.000 K
<b>Rated luminous flux</b>	8.000 lm
<b>Luminous efficacy</b>	145 lm/W
<b>Service life</b>	L80 (25 °C) = 70.000 h
<b>Colour rendering index</b>	80
<b>Colour tolerance</b>	3 SDCM
<b>Photobiological class</b>	Group 1 - no risk
<b>Luminaire colour</b>	RAL1003 Signal yellow
<b>Luminaire body</b>	Luminaire body of compacted, glass-fibre-reinforced polyester.
<b>Electrical version</b>	With electronic transformer, switchable.
<b>Connection method</b>	Plug-in terminal
<b>Mains frequency</b>	0/50/60 Hz
<b>Mains voltage</b>	220 - 240 V
<b>Total harmonic distortion &lt; %</b>	14 %
<b>Ingress Protection (IP) rating</b>	IP66
<b>Protection rating on room side</b>	IP66
<b>Protection class</b>	I
<b>Impact resistance (IK)</b>	IK10
<b>Hot wire resistance</b>	650 °C
<b>Ambient temperature</b>	-20 - 50 °C
<b>Max. Luminaires B10</b>	19
<b>Max. Luminaires B16</b>	30
<b>Max. Luminaires C10</b>	25
<b>Max. Luminaires C16</b>	40
<b>Net length</b>	1.578 mm
<b>Net width</b>	145 mm
<b>Net height</b>	101 mm
<b>Recess length</b>	1.100 mm
<b>Recess width</b>	145 mm
<b>Weight</b>	3,7 kg

**light distribution curve**

**Acquex LED-M 1-5 80-840 ET PC  
TX375243**

 ■ 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
 <p data-bbox="204 651 277 696"><b>ZBSB</b> 6923200</p>	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)  $\leq 3$  SDCM, Mean rated service life  $L_{80}(t_q 25^\circ\text{C}) = 70,000$  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: 3,7 kg. With electronic transformer, switchable. The luminaire is suitable for operation on a 230V direct voltage supply grid (DC). The luminaire complies with the fundamental requirements of applicable EU regulations and product safety legislation and bears the CE symbol.