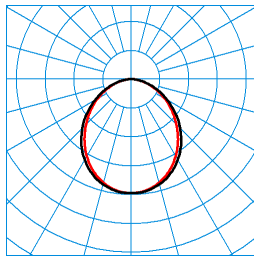


Product features and key data

Applications	Damp environments canopied outdoor areas
Luminaire type	Recessed weather-proof luminaire.
Mounting method	Recessed
Luminaire optic	Diffuser of translucent PMMA, Transmission value greater than 80%.
Connected load	50 W
Colour temperature	3.000 K
Rated luminous flux	5.100 lm
Luminous efficacy	102 lm/W
Service life	L80 (25 °C) = 70.000 h L85 (25 °C) = 50.000 h
Colour rendering index	80
Colour tolerance	3 SDCM
Photobiological class	Group 1 - no risk
Luminaire colour	RAL9016 Traffic white
Luminaire body	Luminaire body of galvanised sheet steel, powder-coated.
Electrical version	With electronic transformer, digitally dimmable (DALI).
Connection method	Terminal
Mains frequency	50/60 Hz
Mains voltage	220 - 240 V
Total harmonic distortion < %	14 %
Ingress Protection (IP) rating	IP54
Protection class	I
Impact resistance (IK)	IK04
Hot wire resistance	650 °C
Ambient temperature	-20 - 25 °C
Net length	622 mm
Net width	622 mm
Net height	97 mm
Recess length	603 mm
Recess width	603 mm
Recess depth	106 mm
Weight	7,5 kg

light distribution curve

**Fidesca-BS G2 M84 T 5500-830
TX047996**

 C0 - C180
 C90 - C270

 UGR I = 21.1
 UGR q = 21.4
 DIN 5040: A40
 UTE: 1,00 D
 CEN Flux Code: 51 81 96 100 100

Offer text

Recessed weather-proof luminaire. with integrated LED system. Recessed luminaire for ceiling mounting. Can be universally used in cut-out recess openings and system ceilings with concealed or exposed grids. For system dimension 625 mm x 625 mm, Cut-out opening 603 x 603 mm. Luminaire fixing via four integral swivel brackets. Diffuser of translucent PMMA, Transmission value greater than 80%. With symmetric light distribution. Glare evaluation (EN 12464-1) according to UGR < 22. Luminaire luminous flux 5100 lm, connected load 50,00 W, luminous efficiency of luminaire 102 lm/W. Light colour warm white, Colour temperature 3000 K, general colour rendering index (CRI) $R_a > 80$. Mean rated service life $L_{85}(t_q 25^\circ\text{C}) = 50,000$ h, mean rated service life $L_{80}(t_q 25^\circ\text{C}) = 70,000$ h. Luminaire body of galvanised sheet steel, powder-coated. Luminaire body colour white (RAL 9016). Dimensions (L x W): 622 mm x 622 mm, luminaire height 97 mm. Sealing of upper part via all-round foam polyurethane seal. Permissible ambient temperature (t_a): $-20^\circ\text{C} - +25^\circ\text{C}$. Safety class (EN 61140): I, protection rating (DIN EN 60529): IP54, impact resistance level in accordance with IEC 62262: IK04, testing temperature of wire glow test in accordance with IEC 60695-2-11: 650°C . With electronic transformer, digitally dimmable (DALI). The luminaire complies with 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.