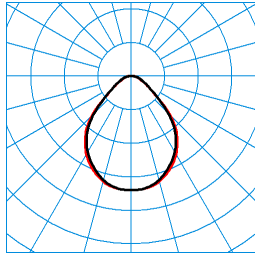

Product features and key data

Applications	Prestigious office lighting Sales rooms Corridors Foyers Prestigious entrance areas Conference rooms Hotels and restaurants Residential areas
Luminaire type	LED recessed luminaire with CDP microprismatic cover.
Light sources	LED system consisting of 4 integrated LED panels.
Mounting method	Recessed
Luminaire optic	With highly efficient CDP microprisms.
Connected load	31 W
Power factor	0,95
Colour temperature	4.000 K
Rated luminous flux	4.000 lm
Luminous efficacy	129 lm/W
Interchangeability lightsource	Yes - interchangeable
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 sheet steel.
Electrical version	With electronic transformer, digitally dimmable (DALI).
DALI-2-Standard EN 62386	Yes
Connection method	Plug-in terminal
Touch-Dim-capable	Yes
Dimming range	1 - 100 %
Monitoring Ready	On request
Mains frequency	50/60 Hz
Mains voltage	220 - 240 V
Total harmonic distortion < %	14 %
Ingress Protection (IP) rating	IP20
Protection rating on room side	IP20
Protection class	I
Impact resistance (IK)	IK06
Hot wire resistance	650 °C
Ambient temperature	-20 - 25 °C
Max. Luminaires B10	14
Max. Luminaires B16	24
Max. Luminaires C10	24
Max. Luminaires C16	41
Net length	1.197 mm
Net width	297 mm
Net height	92 mm
Recess length	1.180 mm
Recess width	280 mm

Recess depth 330 mm

Weight 7,5 kg

light distribution curve

Belviso C1 M46 CDP LED3800nw FB TX037997
■ C0 - C180
■ C90 - C270

 UGR I = 17,7
 UGR q = 17,7
 DIN 5040: A50
 UTE: 1,00 C
 CEN Flux Code: 63 89 97 100 100

Available accessories

Material	Description
Liventy ZBB 5676300	Fixing bracket for recessing in ceilings with concealed grids and cut-out plasterboard ceiling openings (4 pieces).

Offer text

LED recessed luminaire with CDP microprismatic cover. Version M46 (300 mm x 1200 mm). With coloured light frame for individual, emotional lighting designs. With blue light frame. Can be universally used in cut-out recess openings and in system ceilings with concealed or exposed grids. Installation in system ceilings with asymmetric, concealed grids on request. For ceiling cut-outs 1180 mm x 280 mm, Recess depth \geq 330 mm. With highly efficient CDP microprisms. Direct distribution. Glare evaluation according to UGR rating (EN 12464-1) $<$ 19. VDU workstation-compliant in accordance with 12464-1 Completely harmonious light effect due to homogeneously illuminated light emission. LED system consisting of 4 integrated LED panels. Luminaire luminous flux 4000 lm, connected load 31,00 W, luminous efficiency of luminaire 129 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, mean rated service life $L_{85}(t_q 25^\circ\text{C}) = 50,000$ h. The light source is replaceable according to the ecodesign requirements (VO (EU) 2019/2020). Luminaire body sheet steel. Surface coated white (RAL 9016). Dimensions (L x W): 1197 mm x 297 mm, luminaire height 92 mm. Permissible ambient temperature (ta): $-20^\circ\text{C} - +$. Safety class (EN 61140): I, protection rating (DIN EN 60529): IP20, impact resistance level in accordance with IEC 62262: IK06, testing temperature of wire glow test in accordance with IEC 60695-2-11: 650°C . Weight: 7,5 kg. With 5-pole terminal to 2,5 mm² for mains connection and further wiring. With electronic transformer, digitally dimmable (DALI). Control gear unit according to DALI-2 standard (EN 62386). Luminaire is switchable and dimmable by means of touch functionality via DALI control terminals (Touch DIM). The control gear unit is replaceable in accordance with the ecodesign requirements (VO (EU) 2019/2020). 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. The luminaire is also ENEC-certified by an independent testing authority.

EPREL ID

C: SI-B8T104280WW