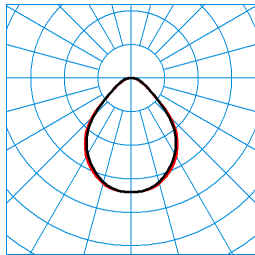

**Product features and key data**

<b>Applications</b>	Prestigious office lighting Sales rooms Corridors Foyers Prestigious entrance areas Conference rooms Hotels and restaurants Residential areas
<b>Luminaire type</b>	LED recessed luminaire with CDP microprismatic cover.
<b>Light sources</b>	LED system consisting of 4 integrated LED panels.
<b>Mounting method</b>	Recessed
<b>Luminaire optic</b>	With highly efficient CDP microprisms.
<b>Connected load</b>	31 W
<b>Power factor</b>	0,95
<b>Colour temperature</b>	4.000 K
<b>Rated luminous flux</b>	4.000 lm
<b>Luminous efficacy</b>	129 lm/W
<b>Interchangeability lightsource</b>	Yes - interchangeable
<b>Service life</b>	L80 (25 °C) = 70.000 h L85 (25 °C) = 50.000 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>	RAL9016 Traffic white
<b>Luminaire body</b>	Luminaire body sheet steel.
<b>Electrical version</b>	With electronic transformer, digitally dimmable (DALI).
<b>DALI-2-Standard EN 62386</b>	Yes
<b>Connection method</b>	Plug-in terminal
<b>Touch-Dim-capable</b>	Yes
<b>Dimming range</b>	1 - 100 %
<b>Monitoring Ready</b>	On request
<b>Mains frequency</b>	50/60 Hz
<b>Mains voltage</b>	220 - 240 V
<b>Total harmonic distortion &lt; %</b>	14 %
<b>Ingress Protection (IP) rating</b>	IP20
<b>Protection rating on room side</b>	IP20
<b>Protection class</b>	I
<b>Impact resistance (IK)</b>	IK06
<b>Hot wire resistance</b>	650 °C
<b>Ambient temperature</b>	-20 - 25 °C
<b>Max. Luminaires B10</b>	14
<b>Max. Luminaires B16</b>	24
<b>Max. Luminaires C10</b>	24
<b>Max. Luminaires C16</b>	41
<b>Net length</b>	1.197 mm
<b>Net width</b>	297 mm
<b>Net height</b>	92 mm
<b>Recess length</b>	1.180 mm
<b>Recess width</b>	280 mm

**Recess depth** 330 mm

**Weight** 7,5 kg

**light distribution curve**

**Belviso C1 M46 CDP LED3800nw FY TX037976**
■ 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
<b>Liventy ZBB</b> 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 yellow 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:  $650^\circ\text{C}$ . Weight: 7,5 kg. With 5-pole terminal to 2,5 mm<sup>2</sup> 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