Product features and key data

Applications	Prestigious entrance areas|Sales rooms|Corridors|Foyers|Offices|Conference rooms|Hotels and restaurants|Residential areas
Luminaire type	LED semi-recessed luminaire with CDP microprismatic cover.
Mounting method	Semi-recessed
Luminaire optic	With highly efficient CDP microprisms.
Light distribution curve	Wide reduced glare UGR19 (W19)
Light Engine	standard product
Colour temperature	4000 K
Rated luminous flux	4000 lm
Connected load	26,00 W
Luminous efficacy	154 lm/W
Rated service life	L80 (25 °C) = 70.000 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
Number of DALI addresses	1
Dimming range	1 - 100 %
Monitoring Ready	Yes
Mains voltage	220 - 240 V
Mains frequency	50/60 Hz
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	595 mm
Net width	595 mm
Net height	72 mm
Recess length	580 mm

Recess width	580 mm
Recess depth	65 mm
Weight	8,2 kg

light distribution curve

Belviso C2 600 CDP LED3800nw ETDD FB

UGR l = 16,6
UGR q = 16,6
DIN 5040: A50
UTE: 0.99 C + 0.01 T
DLOR: 99 %
ULOR: 1 %
CEN Flux Code: 66 90 97 99 100 17 42 75 1
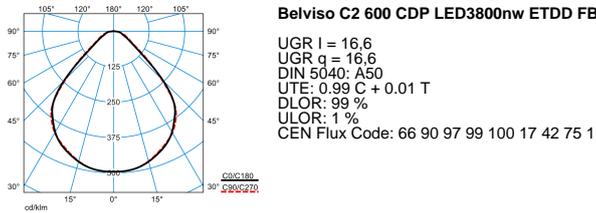
Available accessories

Material	Description
Belviso C2 ZBB 6114800	Ceiling fixing brackets for installing a luminaire in ceilings with visible and concealed grids and for cut ceiling apertures.

Offer text

LED semi-recessed luminaire with CDP microprismatic cover. Version M73 (600 mm x 600mm). With blue light frame. With coloured light frame for individual, emotional lighting designs. 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. Version M73. For system dimension 600 mm x 600 mm. For ceiling cut-outs 580 mm x 580 mm, Recess depth ≥ 65 mm. For installation in cut-out recess openings and in system ceilings with concealed grids, a separately ordered set of Belviso C2 CBB fixing brackets is required. With highly efficient CDP microprisms. With symmetric limited wide light 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. Luminaire luminous flux and light color fixed. Luminaire luminous flux 4000 lm, connected load 26 W, maximum luminous efficiency of luminaire 154 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. Rated service life L80/B50 (t $_q$ 25 °C) = 70,000 h. The light source is replaceable according to the ecodesign requirements (VO (EU) 2019/2020). Luminaire body sheet steel. Surface coated white (similar to RAL 9016). With all-round, exclusive light frame. Dimensions (L x W): 595 mm x 595 mm, luminaire height 72 mm. 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. Permissible ambient temperature (ta): -20 °C to 25 °C. Weight: 8,2 kg. With 5-pole terminal to 2.5 mm ^{2} 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 is monitoring-ready (MOR), supplies luminaire data for monitoring or for predictive maintenance and is therefore compatible to the TRILUX Monitoring Services. 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. Luminaire available for 10 years, spare parts (LED module, control gear unit, optical system) for 15 years from date of invoice, subject to reasonable modifications in the interests of progress.

Disassembly instructions (PDF) for the product available at: https://www.trilux.com/EcoDesign

EPREL - European Product Registry for Energy Labelling

Energy Efficiency Class	Model identifier
B	SI-B8T121530WW

All technical data including details of weight and dimensions have been compiled with all due care. Errors excepted. Product illustrations serve as examples and may differ from the original. We reserve the right to make alterations in the interest of improving our products.