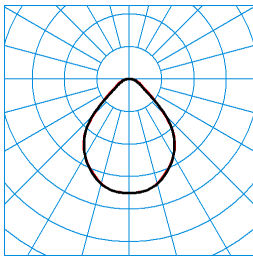
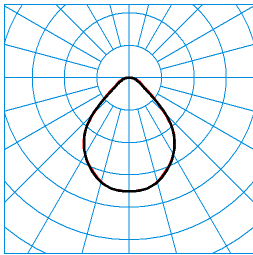

Product features and key data

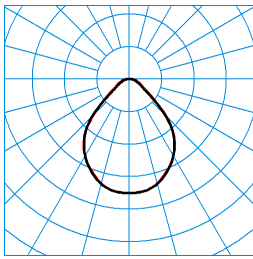
Applications	Prestigious office lighting Sales rooms Corridors Foyers Prestigious entrance areas Conference rooms Hotels and restaurants Residential areas		
Luminaire type	LED recessed luminaire with CDP microprismatic cover.		
Mounting method	Recessed		
Luminaire optic	With highly efficient CDP microprisms.		
LED-System	HCL channel 1	HCL channel 2	HCL MAX
Connected load	31 W	28 W	29 W
Colour temperature	3.000 K	6.500 K	4.000 K
Rated luminous flux	4.050 lm	4.050 lm	4.100 lm
Luminous efficacy	130 lm/W	144 lm/W	141 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 0 - no risk		
Luminaire colour	RAL9016 Traffic white		
Luminaire body	Luminaire body sheet steel.		
Electrical version	With electronic control gear unit for switching, dimming and controlling the light colour using DALI Device Type 8-capable control unit.		
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		
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	13		
Max. Luminaires B16	20		
Max. Luminaires C10	20		
Max. Luminaires C16	34		
Net length	597 mm		
Net width	597 mm		
Net height	90 mm		
Recess length	580 mm		
Recess width	580 mm		
Recess depth	330 mm		
Weight	8,1 kg		

light distribution curve


BelvisoAct C1 600 CDP LED4000 ETDD8 (ActDWW)
TX299894 ■ C0 - C180 ■ C90 - C270
 DIN 5040: A50
 UTE: 1,00 C
 CEN Flux Code: 65 89 97 100 100



BelvisoAct C1 600 CDP LED4000 ETDD8 (ActDCW)
TX299840 ■ C0 - C180 ■ C90 - C270
 DIN 5040: A50
 UTE: 1,00 C
 CEN Flux Code: 65 89 97 100 100



BelvisoAct C1 600 CDP LED4000 ETDD8 (ActDSU)
TX299897 ■ C0 - C180 ■ C90 - C270
 DIN 5040: A50
 UTE: 1,00 C
 CEN Flux Code: 65 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. Luminaire with Active equipment for controlling light colour via separate control unit. With all-round flat 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 system dimension 600 mm x 600 mm. For ceiling cut-outs 580 mm x 580 mm, Recess depth \geq 330 mm. With highly efficient CDP microprisms. Direct distribution. VDU workstation-compliant in accordance with 12464-1 Completely harmonious light effect due to homogeneously illuminated light emission. Luminaire luminous flux 4050 lm, connected load 31,00 W, luminous efficiency of luminaire 130 lm/W. Light colour variable (warm white - daylight white), correlated colour temperature (CCT) variable (2700 K - 6500 K), general colour rendering index (CRI) $R_a > 80$. Colour locus tolerance (initial MacAdam) ≤ 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): 597 mm x 597 mm, luminaire height 90 mm. Permissible ambient temperature (ta): - +. 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: 8,1 kg. With electronic control gear unit for switching, dimming and controlling the light colour using DALI Device Type 8-capable control unit. 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.

EPREL ID

D: 85400753