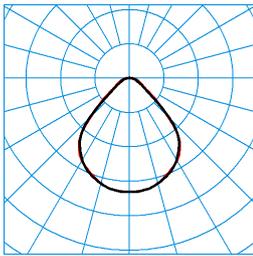

Product features and key data

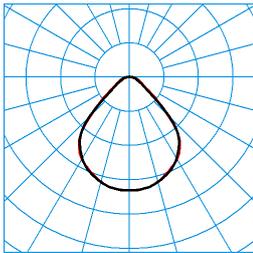
Applications	Prestigious office lighting educational rooms hospital and care conference rooms		
Luminaire type	LED		
Light sources	LED panels configured with LED with warm white and daylight white light colour. Control of LED groups of differing light colours is implemented separately.		
Mounting method	Surface-mounting		
Luminaire optic	With highly efficient CDP microprisms. Completely harmonious light effect due to homogeneously illuminated light emission.		
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	4.150 lm
Luminous efficacy	130 lm/W	144 lm/W	143 lm/W
Interchangeability lightsource	Yes - interchangeable		
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	620 mm		
Net width	620 mm		
Net height	72 mm		
Weight	9,2 kg		

light distribution curve



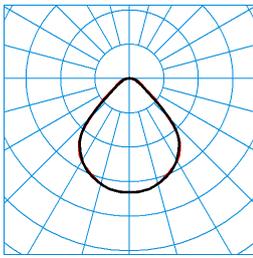
**BelvisoAct D CDP LED4000 ETDD8 (ActDWW)
TX299802** ■ C0 - C180
■ C90 - C270

DIN 5040: A50
UTE: 1,00 C
CEN Flux Code: 66 90 97 99 100 17 42 75 1



**BelvisoAct D CDP LED4000 ETDD8 (ActDCW)
TX299839** ■ C0 - C180
■ C90 - C270

DIN 5040: A50
UTE: 1,00 C
CEN Flux Code: 66 90 97 99 100 17 42 75 1



**BelvisoAct D CDP LED4000 ETDD8 (ActDSU)
TX299822** ■ C0 - C180
■ C90 - C270

DIN 5040: A50
UTE: 1,00 C
CEN Flux Code: 66 90 97 99 100 17 42 75 1

Offer text

LED Luminaire with Active equipment for controlling light colour via separate control unit. Surface-mounted ceiling luminaire with microprismatic cover, square, with four integrated LED panels, Version for integration in light colour control applications. For mounting to ceilings and overhangs indoors. With highly efficient CDP microprisms. Completely harmonious light effect due to homogeneously illuminated light emission. Direct distribution. Suitable for VDU workstations according to EN 12464-1 via limited luminance $L \leq 1500 \text{ cd/m}^2$ for beam angle above 65° all-round. LED panels configured with LED with warm white and daylight white light colour. Control of LED groups of differing light colours is implemented separately. 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) $\leq 3 \text{ SDCM}$. The light source is replaceable according to the ecodesign requirements (VO (EU) 2019/2020). Luminaire body sheet steel. (RAL 9016). Dimensions (L x W): 620 mm x 620 mm, luminaire height 72 mm. Spring catch for convenient opening and mounting. With all-round, exclusive light frame. 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: 9,2 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