TRILUX
SIMPLIFY YOUR LIGHT.

Product features and key data

Applications	Prestigious office lighting|educational rooms|hospital and care|conference rooms
Luminaire type	LED
Mounting method	Surface-mounting
Luminaire optic	With highly efficient CDP microprisms. Completely harmonious light effect due to homogeneously illuminated light emission.
Light Engine	standard product
Colour temperature	4000 K
Rated luminous flux	4000 lm
Connected load	29,00 W
Luminous efficacy	138 lm/W
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
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	620 mm
Net width	620 mm
Net height	72 mm
Weight	9,4 kg

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light distribution curve
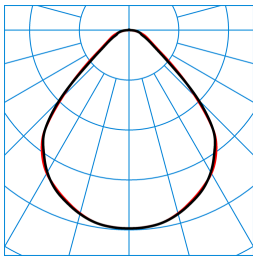
Belviso D CDP LED3900nw ETDD +LLWRR 01
TX064396

■ C0 - C180
■ C90 - C270

UGR l = 16.2
UGR q = 16.3
DIN 5040: A50
UTE: 1,00 C
DLOR: 99 %
ULOR: 1 %
CEN Flux Code: 66 90 97 99 100 17 42 75 1

Offer text

LED Surface-mounted ceiling luminaire with microprismatic cover, square. with four integrated LED panels. With integrated LiveLink WiFi RC radio receiver for integration into a LiveLink WiFi RC mesh network and DALI interface for possible signal forwarding. For mounting to ceilings and overhangs indoors. With highly efficient CDP microprisms. Completely harmonious light effect due to homogeneously illuminated light emission. Direct distribution. Glare evaluation according to UGR rating (EN 12464-1) < 19. Suitable for VDU workstations according to EN 12464-1 via limited luminance L $\leq$ 1500 cd/m^2 for beam angle above 65° all-round. Luminaire luminous flux and light color fixed. Luminaire luminous flux 4000 lm, connected load 29,00 W, luminous efficiency of luminaire 138 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 L80(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 (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. Permissible ambient temperature (ta): -20 °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: 9,4 kg. 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.

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