

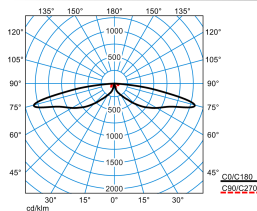

Product features and key data

Applications	Residential roads Residential roads Paths in parks and green areas Residential facilities Staircases Crossroads	
Luminaire type	Decorative post-top luminaire with cylindrical form.	
Mounting method	Mounting bracket	
Luminaire optic	As MLT version (Multi-Lens Technology), consisting of highly efficient UV and temperature-resistant lens systems in 4-fold configurations.	
Light distribution curve	symmetric wide (SB3L)	
Light Engine	CLO initial value	CLO end value
Colour temperature	3000 K	3000 K
Rated luminous flux	1500 lm	1500 lm
Connected load	14,00 W	14,50 W
Luminous efficacy	107 lm/W	103 lm/W
Rated service life	LCL0 (35 °C) = 100.000 h	
Colour rendering index	70	
Colour tolerance	5 SDCM	
Photobiological class	Group 2 - no risk	
Distance to Risk Group 1	840 mm	
Luminaire colour	DB703 micaceous iron oxide	
Luminaire body	Luminaire body of cast aluminium. Luminaire canopies of corrosion-resistant aluminium.	
Electrical version	With electronic transformer, digitally dimmable (DALI).	
DALI-2-Standard EN 62386	Yes	
Surge voltage resistance (differential mode)	6 kV	
Surge voltage resistance (common mode)	10 kV	
Connection method	Connection cable	
Number of DALI addresses	1	
Dimming range	20 - 100 %	
Monitoring Ready	Yes	
Mains voltage	230 - 240 V	
Mains frequency	50/60 Hz	
Total harmonic distortion < %	10 %	
Protection rating	IP65	
Protection class	II	
Impact resistance (IK)	IK10	
Max. mounting height	5.000 mm	
Ambient temperature	35 °C	
Max. Luminaires B10	23	
Max. Luminaires B16	36	
Max. Luminaires C10	37	
Max. Luminaires C16	61	
Net height	605 mm	
Outside diameter	210,20 mm	

Weight 6,5 kg

Light Engine Data

Light Engine	Color temperature	Rated light current	Power supply value Type	Luminous efficacy
CLO initial value	3000 K	1500 lm	14,00 W	107 lm/W
CLO end value	3000 K	1500 lm	14,50 W	103 lm/W

light distribution curve

LTX Z-SB3L-LRA/1500-730 2G1 ETDD

DIN 5040: A20
 UTE: 1.00 J
 DLOR: 100 %
 ULOR: 0 %
 CEN Flux Code: 20 52 85 100 100

Available accessories

Material	Description
0980/60 Reduction piece 2223500	Reduction piece of die-cast aluminium.
09800WB wall mounting 2224100	Wall mounting: steel tube, galvanised.
MLT ZAH p4 6818500	Rear shielding for MLT IQ lens systems.
LTX Z ZD 26 7166700	Canopy for outdoor luminaire LTX Z...
MLT ZAS G4 p4 7851000	Lateral shielding for MLT IQ lens systems. Accessories for retrofitting in technical and decorative outdoor luminaires with lens optics ABxL, AMxL, SB3L, RBxL.
0802KÜ/4 DALI 7918600	Junction box of glass fibre-reinforced polycarbonate. Length 180 mm, Width 82 mm, height 66 mm.
09800/2/76-II post-top 26 3032899	Twin arm bracket. Colour anthracite, with metal effect, powder-coated, highly weather resistant.
09800/3/76-II post-top 26 3033799	Triple mast mounting element. Colour anthracite, with metal effect, powder-coated, highly weather resistant.
09800WB wall mounting 26 4089399	!-V:patr8628466076245@This@class40026028098--] Dimensions (L x W x H): 125 mm x 580 mm x 310 mm.

Offer text

Decorative post-top luminaire with cylindrical form. With an intelligent label for quick access to luminaire information by means of QR code. With self-regulating power reduction via integral evaluation electronics.Reduction of luminaire luminous flux to 50 % for a time period of 7 hours (-2 h/+5 h). The central point of the switch-on duration is defined new on a daily basis . Matching post on request. Mounting height max. 5000 mm. As MLT version (Multi-Lens Technology), consisting of highly efficient UV and temperature-resistant lens systems in 4-fold configurations. With symmetric wide light intensity distribution. For illuminating paths, especially cycle paths. Further beam characteristics are available for flexible adaptation to customer-specific lighting tasks. Retrofitting a rear / side shield is possible as an accessory to be ordered separately. Luminaire luminous flux and light color fixed, with luminous flux stabilization at end of life (CLO). Luminaire luminous flux 1500 lm, connected load 14 W, maximum luminous efficiency of luminaire 107 lm/W. Light colour warm white, correlated colour temperature (CCT) 3000 K, general colour rendering index (CRI) $R_a > 70$. Colour locus tolerance (initial MacAdam) ≤ 5 SDCM. Further LED light colours available on request. Mean rated service life LCL0 (t_q 35 °C) = 100,000 h. The light source is replaceable according to the ecodesign requirements (VO (EU) 2019/2020). Flicker: Pst LM ≤ 1.0 at full load. Luminaire body of cast aluminium. Luminaire canopies of corrosion-resistant aluminium. Surface coated anthracite (similar to RAL 703). Sea weather-suitable coating on request. Diffusers of highly impact-resistant clear PMMA Luminaire diameter \varnothing 210,2 mm, luminaire height 605 mm Mast available upon request. Safety class (EN 61140): II, protection rating (DIN EN 60529): IP65, impact resistance level in accordance with IEC 62262: IK10. Permissible ambient

temperature (ta): 35 °C Windage area $F_w = 0,110 \text{ m}^2$. Weight: 6,5 kg. Factory- fitted connection cable. Length of connection cable: 6.0 m. With electronic transformer, digitally dimmable (DALI). Control gear unit according to DALI-2 standard (EN 62386). The control gear unit is replaceable in accordance with the ecodesign requirements (VO (EU) 2019/2020). Surge voltage resistance Differential Mode / Common Mode: 6 kV / 10 kV. 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.

Planning information:

The luminaire is compliant to the requirements of EN 60598 and is designed for the effects of wind compliant to EN 1991 (Eurocode) with basic wind velocity of up to 30m/s (corresponding to wind zone 4 in Germany) in terrain category 1. A snow load (up to 1kN/m^2) and icing (up to 2 cm) at a mounting height in accordance with the mounting instructions are taken into account. Not considered are exposed locations (e.g. bridges, installation on buildings or directly adjacent to railway tracks). Impact loads are not considered.

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
C	86004976-00
C	SL-B7V0200L3EU