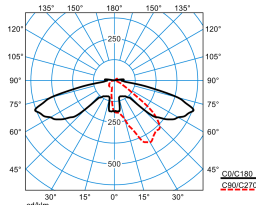

**Product features and key data**

<b>Applications</b>	Collection roads Residential roads Pedestrian zones Arcades Passages Paths in parks and green areas Residential facilities Staircases Access areas Parking lots	
<b>Luminaire type</b>	Decorative LED classic conical lantern for post-top mounting..	
<b>Light sources</b>	LED system consisting of 2 LED modules.	
<b>Mounting method</b>	Mounting bracket	
<b>Luminaire optic</b>	Optical system with Multi-Lens Technology. Luminaire optic consists of highly efficient, UV and temperature-resistant lens systems.	
<b>Light distribution curve</b>	asymmetric wide (AB2L)	
<b>Light Engine</b>	CLO initial value	CLO end value
<b>Colour temperature</b>	3000 K	3000 K
<b>Rated luminous flux</b>	1500 lm	1500 lm
<b>Connected load</b>	14,00 W	14,50 W
<b>Luminous efficacy</b>	107 lm/W	103 lm/W
<b>Rated service life</b>	LCLO (25 °C) = 100.000 h	
<b>Colour rendering index</b>	70	
<b>Colour tolerance</b>	5 SDCM	
<b>Photobiological class</b>	Group 2 - no risk	
<b>Luminaire colour</b>	RAL9005 Jet black	
<b>Luminaire body</b>	Luminaire body of die-cast aluminium, luminaire canopy of corrosion-resistant aluminium, powder-coated highly weather resistant.	
<b>Electrical version</b>	With electronic control gear unit, switchable	
<b>Surge voltage resistance (differential mode)</b>	6 kV	
<b>Surge voltage resistance (common mode)</b>	10 kV	
<b>Connection method</b>	Connection cable	
<b>Mains voltage</b>	220 - 240 V	
<b>Mains frequency</b>	50/60 Hz	
<b>Total harmonic distortion &lt; %</b>	10 %	
<b>Protection rating</b>	IP23	
<b>Protection rating of lamp compartment</b>	IP65	
<b>Protection class</b>	II	
<b>Impact resistance (IK)</b>	IK04	
<b>Max. mounting height</b>	6.000 mm	
<b>Ambient temperature</b>	25 °C	
<b>Max. Luminaires B10</b>	12	
<b>Max. Luminaires B16</b>	20	
<b>Max. Luminaires C10</b>	20	
<b>Max. Luminaires C16</b>	33	
<b>Net height</b>	590 mm	
<b>Outside diameter</b>	672 mm	
<b>Weight</b>	10,9 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**

**9861 AB2L-LR/1500-730 2G1S**

DIN 5040: A30  
 UTE: 0.97 I + 0.03 T  
 DLOR: 97 %  
 ULOR: 3 %  
 CEN Flux Code: 28 65 94 97 100 0 8 36 3

**Available accessories**

Material	Description
 <b>09800EB Release Bracket</b> 2223800	Release bracket for 98-series luminaires.
 <b>09800/2/76-II Pole Bracket f 2Luminaires</b> 2223600	Twin arm bracket. Outer colour deep black, similar to RAL 9005.
 <b>09800/3/76-II post-top</b> 2223700	Triple mast mounting element. Outer colour deep black, similar to RAL 9005.
 <b>0980/60 Reduction piece</b> 2223500	Reduction piece of die-cast aluminium.
 <b>09800WB wall mounting</b> 2224100	Wall mounting: steel tube, galvanised.
 <b>0802KÜ/2 junction box</b> 2218100	Junction box.
 <b>0802KÜ/3 junction box</b> 2218200	Junction box.
 <b>MLT ZAH p4</b> 6818500	Rear shielding for MLT IQ lens systems.
 <b>MLT ZAS G4 p4</b> 7851000	Lateral shielding for MLT IQ lens systems. Accessories for retrofitting in technical and decorative outdoor luminaires with lens optics ABxL, AMxL, SB3L, RBxL.

**Offer text**

Decorative LED classic conical lantern for post-top mounting.. With an intelligent label for quick access to luminaire information by means of QR code. With power reduction via control circuit. Switching off a control circuit causes the luminaire luminous flux to be set to 50%. Post spigot Ø 76 mm. Also suitable for mounting to posts with spigot Ø 60 mm via reduction pieces to be ordered separately. Matching post on request. Mounting height max. 6000 mm. Optical system with Multi-Lens Technology. Luminaire optic consists of highly efficient, UV and temperature-resistant lens systems. With asymmetric wide light distribution. 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). LED system consisting of 2 LED modules. 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)  $\leq 5$  SDCM. Further LED light colours available on request. Mean rated service life LCL0 ( $t_q 25^\circ\text{C}$ ) = 100,000 h. The light source is replaceable according to the ecodesign requirements (VO (EU) 2019/2020). Versions with 3-level switch for adjusting various luminous flux options on request. Flicker: Pst LM  $\leq 1.0$  at full load. Luminaire body of die-cast aluminium, luminaire canopy of corrosion-resistant aluminium, powder-coated highly weather resistant. Colour of outer luminaire body and luminaire top deep black, similar to RAL 9005. Luminaire top white powder-coated on inside. Sea weather-suitable coating on request. Cylindrical cover of impact-resistant PMMA, clear. Mast available upon request. Safety class (EN 61140): II, protection rating (DIN EN 60529): IP23, Protection rating of lamp compartment: IP65. impact resistance level in accordance with IEC 62262: IK04. Permissible ambient temperature ( $t_a$ ):  $25^\circ\text{C}$  Windage area  $F_w = 0,360\text{ m}^2$ . Weight: 10,9 kg. Factory-fitted connection cable. Length of connection cable: 6.0 m. With electronic control gear unit, switchable The control gear unit is replaceable in accordance with the ecodesign requirements (VO (EU) 2019/2020). With connected 6,000 mm connection cable. With insulated terminal point for earth

conductor. Electrical block contains all electric components, can be replaced without tools. 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  $1\text{kN/m}^2$ ) 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**

<b>Energy Efficiency Class</b>	<b>Model identifier</b>
C	86004976-00
C	SL-B7V0200L3EU