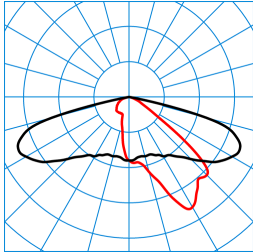


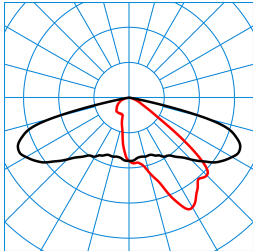
Product features and key data

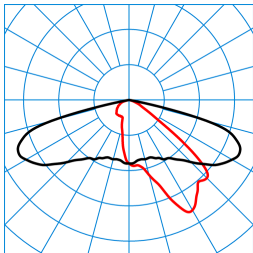
Applications	Main roads Residential roads residential roads Paths in parks and green areas workshops Storage locations Container areas Residential facilities Stairways Crossroads	
Luminaire type	Versatile outdoor post luminaire in minimalist, international design with flat construction.	
Light sources	LED system consists of 6 MLT LED modules each with 4 LEDs.	
Mounting method	Outdoor bracket-mounted Post-top outdoor	
Luminaire optic	As MLT version (Multi-Lens Technology), consisting of highly efficient UV and temperature-resistant lens systems in 4-fold configurations.	
Light Engine	CLO initial value	CLO end value
Colour temperature	4000 K	4000 K
Rated luminous flux	6800 lm	6800 lm
Connected load	59,00 W	62,00 W
Luminous efficacy	115 lm/W	110 lm/W
Service life	LCLO (25 °C) = 100.000 h	
Colour rendering index	70	
Colour tolerance	5 SDCM	
Photobiological class	Group 2 - no risk	
Luminaire colour	DB703 micaceous iron oxide	
Luminaire body	Luminaire body of die-cast aluminium.	
Electrical version	With electronic transformer, switchable.	
Surge voltage resistance (differential mode)	6 kV	
Surge voltage resistance (common mode)	10 kV	
Connection method	Connection cable	
Dimming range	20 - 100 %	
Monitoring Ready	On request	
Mains frequency	50/60 Hz	
Mains voltage	220 - 240 V	
Total harmonic distortion < %	10 %	
Ingress Protection (IP) rating	IP66	
Protection class	II	
Impact resistance (IK)	IK09	
Hot wire resistance	650 °C	
Ambient temperature	25 °C	
Max. Luminaires B10	6	
Max. Luminaires B16	10	
Max. Luminaires C10	10	
Max. Luminaires C16	16	
Net length	450 mm	
Net width	202 mm	
Net height	80 mm	
Weight	4,8 kg	

Light Engine Data

Light Engine	Color temperature	Rated light current	Power supply value Type	Luminous efficacy
CLO initial value	4000 K	6800 lm	59,00 W	115 lm/W
CLO end value	4000 K	6800 lm	62,00 W	110 lm/W







light distribution curve

Jovie50-AB2L6S1-68-740-ET-CAB-26 ■ C0 - C180
TX068575








 DIN 5040: A30
 UTE: 1,00 G
 DLOR: 100 %
 ULOR: 0 %
 CEN Flux Code: 35 72 98 100 100

Jovie50-AB2L6S1-68-740-ET-CAB-26 (CLO end value) ■ C0 - C180
TX301296

 DIN 5040: A30
 UTE: 1,00 G
 DLOR: 100 %
 ULOR: 0 %
 CEN Flux Code: 35 72 98 100 100

Jovie50-AB2L6S1-68-740-ET-CAB-26 (CLO initial value) ■ C0 - C180
TX301568

 DIN 5040: A30
 UTE: 1,00 G
 DLOR: 100 %
 ULOR: 0 %
 CEN Flux Code: 35 72 98 100 100

Available accessories

Material	Description
 0970/60 Reduction Piece 2223400	Reduction piece of stainless steel. For post spigot Ø 60 mm.
 MLT ZAH p4 6818500	Rear shielding for MLT IQ lens systems.
 0803/2/76-200-42 6824200	Bracket of welded, galvanised steel tube for mounting 2 bracket-mounted luminaires. For posts with post spigot Ø 76 mm.
 0803/3/76-200-42 6824300	Bracket of welded, galvanised steel tube for mounting 3 bracket-mounted luminaires. For posts with post spigot Ø 76 mm.
 0803/2/76-200-60 6824500	Bracket of welded, galvanised steel tube for mounting 2 bracket-mounted luminaires. For posts with post spigot Ø 76 mm.
 0803/3/76-350-60 6824900	Bracket of welded, galvanised steel tube for mounting 3 bracket-mounted luminaires. For posts with post spigot Ø 76 mm.

	Jovie Z MB D76 26 7256600	Post mounting for luminaires from the Jovie series 50/70. Of die-cast aluminium. Anthracite colour, similar to DB703 with metal effect, highly weather resistant, powder-coated.
	Jovie A Z MB D42 26 7256500	Post mounting for luminaires from the Jovie series 50/70. Colour anthracite, similar to DB703 with metal effect, highly weather resistant.
	Jovie A Z MB D60 26 7372000	Post mounting for luminaires from the Jovie series 50/70. Colour anthracite, similar to DB703 with metal effect, highly weather resistant.
	Jovie Z MB D60 26 7372100	Post mounting for luminaires from the Jovie series 50/70. Of die-cast aluminium. Anthracite colour, similar to DB703 with metal effect, highly weather resistant, powder-coated.
	0803WB-R/100-42 26 7353000	Decorative wall mounting made of cast aluminium. Colour anthracite, with metal effect, highly weather resistant, (DB 703), (DB 703).
	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.

Offer text

Versatile outdoor post luminaire in minimalist, international design with flat construction. With an intelligent label for quick access to luminaire information by means of QR code. Compact version, length of luminaire head 450mm. To be used as a post-top luminaire (spigot measurement Ø76 mm/ Ø60 mm, Jovie Z MB D.) or bracket-mounted luminaire (spigot measurement Ø42 mm/ Ø60 mm, Jovie A Z MB D...) in combination with the post fixing to be ordered separately.. The inclination of the luminaire head can be adjusted in 4 positions. (0° / 5° / 10° / 15°). As MLT version (Multi-Lens Technology), consisting of highly efficient UV and temperature-resistant lens systems in 4-fold configurations. Asymmetric wide light distribution for road illumination in compliance with P lighting classes and M lighting classes with road width to mounting height ratio of up to 2.0. Further beam characteristics are available for flexible adaptation to customer-specific lighting tasks. The light source can be replaced by skilled personnel. The LED system consists of MLT LED modules with 4 LEDs each. Number of modules: 6. Luminaire luminous flux 6.800 lm, connected load 59,0 W, luminous efficiency of luminaire 115 lm/W. Power factor λ 0,90. Efficiency version with material-optimised number of LEDs. General Colour rendering index (CRI) > 70, correlated colour temperature (CCT) 4000 K. Further LED light colours available on request. Nominal rated service life LCLO (tq 25 °C) 100.000. The light source is replaceable according to the ecodesign requirements (VO (EU) 2019/2020). Luminaire body of die-cast aluminium. Colour DB703 micaceous iron oxide. Sea weather-suitable coating on request. With PMMA cover, printed. The cover can be individually printed on customer request. Visible label protected against weather impact behind the cover on request. Safety class (EN 61140): 02, protection rating (DIN EN 60529): 66, impact resistance level in accordance with IEC 62262: IK09. Mast available upon request. Windage area Fw (m²) = 0. Weight: 4,8 kg. The luminaire is connected without opening the luminaire body by means of the connection cable routed to the outside. The operating device can be replaced by qualified personnel. Length of connection cable: 8 m. With electronic control gear unit and Smart Lighting Ready equipment (SLR) for Retroactive integration of components for lighting management systems. The standardised Zhaga-compliant base is attached to the luminaire head at the top. Parametrierbares Vorschaltgerät mit Lichtstromkonstanthaltung (CLO). Connected load at the end of service life: 62,00 W. 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). The luminaire is compliant with requirements of applicable EU guidelines and product safety legislation (CE label). In addition, the luminaire is ENEC-certified by an independent testing centre. Surge voltage resistance Differential Mode / Common Mode: 6 kV / 10 kV. 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/m²) 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.

Note on accessory: shielding MLT ZAH vp/4 pcs. (TOC 6818500) / MLT ZAS G4 p4 (TOC 7851000) :

Number of required shieldings / number of packaging units with 4 pieces each: 6 / 2.

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/m²) 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
D	85401576-00
D	86005018-00