BOLLARD SKVER Z2 500MM 450LM 830 MLS IP66 I CL. RAL9005 10W

DETAILED CARD



TECHNICAL PARAMETERS

Ingress protection:	IP66
Impact resistance:	IK09
Rated power of the luminaire [W]*:	10
Luminous flux [lm]*:	450
Colour temperature [K]:	3000
Color rendering index (Ra) >:	80
Electrical protection class:	I
Optics:	general
Colour of the body:	black (RAL 9005)
Luminous efficacy [lm/W]:	45

CHARACTERISTICS

The latest Bollard Skver LED (Z2) solutions combine minimalist design, high durability and smart features to create a complete lighting ecosystem for the cities of the future. Design tailored to contemporary spaces. All SKVER product lines feature a clean, modern form that blends subtly into the surroundings of parks, footpaths, promenades and city centres. The discreet appearance and elegant design of Bollard Skver LED (Z2) allow for architectural consistency without excessive 'verticalisation' of the landscape. Precise and safe light guidance. Advanced photometric modules provide uniform, directional lighting that safely guides users through urban spaces.

APPLICATION

Bollard Skver LED (Z2) is a modern lighting solution designed for public and recreational spaces. The luminaire provides lighting in a range of up to 180°, ideal for paths, parks and leisure areas. Thanks to its optimised light distribution, it allows for wide spacing between posts – up to 20 m, which significantly reduces the number of light points and lowers investment costs. The directional multi-lens PMMA matrices guarantee consistent light characteristics throughout their entire service life. Additional screens and optics limit upward light emission, protecting local flora and fauna and meeting DarkSky requirements. The luminaire represents a new generation of modularity – compliance with Zhaga Book standards, vandal-proofing options and easy servicing in a Future Proof concept. This approach minimises maintenance costs, shortens repair times and reduces the amount of electronic waste.
Durability and resistance to external conditions are confirmed by the following parameters:
*IP66 – full resistance to dust and water,
*IK10 – highest impact resistance,
*optional C5+ versions for highly corrosive environments (promenades, bridges, quays),
*powder-coated cast aluminium bodies.
Thanks to energy-efficient LED sources, the luminaire provides high luminous flux with low energy consumption, which, combined with wide bollard spacing and modular design, significantly reduces TCO. Smart City ready – Bollard Skver LED (Z2) can be equipped with smart features such as integration with control systems, support for motion and light intensity sensors, and compatibility with Smart Ready architecture (SKVER LED PRO).
Applications:
* parks, squares and recreational areas,
* footpaths and cycle paths,
* town squares and representative areas,
* building facades, car parks, promenades and waterfronts.

BOLLARD SKVER Z2 500MM 450LM 830 MLS IP66 I CL. RAL9005 10W

DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	496899
Category type:	Park and city lighting
Category of application:	parkings and bicycle paths
Rated power of the luminaire [W]:	10
Luminous flux [lm]:	450
Supply voltage [V]:	220 - 240
Frequency [Hz]:	50-60
Luminous efficacy [lm/W]:	45
Energy efficiency class:	G
Electrical protection class:	I
Colour temperature [K]:	3000
Color rendering index (Ra) >:	80
Power factor:	0.85
Surge protection [kV]:	6
Diffuser material:	polycarbonate

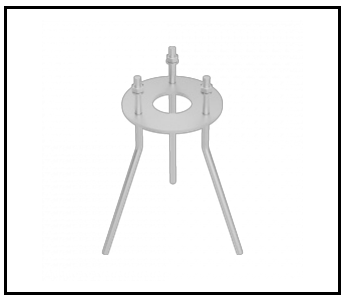
Diffuser type:	milky
Optics:	general
Material of the body:	powder coated aluminium
Colour of the body:	black (RAL 9005)
Dimensions (H/W/T/S) [mm]:	500/fi135
Impact resistance:	IK09
Ingress protection:	IP66
Version:	Z2
Number on the palette [pcs]:	48
Net weight [kg]:	2.990
Warranty [years]:	5
CE certificate:	100/2026
Manual:	Download PDF
ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Plik LDT:	Download

BOLLARD SKVER Z2 500MM 450LM 830 MLS IP66 I CL. RAL9005 10W

DETAILED CARD

ACCESSORIES AVAILABLE

index	Name
498787	SKVER BOLLARD – concrete anchor
498794	SKVER BOLLARD – backfilled anchor



SKVER BOLLARD – concrete anchor (498787)



SKVER BOLLARD – backfilled anchor (498794)

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. * Parameter tolerance is +/- 10%

This product is a subject to electric andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 100/2026

LENA LIGHTING

Lena Lighting S.A.
ul. Kórnicka 52, 63-000 Środa Wielkopolska
tel. +48 61 28 60 333 (Pn-Pt, 8-16), e-mail: hello@lenalighting.pl, www.lenalighting.pl