

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:	czarny RAL9005
Luminous efficacy [lm/W]:	45

CHARACTERISTICS

The latest Bollard Skver LED 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 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 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 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.

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Index:	496899	Optics:	general
Category type:	Park and city lighting	Material of the body:	powder coated aluminium
Category of application:	parkings and bicycle paths	Colour of the body:	czarny RAL9005
Rated power of the luminaire [W]:	10	Dimensions (H/W/T/S) [mm]:	500/fi135
Luminous flux [lm]:	450	Impact resistance:	IK09
Supply voltage [V]:	220 - 240	Ingress protection:	IP66
Frequency [Hz]:	50-60	Power factor:	0.85
Luminous efficacy [lm/W]:	45	Surge protection [kV]:	6
Energy efficiency class:	G	Version:	Z2
Electrical protection class:	I	Number on the palette [pcs]:	48
Colour temperature [K]:	3000	Net weight [kg]:	2.990
Color rendering index (Ra) >:	80	Warranty [years]:	5
LED lifespan L70B50 [h]:	54000	CE certificate:	100/2026
LED lifespan L80B10 [h]:	54000	ENEC Certificate:	0351/ENEC/24/M1
LED lifespan L90B10 [h]:	38000	ENEC Plus:	0121/ENEC+/24/M2
Diffuser material:	polycarbonate	Manual:	Download PDF
Diffuser type:	milky	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018