

SKVER S F 6900 LM 840 RM7 IP66 II CL. DALI ZG B 0 (50W)

DETAILED CARD



TECHNICAL PARAMETERS

| | |
|---|-------------------------------|
| Index: | 435331 |
| Ingress protection: | IP66 |
| Impact resistance: | IK10 |
| Rated power of the luminaire [W]*: | 50 |
| Luminous flux [lm]*: | 6900 |
| Colour temperature [K]: | 4000 |
| Colour rendering index: | > 80 |
| Electrical protection class: | II |
| Optics: | RM7 |
| Control: | Yes + 5-stage power reduction |

CHARACTERISTICS

Skver LED is the new generation of LED park and urban luminaires. It utilizes directional multi-lens arrays made of PMMA, each lens having the same optics, ensuring consistent light characteristics over time. The luminaire's design ensures the tightness of the internal chamber. As standard, the luminaire offers tool-free access to the electrical equipment using two independent knobs, which, upon request and for protection against vandalism or unauthorized opening, can be permanently secured with screws. The upper part of the luminaire features a dedicated hinge. The luminaire allows for the replacement of the integrated internal power/lighting module (compliant with ZhagaBook 13 and ZhagaBook 15 standards) without the use of tools, enabling quick and convenient servicing, allowing for the exchange of one integrated component without dismantling the entire luminaire and making soldered or screwed connections. There is no need for servicing at the installation site. Simply replace the module with a spare (accessory), close the luminaire, and then carry out the servicing work at the service location: at the luminaire owner's facility or return it to the manufacturer's service. The body and bracket are made of pressure die-cast aluminum, powder-coated in black, characterized by a very high degree of IP66 tightness and IK10 mechanical impact resistance. Standard equipment: protection against accidental luminaire overheating NTC; fully programmable DALI driver; available constant light output maintenance functions over time CLO and autonomous, 5-step power reduction; connection terminals; tool-free access. Additional options: accessory canopies transforming the external appearance of the luminaire, Zhaga connector (ZhagaBook 18); compatibility with control systems, anti-vandal protection with screws; additional SP10kV protection outside the power supply, on/off power supply without power reduction; knife switch disconnecting the integrated module voltage in case of chamber opening; made with a wire terminated with a quick connector; painting in any color from the RAL palette. Certificates: CE, RoHS, ENEC, ENEC+, Zhaga-D4i.

APPLICATION

External areas of places such as: town halls, libraries, city offices, healthcare facilities, schools, preschools, public gardens, streets, sidewalks, recreational areas: sports fields, playgrounds, bike paths, historical sites, old towns.

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TECHNICAL PARAMETERS TABLE

| | | | |
|-----------------------------------|-----------------|--|---|
| Index: | 435331 | Material of the body: | powder coated aluminium |
| Rated power of the luminaire [W]: | 50 | Colour of the body: | black |
| EAN: | 5905963435331 | Dimensions (H/W/T/S) [mm]: | 427/360/360 |
| Luminous flux [lm]: | 6900 | Mounting dimensions [mm]: | 76/60/48 |
| ETIM class: | EC000062 | Impact resistance: | IK10 |
| Colour temperature [K]: | 4000 | Ingress protection: | IP66 |
| Category type: | street lighting | Mounting version: | Top, on pole |
| Luminous efficacy [lm/W]: | 138 | Lateral surface (SCx) [m2]: | 0.086 |
| Version: | F | Working temperature [°C]: | from -40 to +50 |
| Energy efficiency class: | C | Socket type: | ZHAGA |
| Light source: | LED module | Sockets: | 1 |
| Colour rendering index: | > 80 | Control: | Yes + 5-stage power reduction |
| Supply voltage [V]: | 220 - 240 | Protection type: | NTC + ESD |
| Optics: | RM7 | Net weight [kg]: | 5.650 |
| Frequency [Hz]: | 50 - 60 | Wire type: | HO7 RNF-2x1 |
| DIMM DALI: | yes | ENEC Certificate: | 0351/ENEC/24/M1 ; 0121/ENEC+/24/M2 |
| Electrical protection class: | II | CE certificate: | 49/2024 |
| SDCM: | ≤ 4 | Zhaga-D4i: | ZG430121062024 |
| Diffuser material: | PC | Environmental Product Declaration (EPD): | 683/2024 |
| Diffuser type: | transparent | Manual: | Download PDF |
| Exchangeable source: | yes | LED lifespan L95B10 [h]: | 100000 |

LIGHT CURVES



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ACCESSORIES AVAILABLE

| index | Name |
|---------|----------------------------------|
| 435478 | SKVER cover fi 60mm |
| 435515 | SKVER Backshield RAL9005 |
| 435522 | SKVER Hood example 1 RAL9005 |
| 421518 | SKVER Hood ULR example 2 RAL9005 |
| 4355461 | SKVER cover fi 48mm |



SKVER Backshield RAL9005 (435515)



SKVER Hood example 1
RAL9005 (435522)



SKVER Hood ULR example 2
RAL9005 (421518)

Card creation date: 21 October 2024

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 and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 49/2024