

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

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	435331
<b>Ingress protection:</b>	IP66
<b>Impact resistance:</b>	IK10
<b>Rated power of the luminaire [W]*:</b>	50
<b>Luminous flux [lm]*:</b>	6900
<b>Colour temperature [K]:</b>	4000
<b>Colour rendering index:</b>	80
<b>Electrical protection class:</b>	II
<b>Optics:</b>	RM7
<b>Control:</b>	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	Colour of the body:	black
Rated power of the luminaire [W]:	50	Impact resistance:	IK10
EAN:	5905963435331	Ingress protection:	IP66
Luminous flux [lm]:	6900	Mounting version:	Top, on pole
Category type:	street lighting	Lateral surface (SCx) [m2]:	0.086
Colour temperature [K]:	4000	Working temperature [°C]:	from -40 to +50
Light source:	LED module	Control:	Yes + 5-stage power reduction
Luminous efficacy [lm/W]:	138	Protection type:	NTC
Supply voltage [V]:	220 - 240	Net weight [kg]:	5.650
Version:	F	Wire type:	HO7 RNF-2x1
Energy efficiency class:	C	Sockets:	1
Frequency [Hz]:	50 - 60	ETIM class:	EC000062
Colour rendering index:	80	Socket type:	ZHAGA
Optics:	RM7	LED lifespan L90B10 [h]:	100000
Electrical protection class:	II	Dimensions (H/W/T/S) [mm]:	427/360/360
DIMM DALI:	yes	Mounting dimensions [mm]:	76/60/48
SDCM:	≤ 4	Environmental Product Declaration (EPD):	683/2024
Diffuser material:	PC	ENEC Certificate:	<a href="#">0351/ENEC/24;</a> <a href="#">0121/ENEC+/24/M1</a>
Diffuser type:	transparent	CE certificate:	<a href="#">49/2024</a>
Exchangeable source:	yes	Zhaga-D4i:	<a href="#">ZG430121062024</a>
Material of the body:	powder coated aluminium	Manual:	<a href="#">Download PDF</a>

## LIGHT CURVES



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## ACCESSORIES AVAILABLE

index	Name
435478	SKVER adapter fi 60mm
435515	SKVER Backshield RAL9005
435522	SKVER Hood example 1 RAL9005
421518	SKVER Hood ULR example 2 RAL9005



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