

# SKVER LED

GENERAL CARD



## TECHNICAL PARAMETERS

<b>Ingress protection:</b>	IP66
<b>Impact resistance:</b>	IK10
<b>Rated power of the luminaire [W]*:</b>	19.00 - 50.00
<b>Luminous flux [lm]*:</b>	2250 - 6700
<b>Colour temperature [K]:</b>	3000; 4000
<b>Colour rendering index:</b>	80
<b>Electrical protection class:</b>	II
<b>Optics:</b>	RM7; no
<b>Control:</b>	Yes + 5-stage power reduction
<b>Colour of the body:</b>	black
<b>Luminous efficacy [lm/W]:</b>	115.00 - 138.00
<b>Energy efficiency class:</b>	C; D
<b>Material of the body:</b>	powder coated aluminium
<b>Diffuser type:</b>	transparent
<b>Diffuser material:</b>	PC
<b>SDCM:</b>	≤ 4
<b>Socket type:</b>	ZHAGA

## 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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## AVAILABLE VERSIONS



Click index >>, to see details

### SKVER LED A

Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Version	Energy efficiency class	Colour temperature [K]	Colour rendering index	Electrical protection class	Optics	DIMM DALI	Index
19	2250	118	A	D	3000	80	II	no		<a href="#">&gt;&gt; 435102</a>
19	2350	124	A	D	4000	80	II	no		<a href="#">&gt;&gt; 435164</a>
26	3000	115	A	D	4000	80	II	no		<a href="#">&gt;&gt; 435171</a>
26	3100	119	A	D	3000	80	II	no		<a href="#">&gt;&gt; 435119</a>
33	3900	118	A	D	3000	80	II	no		<a href="#">&gt;&gt; 435126</a>
33	4100	124	A	D	4000	80	II	no		<a href="#">&gt;&gt; 435188</a>
39	4550	117	A	D	3000	80	II	no		<a href="#">&gt;&gt; 435133</a>
39	4800	123	A	D	4000	80	II	no		<a href="#">&gt;&gt; 435195</a>
44	5250	119	A	D	3000	80	II	no		<a href="#">&gt;&gt; 435140</a>
44	5550	126	A	D	4000	80	II	no		<a href="#">&gt;&gt; 435201</a>
50	5900	118	A	D	3000	80	II	no		<a href="#">&gt;&gt; 435157</a>
50	6200	124	A	D	4000	80	II	no		<a href="#">&gt;&gt; 435218</a>

### SKVER LED F

Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Version	Energy efficiency class	Colour temperature [K]	Colour rendering index	Electrical protection class	Optics	DIMM DALI	Index
19	2500	132	F	D	3000	80	II	RM7	yes	<a href="#">&gt;&gt; 435225</a>
19	2600	137	F	C	4000	80	II	RM7	yes	<a href="#">&gt;&gt; 435287</a>
26	3400	131	F	D	3000	80	II	RM7	yes	<a href="#">&gt;&gt; 435232</a>
26	3600	138	F	C	4000	80	II	RM7	yes	<a href="#">&gt;&gt; 435294</a>
33	4200	127	F	D	3000	80	II	RM7	yes	<a href="#">&gt;&gt; 435249</a>
33	4450	135	F	D	4000	80	II	RM7	yes	<a href="#">&gt;&gt; 435300</a>
39	5000	128	F	D	3000	80	II	RM7	yes	<a href="#">&gt;&gt; 435256</a>
39	5250	135	F	D	4000	80	II	RM7	yes	<a href="#">&gt;&gt; 435317</a>
44	5600	127	F	D	3000	80	II	RM7	yes	<a href="#">&gt;&gt; 435263</a>
44	5900	134	F	D	4000	80	II	RM7	yes	<a href="#">&gt;&gt; 435324</a>
50	6350	127	F	D	3000	80	II	RM7	yes	<a href="#">&gt;&gt; 435270</a>
50	6700	134	F	D	4000	80	II	RM7	yes	<a href="#">&gt;&gt; 435331</a>

### SKVER LED L

Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Version	Energy efficiency class	Colour temperature [K]	Colour rendering index	Electrical protection class	Optics	DIMM DALI	Index
19	2500	132	L	D	3000	80	II	RM7	yes	<a href="#">&gt;&gt; 435348</a>
19	2600	137	L	C	4000	80	II	RM7	yes	<a href="#">&gt;&gt; 435409</a>
26	3400	131	L	D	3000	80	II	RM7	yes	<a href="#">&gt;&gt; 435355</a>

# SKVER LED

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Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Version	Energy efficiency class	Colour temperature [K]	Colour rendering index	Electrical protection class	Optics	DIMM DALI	Index
26	3600	138	L	C	4000	80	II	RM7	yes	<a href="#">&gt;&gt; 435416</a>
33	4200	127	L	D	3000	80	II	RM7	yes	<a href="#">&gt;&gt; 435362</a>
33	4450	135	L	D	4000	80	II	RM7	yes	<a href="#">&gt;&gt; 435423</a>
39	5000	128	L	D	3000	80	II	RM7	yes	<a href="#">&gt;&gt; 435379</a>
39	5250	135	L	D	4000	80	II	RM7	yes	<a href="#">&gt;&gt; 435430</a>
44	5600	127	L	D	3000	80	II	RM7	yes	<a href="#">&gt;&gt; 435386</a>
44	5900	134	L	D	4000	80	II	RM7	yes	<a href="#">&gt;&gt; 435447</a>
50	6350	127	L	D	3000	80	II		yes	<a href="#">&gt;&gt; 435393</a>
50	6650	133	L	D	4000	80	II	RM7	yes	<a href="#">&gt;&gt; 435454</a>

# SKVER LED

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GENERAL CARD

## ACCESSORIES AVAILABLE

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index	Name
435478	SKVER adapter fi 60mm

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<b>SKVER S L 7100lm 840 RM7 IP66 II kl. DALI ZG B 0 (50W)</b>	
<b>Model</b> SKVER S SKVER M	<b>Luminaire power [W]</b> Value in [W] in steps of 1 W
<b>Version</b> A Non-accessible interior F Tool free accessible interior <b>L Tool free accessible interior with knife disconnect</b>	<b>Accessories</b> <b>0 Without aperture</b> 1 With aperture no. 1 2 With aperture no. 2
<b>Luminous flux [lm]</b> Value in [lm] in steps of 25 lux	<b>Body colour</b> <b>B Black</b> G Grey W White
<b>CRI/CCT</b> 730, 740, 750, 757, 830, <b>840</b> , 850, 857	<b>Socket</b> BLANK = No socket <b>ZG Zhaga (ZhagaBook 18)</b>
<b>Optics</b> ASM, ASM2, AS N, ASW, ASW2, PL 1, PP1, PP1L, RM1 0, RM1 1, RM11+, RM12, RM 13, RM 14, RM1 5, RM1 6, RM16L, RM1 7, RM1 8, RM18+, RM 19, RM3, RM3L, RM 4, RM4L, RM 5, RM 6, <b>RM7</b> , RM7L, RM 8, RM8+, RM 9, RMW, RN1, RN2, RN 3, RP, RW2, RW2L, RW 3, RW4, RW 5, RW 6, RW 7, RW8, RW9, RM1, RM2, RM2 0, RM20+, RM 21, RM22, RM2 3, RM 24, RM2 5, RM 26, RM 27, RM2 8, RM 29, RM30	<b>Control</b> 1DIM <b>DALI</b>
<b>IP</b> <b>IP66</b>	<b>Protection class</b> <b>II kl.</b>

The Skver LED luminaire is available in 6 types:

**A** version: pole mounting, basic version with omnidirectional light distribution.

**F** version: pole mounting, tool-free access to the internal chamber, available with omnidirectional light distribution and directed light distribution.

**L** version: pole mounting, tool-free access to the luminaire chamber, quick tool-free replacement of the integrated module, available with omnidirectional and directed light distribution.

**R** version: suspended mounting, tool-free access to the luminaire chamber, quick tool-free replacement of the integrated module, available with omnidirectional and directed light distribution.

**W** version: suspended installation on cables, tool-free access to the luminaire chamber, quick tool-free replacement of the integrated module, available with omnidirectional and directed light distribution.

**Z** version: assembly depending on the accessory used, tool-free access to the housing chamber, quick tool-free replacement of the integrated module.

Card creation date: 03 July 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



### **Pole mounted luminaires**

The Skver park and urban luminaires combine high light efficiency and unprecedented functionality with innovative, modular design.

This feature allows for easy and quick implementation of structural and visual changes in the luminaire.

### **Backshield**

The luminaire can be equipped with a backshield, which prevents the light from spreading in unwanted directions.

### **Pole mounted luminaires**

Skver Bespoke road luminaires provide a one-of-a-kind solution, showcasing our dedication to meeting the unique needs of our customers.

### **Bespoke version - Example 6**

The Skver LED luminaire with a flower-shaped hood not only provides effective lighting, but also adds a touch of charm and aesthetics to urban streets, creating a pleasant atmosphere.

