

# 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>	2375 - 7400
<b>Colour temperature [K]:</b>	3000; 4000
<b>Colour rendering index:</b>	> 70; > 80
<b>Electrical protection class:</b>	II
<b>Optics:</b>	RM18; RM7; no
<b>Control:</b>	5-stage power reduction; Yes + 5-stage power reduction
<b>Colour of the body:</b>	black
<b>Luminous efficacy [lm/W]:</b>	119.00 - 161.00
<b>Energy efficiency class:</b>	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
<b>Optics material:</b>	brak

## 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]*	Colour temperature [K]	Luminous efficacy [lm/W]	Version	Energy efficiency class	Colour rendering index	Optics	DIMM DALI	DIMM 1-10V	Index
19	2375	3000	125	A	D	> 80	no		yes	<a href="#">&gt;&gt; 435102</a>
19	2625	4000	138	A	C	> 80	no		yes	<a href="#">&gt;&gt; 435164</a>
26	3225	3000	124	A	D	> 80	no		yes	<a href="#">&gt;&gt; 435119</a>
26	3575	4000	138	A	C	> 80	no		yes	<a href="#">&gt;&gt; 435171</a>
33	4075	3000	123	A	D	> 80	no		yes	<a href="#">&gt;&gt; 435126</a>
33	4500	4000	136	A	D	> 80	no		yes	<a href="#">&gt;&gt; 435188</a>
39	4725	3000	121	A	D	> 80	no		yes	<a href="#">&gt;&gt; 435133</a>
39	5225	4000	134	A	D	> 80	no		yes	<a href="#">&gt;&gt; 435195</a>
44	5375	3000	122	A	D	> 80	no		yes	<a href="#">&gt;&gt; 435140</a>
44	5925	4000	135	A	D	> 80	no		yes	<a href="#">&gt;&gt; 435201</a>
50	5950	3000	119	A	D	> 80	no		yes	<a href="#">&gt;&gt; 435157</a>
50	6600	4000	132	A	D	> 80	no		yes	<a href="#">&gt;&gt; 435218</a>

### SKVER LED F

Rated power of the luminaire [W]*	Luminous flux [lm]*	Colour temperature [K]	Luminous efficacy [lm/W]	Version	Energy efficiency class	Colour rendering index	Optics	DIMM DALI	DIMM 1-10V	Index
19	2725	3000	143	F	C	> 80	RM7	yes		<a href="#">&gt;&gt; 435225</a>
19	2850	4000	150	F	C	> 80	RM7	yes		<a href="#">&gt;&gt; 435287</a>
19	2925	3000	154	F	C	> 70	RM7	yes		<a href="#">&gt;&gt; 421761</a>
19	3050	4000	161	F	B	> 70	RM7	yes		<a href="#">&gt;&gt; 421822</a>
26	3700	3000	142	F	C	> 80	RM7	yes		<a href="#">&gt;&gt; 435232</a>
26	3850	4000	148	F	C	> 80	RM7	yes		<a href="#">&gt;&gt; 435294</a>
26	3975	3000	153	F	C	> 70	RM7	yes		<a href="#">&gt;&gt; 421778</a>
26	4125	4000	159	F	B	> 70	RM7	yes		<a href="#">&gt;&gt; 421839</a>
33	4625	3000	140	F	C	> 80	RM7	yes		<a href="#">&gt;&gt; 435249</a>
33	4825	4000	146	F	C	> 80	RM7	yes		<a href="#">&gt;&gt; 435300</a>
33	4950	3000	150	F	C	> 70	RM7	yes		<a href="#">&gt;&gt; 421785</a>
33	5175	4000	157	F	C	> 70	RM7	yes		<a href="#">&gt;&gt; 421846</a>
39	5300	3000	136	F	D	> 80	RM7	yes		<a href="#">&gt;&gt; 435256</a>
39	5525	4000	142	F	C	> 80	RM7	yes		<a href="#">&gt;&gt; 435317</a>
39	5675	3000	146	F	C	> 70	RM7	yes		<a href="#">&gt;&gt; 421792</a>
39	5925	4000	152	F	C	> 70	RM7	yes		<a href="#">&gt;&gt; 421853</a>
44	5975	3000	136	F	D	> 80	RM7	yes		<a href="#">&gt;&gt; 435263</a>
44	6250	4000	142	F	C	> 80	RM7	yes		<a href="#">&gt;&gt; 435324</a>

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Rated power of the luminaire [W]*	Luminous flux [lm]*	Colour temperature [K]	Luminous efficacy [lm/W]	Version	Energy efficiency class	Colour rendering index	Optics	DIMM DALI	DIMM 1-10V	Index
44	6400	3000	145	F	C	> 70	RM7	yes		<a href="#">&gt;&gt; 421808</a>
44	6700	4000	152	F	C	> 70	RM7	yes		<a href="#">&gt;&gt; 421860</a>
50	6625	3000	133	F	D	> 80	RM7	yes		<a href="#">&gt;&gt; 435270</a>
50	6900	4000	138	F	C	> 80	RM7	yes		<a href="#">&gt;&gt; 435331</a>
50	7100	3000	142	F	C	> 70	RM7	yes		<a href="#">&gt;&gt; 421815</a>
50	7400	4000	148	F	C	> 70	RM7	yes		<a href="#">&gt;&gt; 421877</a>

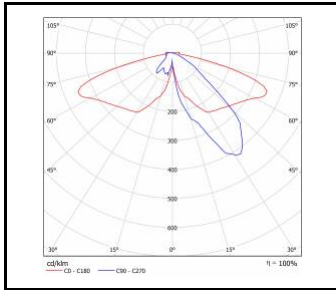
## SKVER LED L

Rated power of the luminaire [W]*	Luminous flux [lm]*	Colour temperature [K]	Luminous efficacy [lm/W]	Version	Energy efficiency class	Colour rendering index	Optics	DIMM DALI	DIMM 1-10V	Index
19	2725	3000	143	L	D	> 80	RM7	yes		<a href="#">&gt;&gt; 435348</a>
19	2850	4000	150	L	C	> 80	RM7	yes		<a href="#">&gt;&gt; 435409</a>
19	2925	3000	154	L	C	> 70	RM7	yes		<a href="#">&gt;&gt; 421884</a>
19	3050	4000	161	L	B	> 70	RM7	yes		<a href="#">&gt;&gt; 421945</a>
26	3700	3000	142	L	D	> 80	RM7	yes		<a href="#">&gt;&gt; 435355</a>
26	3850	4000	148	L	C	> 80	RM7	yes		<a href="#">&gt;&gt; 435416</a>
26	3850	4000	148	L	C	> 80	RM18	yes		<a href="#">&gt;&gt; 435416/LXN</a>
26	3975	3000	153	L	C	> 70	RM7	yes		<a href="#">&gt;&gt; 421891</a>
26	4125	4000	159	L	B	> 70	RM7	yes		<a href="#">&gt;&gt; 421952</a>
33	4625	3000	140	L	D	> 80	RM7	yes		<a href="#">&gt;&gt; 435362</a>
33	4825	4000	146	L	C	> 80	RM7	yes		<a href="#">&gt;&gt; 435423</a>
33	4950	3000	150	L	C	> 70	RM7	yes		<a href="#">&gt;&gt; 421907</a>
33	5175	4000	157	L	C	> 70	RM7	yes		<a href="#">&gt;&gt; 421969</a>
39	5300	3000	136	L	D	> 80	RM7	yes		<a href="#">&gt;&gt; 435379</a>
39	5525	4000	142	L	C	> 80	RM7	yes		<a href="#">&gt;&gt; 435430</a>
39	5675	3000	146	L	C	> 70	RM7	yes		<a href="#">&gt;&gt; 421914</a>
39	5925	4000	152	L	C	> 70	RM7	yes		<a href="#">&gt;&gt; 421976</a>
44	5975	3000	136	L	D	> 80	RM7	yes		<a href="#">&gt;&gt; 435386</a>
44	6250	4000	142	L	C	> 80	RM7	yes		<a href="#">&gt;&gt; 435447</a>
44	6400	3000	145	L	C	> 70	RM7	yes		<a href="#">&gt;&gt; 421921</a>
44	6700	4000	152	L	C	> 70	RM7	yes		<a href="#">&gt;&gt; 421983</a>
50	6625	3000	133	L	D	> 80	RM7	yes		<a href="#">&gt;&gt; 435393</a>
50	6900	4000	138	L	C	> 80	RM7	yes		<a href="#">&gt;&gt; 435454</a>
50	7100	3000	142	L	C	> 70	RM7	yes		<a href="#">&gt;&gt; 421938</a>
50	7400	4000	148	L	C	> 70	RM7	yes		<a href="#">&gt;&gt; 421990</a>

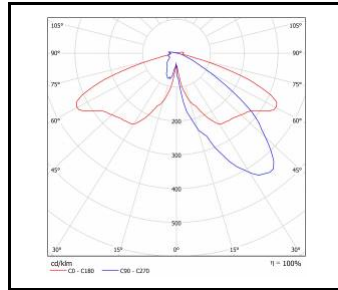


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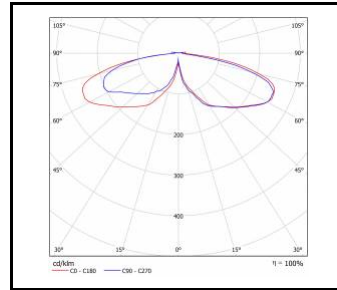
## GENERAL CARD



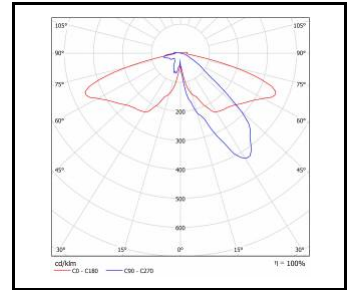
RW2 (F,L)



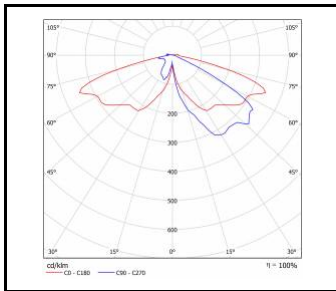
RW4 (F,L)



RW5-R (F,L)



RW7 (F,L)



RW9 (F,L)

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## ACCESSORIES AVAILABLE

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



SKVER Backshield RAL9005 (435515)



SKVER Hood example 1  
RAL9005 (435522)



SKVER Hood ULR example 2  
RAL9005 (421518)

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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: 19 February 2025

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.

