

SKVER LED

GENERAL CARD



TECHNICAL PARAMETERS

Ingress protection:	IP66
Impact resistance:	IK10
Rated power of the luminaire [W]*:	19.00 - 50.00
Luminous flux [lm]*:	2375 - 7400
Colour temperature [K]:	3000; 4000
Colour rendering index:	70; 80
Electrical protection class:	II
Optics:	RM7; no
Control:	5-stage power reduction; Yes + 5-stage power reduction
Colour of the body:	black
Luminous efficacy [lm/W]:	119.00 - 161.00
Energy efficiency class:	B; C; D
Material of the body:	powder coated aluminium
Diffuser type:	transparent
Diffuser material:	PC
SDCM:	≤ 4
Socket type:	ZHAGA
Optics material:	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	>> 435102
19	2625	4000	138	A	C	80	no		yes	>> 435164
26	3225	3000	124	A	D	80	no		yes	>> 435119
26	3575	4000	138	A	C	80	no		yes	>> 435171
33	4075	3000	123	A	D	80	no		yes	>> 435126
33	4500	4000	136	A	D	80	no		yes	>> 435188
39	4725	3000	121	A	D	80	no		yes	>> 435133
39	5225	4000	134	A	D	80	no		yes	>> 435195
44	5375	3000	122	A	D	80	no		yes	>> 435140
44	5925	4000	135	A	D	80	no		yes	>> 435201
50	5950	3000	119	A	D	80	no		yes	>> 435157
50	6600	4000	132	A	D	80	no		yes	>> 435218

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		>> 435225
19	2850	4000	150	F	C	80	RM7	yes		>> 435287
19	2925	3000	154	F	C	70	RM7	yes		>> 421761
19	3050	4000	161	F	B	70	RM7	yes		>> 421822
26	3700	3000	142	F	C	80	RM7	yes		>> 435232
26	3850	4000	148	F	C	80	RM7	yes		>> 435294
26	3975	3000	153	F	C	70	RM7	yes		>> 421778
26	4125	4000	159	F	B	70	RM7	yes		>> 421839
33	4625	3000	140	F	C	80	RM7	yes		>> 435249
33	4825	4000	146	F	C	80	RM7	yes		>> 435300
33	4950	3000	150	F	C	70	RM7	yes		>> 421785
33	5175	4000	157	F	C	70	RM7	yes		>> 421846
39	5300	3000	136	F	D	80	RM7	yes		>> 435256
39	5525	4000	142	F	C	80	RM7	yes		>> 435317
39	5675	3000	146	F	C	70	RM7	yes		>> 421792
39	5925	4000	152	F	C	70	RM7	yes		>> 421853
44	5975	3000	136	F	D	80	RM7	yes		>> 435263
44	6250	4000	142	F	C	80	RM7	yes		>> 435324

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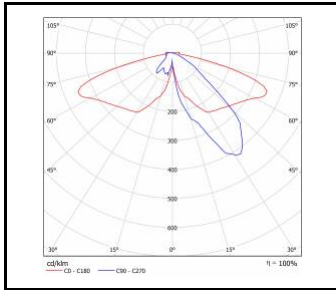
Rated power of the luminaire [W]*	Luminous flux [lm]*	Colour temperature [K]	Luminous efficacy [lm/W]	Version	Energy efficiency class	Colour rendering index	Optics	DIMM DALI	DIMM 1-10V	Index
44	6400	3000	145	F	C	70	RM7	yes		>> 421808
44	6700	4000	152	F	C	70	RM7	yes		>> 421860
50	6625	3000	133	F	D	80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

SKVER LED L

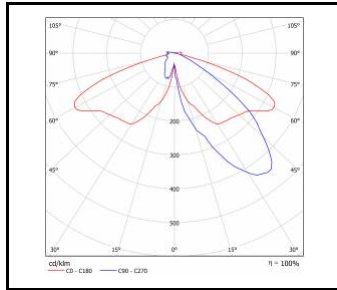
Rated power of the luminaire [W]*	Luminous flux [lm]*	Colour temperature [K]	Luminous efficacy [lm/W]	Version	Energy efficiency class	Colour rendering index	Optics	DIMM DALI	DIMM 1-10V	Index
19	2725	3000	143	L	D	80	RM7	yes		>> 435348
19	2850	4000	150	L	C	80	RM7	yes		>> 435409
19	2925	3000	154	L	C	70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

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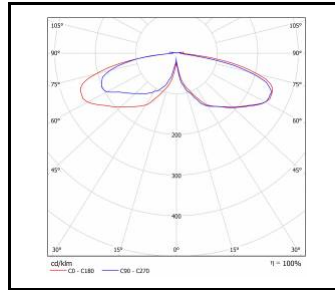
GENERAL CARD



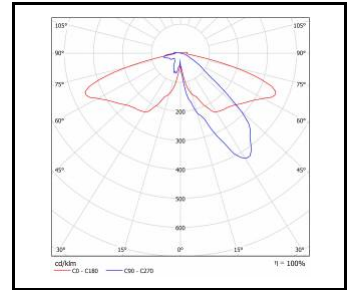
RW2 (F,L)



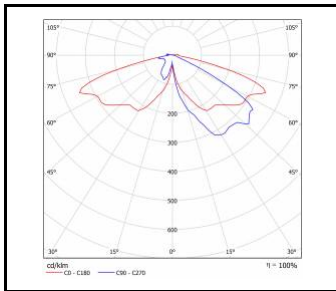
RW4 (F,L)



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
435478	SKVER adapter fi 60mm
421518	SKVER Hood ULR example 2 RAL9005



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: 05 December 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.

