

# SKVER LED S (Z1 MF)

GENERAL CARD



## TECHNICAL PARAMETERS

<b>Ingress protection:</b>	IP66
<b>Impact resistance:</b>	IK10
<b>Rated power of the luminaire [W]*:</b>	8.00 - 54.00
<b>Luminous flux [lm]*:</b>	975 - 7025
<b>Colour temperature [K]:</b>	4000
<b>Colour rendering index:</b>	> 70; > 80
<b>Electrical protection class:</b>	II
<b>Optics:</b>	MLS; RM7
<b>Control:</b>	Yes + 5-stage power reduction
<b>Colour of the body:</b>	black
<b>Luminous efficacy [lm/W]:</b>	127.00 - 156.00
<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>	toughened glass
<b>Optics material:</b>	PMMA + PC

## CHARACTERISTICS

**Skver LED S (Z1 MF)** modular, decorative, innovative park and city LED luminaire with tool-free access to the equipment compartment, equipped with a tool-free service plate compliant with the ZhagaBook 13 and 15 standard, adapted for both top and boom mounting. Made of pressure-formed aluminum, equipped with a flat glass shade, characterized by ULR = 0, maximum resistance to mechanical impact and increased color rendering index. The luminaire is available in variants with omnidirectional and directed lighting. The luminaire allows the use of dedicated functional accessories in the form of a screen that limits disturbing glare.

### Distinguishing features:

- \* Distinctive urban design of a round luminaire
- \* Architectural quality of workmanship
- \* Omnidirectional and directed distribution
- \* Available variants in standard (CRI70) and increased color rendering index (CRI80)
- \* Highest degree of resistance IK10
- \* High efficiency up to 161 lm/W
- \* Tool-free access to the equipment chamber
- \* Adjustable mounting bracket enabling mounting of the luminaire both on poles and on an extension arm in the range of fi 48 - fi 76
- \* Possibility of equipping with a dedicated accessory reducing glare
- \* Possibility of equipping the luminaire with a Zhaga connector compliant with ZD4i
- \* Certificates: ENEC, ENEC+, ZD4i, EPD environmental declaration
- \* Tool-free service plate, compliant with the ZhagaBook 13 and 15 standard
- \* Knife connector cutting off voltage during service work
- \* **Luminaire with indicator ULR = 0**

## APPLICATION

**Skver LED S (Z1 MF)** is ideal for biologically active spaces, where the protection of the dark sky plays a special role, such as parks, squares, urban green islands, urban interiors in accordance with the photometric project, pedestrian routes, residential roads, parking lots and gardens. The luminaire is also suitable for lighting streets and roads of class M4 and M5. Thanks to the ULR = 0 index, it protects the urban ecosystem from excessive light emission into the upper half-space, restoring the dark night sky over cities.

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## AVAILABLE VERSIONS



Click index >>, to see details

### Skver LED S (Z1 MF) MLS

Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Energy efficiency class	Colour temperature [K]	Colour rendering index	Electrical protection class	Optics	DIMM DALI	Dimensions (H/W/T/S) [mm]	Index
8	975	127	D	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800009</a>
8	975	127	D	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800542</a>
10	1325	137	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800016</a>
10	1325	137	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800559</a>
12	1575	137	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800023</a>
12	1575	137	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800566</a>
14	1850	138	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800030</a>
14	1850	138	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800573</a>
15	1975	138	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800047</a>
15	1975	138	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800580</a>
16	2125	139	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800054</a>
16	2125	139	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800597</a>
18	2425	139	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800061</a>
18	2425	139	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800603</a>
21	2800	139	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800078</a>
21	2800	139	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800610</a>
23	3100	140	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800085</a>
23	3100	140	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800627</a>
24	3225	140	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800092</a>
24	3225	140	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800634</a>
25	3350	140	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800108</a>
25	3350	140	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800641</a>
26	3500	139	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800115</a>
26	3500	139	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800658</a>
28	3750	139	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800122</a>
28	3750	139	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800665</a>
29	3875	139	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800139</a>
29	3875	139	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800672</a>
30	4050	140	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800146</a>
30	4050	140	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800689</a>
31	4150	139	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800153</a>
31	4150	139	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800696</a>
33	4350	137	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800160</a>

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Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Energy efficiency class	Colour temperature [K]	Colour rendering index	Electrical protection class	Optics	DIMM DALI	Dimensions (H/W/T/S) [mm]	Index
33	4350	137	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800702</a>
34	4475	137	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800177</a>
34	4475	137	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800719</a>
35	4600	137	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800184</a>
35	4600	137	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800726</a>
36	4725	137	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800191</a>
36	4725	137	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800733</a>
37	4900	138	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800207</a>
37	4900	138	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800740</a>
39	5200	138	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800214</a>
39	5200	138	C	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800757</a>
44	5600	132	D	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800221</a>
44	5600	132	D	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800764</a>
47	5925	131	D	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800238</a>
47	5925	131	D	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800771</a>
50	6250	130	D	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800245</a>
50	6250	130	D	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800788</a>
52	6425	129	D	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800252</a>
52	6425	129	D	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800795</a>
54	6625	128	D	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800269</a>
54	6625	128	D	4000	> 80	II	MLS	yes	461/360/188	<a href="#">&gt;&gt; 800801</a>

## Skver LED S (Z1 MF) RM7

Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Energy efficiency class	Colour temperature [K]	Colour rendering index	Electrical protection class	Optics	DIMM DALI	Dimensions (H/W/T/S) [mm]	Index
8	1125	146	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802164</a>
8	1125	146	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802706</a>
10	1500	156	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802171</a>
10	1500	156	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802713</a>
12	1800	156	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802188</a>
12	1800	156	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802720</a>
14	2050	153	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802195</a>
14	2050	153	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802737</a>
15	2250	155	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802201</a>
15	2250	155	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802744</a>
16	2400	155	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802218</a>
16	2400	155	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802751</a>
18	2675	155	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802225</a>

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Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Energy efficiency class	Colour temperature [K]	Colour rendering index	Electrical protection class	Optics	DIMM DALI	Dimensions (H/W/T/S) [mm]	Index
18	2675	155	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802768</a>
21	3150	156	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802232</a>
21	3150	156	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802775</a>
23	3450	156	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802249</a>
23	3450	156	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802782</a>
24	3600	156	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802256</a>
24	3600	156	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802799</a>
25	3725	155	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802263</a>
25	3725	155	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802805</a>
26	3875	155	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802270</a>
26	3875	155	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802812</a>
28	4150	154	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802287</a>
28	4150	154	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802829</a>
29	4275	153	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802294</a>
29	4275	153	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802836</a>
30	4425	153	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802300</a>
30	4425	153	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802843</a>
31	4550	153	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802317</a>
31	4550	153	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802850</a>
33	4750	149	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802324</a>
33	4750	149	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802867</a>
34	4875	149	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802331</a>
34	4875	149	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802874</a>
35	5025	149	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802348</a>
35	5025	149	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802881</a>
36	5150	149	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802355</a>
36	5150	149	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802898</a>
37	5275	148	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802362</a>
37	5275	148	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802904</a>
39	5500	147	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802379</a>
39	5500	147	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802911</a>
44	5950	141	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802386</a>
44	5950	141	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802928</a>
47	6300	139	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802393</a>
47	6300	139	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802935</a>
50	6575	137	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802409</a>
50	6575	137	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802942</a>
52	6825	136	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802416</a>

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Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Energy efficiency class	Colour temperature [K]	Colour rendering index	Electrical protection class	Optics	DIMM DALI	Dimensions (H/W/T/S) [mm]	Index
52	6825	136	C	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802959</a>
54	7025	135	D	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802423</a>
54	7025	135	D	4000	> 70	II	RM7	yes	461/360/188	<a href="#">&gt;&gt; 802966</a>

Card creation date: 10 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: 03/2025