SKVER LED S (Z1 MF)

GENERAL CARD



TECHNICAL PARAMETERS

Ingress protection:	IP66
Impact resistance:	IK10
Rated power of the luminaire [W]*:	8.00 - 54.00
Luminous flux [lm]*:	975 - 7025
Colour temperature [K]:	4000
Color rendering index (Ra) >:	70; 80
Electrical protection class:	II
Optics:	MLS; RM7
Control:	Yes + 5-stage power reduction
Colour of the body:	black
Luminous efficacy [lm/W]:	127.00 - 156.00
Energy efficiency class:	C; D
Material of the body:	powder coated aluminium
Diffuser type:	transparent
Diffuser material:	tempered glass
Optics material:	PMMA + PC
Socket type:	ZHAGA

CHARACTERISTICS

Skver LED S (Z1 MF) modular, equipped with an adjustable bracket, 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, DarkSky
* 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.

SKVER LED S (Z1 MF)

GENERAL CARD

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]	Color rendering index (Ra) >	Optics	DIMM DALI	Socket type	Dimensions (H/W/T/S) [mm]	DIMM 1-10V	Index
8	975	127	D	4000	80	MLS	yes		461/360/188		>> 800009
8	975	127	D	4000	80	MLS	yes	ZHAGA	461/360/188		>> 800542
10	1325	137	C	4000	80	MLS	yes		461/360/188		>> 800016
10	1325	137	C	4000	80	MLS	yes	ZHAGA	461/360/188		>> 800559
12	1575	137	C	4000	80	MLS	yes		461/360/188		>> 800023
12	1575	137	C	4000	80	MLS	yes	ZHAGA	461/360/188		>> 800566
14	1850	138	C	4000	80	MLS	yes		461/360/188		>> 800030
14	1850	138	C	4000	80	MLS	yes	ZHAGA	461/360/188		>> 800573
15	1975	138	C	4000	80	MLS	yes		461/360/188		>> 800047
15	1975	138	C	4000	80	MLS	yes	ZHAGA	461/360/188		>> 800580
16	2125	139	C	4000	80	MLS	yes		461/360/188		>> 800054
16	2125	139	C	4000	80	MLS	yes	ZHAGA	461/360/188		>> 800597
18	2425	139	C	4000	80	MLS	yes		461/360/188		>> 800061
18	2425	139	C	4000	80	MLS	yes	ZHAGA	461/360/188		>> 800603
21	2800	139	C	4000	80	MLS	yes		461/360/188		>> 800078
21	2800	139	C	4000	80	MLS	yes	ZHAGA	461/360/188		>> 800610
23	3100	140	C	4000	80	MLS	yes		461/360/188		>> 800085
23	3100	140	C	4000	80	MLS	yes	ZHAGA	461/360/188		>> 800627
24	3225	140	C	4000	80	MLS	yes		461/360/188		>> 800092
24	3225	140	C	4000	80	MLS	yes	ZHAGA	461/360/188		>> 800634
25	3350	140	C	4000	80	MLS	yes		461/360/188		>> 800108
25	3350	140	C	4000	80	MLS	yes	ZHAGA	461/360/188		>> 800641
26	3500	139	C	4000	80	MLS	yes		461/360/188		>> 800115
26	3500	139	C	4000	80	MLS	yes	ZHAGA	461/360/188		>> 800658
28	3750	139	C	4000	80	MLS	yes		461/360/188		>> 800122
28	3750	139	C	4000	80	MLS	yes	ZHAGA	461/360/188		>> 800665
29	3875	139	C	4000	80	MLS	yes		461/360/188		>> 800139
29	3875	139	C	4000	80	MLS	yes	ZHAGA	461/360/188		>> 800672
30	4050	140	C	4000	80	MLS	yes		461/360/188		>> 800146
30	4050	140	C	4000	80	MLS	yes	ZHAGA	461/360/188		>> 800689
31	4150	139	C	4000	80	MLS	yes		461/360/188		>> 800153
31	4150	139	C	4000	80	MLS	yes	ZHAGA	461/360/188		>> 800696
33	4350	137	C	4000	80	MLS	yes		461/360/188		>> 800160

SKVER LED S (Z1 MF)

GENERAL CARD

Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Energy efficiency class	Colour temperature [K]	Color rendering index (Ra) >	Optics	DIMM DALI	Socket type	Dimensions (H/W/T/S) [mm]	DIMM 1-10V	Index
33	4350	137	C	4000	80	MLS	yes	ZHAGA	461/360/188		>> 800702
34	4475	137	C	4000	80	MLS	yes		461/360/188		>> 800177
34	4475	137	C	4000	80	MLS	yes	ZHAGA	461/360/188		>> 800719
35	4600	137	C	4000	80	MLS	yes		461/360/188		>> 800184
35	4600	137	C	4000	80	MLS	yes	ZHAGA	461/360/188		>> 800726
36	4725	137	C	4000	80	MLS	yes		461/360/188		>> 800191
36	4725	137	C	4000	80	MLS	yes	ZHAGA	461/360/188		>> 800733
37	4900	138	C	4000	80	MLS	yes		461/360/188		>> 800207
37	4900	138	C	4000	80	MLS	yes	ZHAGA	461/360/188		>> 800740
39	5200	138	C	4000	80	MLS	yes		461/360/188		>> 800214
39	5200	138	C	4000	80	MLS	yes	ZHAGA	461/360/188		>> 800757
44	5600	132	D	4000	80	MLS	yes		461/360/188		>> 800221
44	5600	132	D	4000	80	MLS	yes	ZHAGA	461/360/188		>> 800764
47	5925	131	D	4000	80	MLS	yes		461/360/188		>> 800238
47	5925	131	D	4000	80	MLS	yes	ZHAGA	461/360/188		>> 800771
50	6250	130	D	4000	80	MLS	yes		461/360/188		>> 800245
50	6250	130	D	4000	80	MLS	yes	ZHAGA	461/360/188		>> 800788
52	6425	129	D	4000	80	MLS	yes		461/360/188		>> 800252
52	6425	129	D	4000	80	MLS	yes	ZHAGA	461/360/188		>> 800795
54	6625	128	D	4000	80	MLS	yes		461/360/188		>> 800269
54	6625	128	D	4000	80	MLS	yes	ZHAGA	461/360/188		>> 800801

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]	Color rendering index (Ra) >	Optics	DIMM DALI	Socket type	Dimensions (H/W/T/S) [mm]	DIMM 1-10V	Index
8	1125	146	C	4000	70	RM7	yes		461/360/188		>> 802164
8	1125	146	C	4000	70	RM7	yes	ZHAGA	461/360/188		>> 802706
10	1500	156	C	4000	70	RM7	yes		461/360/188		>> 802171
10	1500	156	C	4000	70	RM7	yes	ZHAGA	461/360/188		>> 802713
12	1800	156	C	4000	70	RM7	yes		461/360/188		>> 802188
12	1800	156	C	4000	70	RM7	yes	ZHAGA	461/360/188		>> 802720
14	2050	153	C	4000	70	RM7	yes		461/360/188		>> 802195
14	2050	153	C	4000	70	RM7	yes	ZHAGA	461/360/188		>> 802737
15	2250	155	C	4000	70	RM7	yes		461/360/188		>> 802201
15	2250	155	C	4000	70	RM7	yes	ZHAGA	461/360/188		>> 802744
16	2400	155	C	4000	70	RM7	yes		461/360/188		>> 802218
16	2400	155	C	4000	70	RM7	yes	ZHAGA	461/360/188		>> 802751
18	2675	155	C	4000	70	RM7	yes		461/360/188		>> 802225

SKVER LED S (Z1 MF)

GENERAL CARD

Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Energy efficiency class	Colour temperature [K]	Color rendering index (Ra) >	Optics	DIMM DALI	Socket type	Dimensions (H/W/T/S) [mm]	DIMM 1-10V	Index
18	2675	155	C	4000	70	RM7	yes	ZHAGA	461/360/188		>> 802768
21	3150	156	C	4000	70	RM7	yes		461/360/188		>> 802232
21	3150	156	C	4000	70	RM7	yes	ZHAGA	461/360/188		>> 802775
23	3450	156	C	4000	70	RM7	yes		461/360/188		>> 802249
23	3450	156	C	4000	70	RM7	yes	ZHAGA	461/360/188		>> 802782
24	3600	156	C	4000	70	RM7	yes		461/360/188		>> 802256
24	3600	156	C	4000	70	RM7	yes	ZHAGA	461/360/188		>> 802799
25	3725	155	C	4000	70	RM7	yes		461/360/188		>> 802263
25	3725	155	C	4000	70	RM7	yes	ZHAGA	461/360/188		>> 802805
26	3875	155	C	4000	70	RM7	yes		461/360/188		>> 802270
26	3875	155	C	4000	70	RM7	yes	ZHAGA	461/360/188		>> 802812
28	4150	154	C	4000	70	RM7	yes		461/360/188		>> 802287
28	4150	154	C	4000	70	RM7	yes	ZHAGA	461/360/188		>> 802829
29	4275	153	C	4000	70	RM7	yes		461/360/188		>> 802294
29	4275	153	C	4000	70	RM7	yes	ZHAGA	461/360/188		>> 802836
30	4425	153	C	4000	70	RM7	yes		461/360/188		>> 802300
30	4425	153	C	4000	70	RM7	yes	ZHAGA	461/360/188		>> 802843
31	4550	153	C	4000	70	RM7	yes		461/360/188		>> 802317
31	4550	153	C	4000	70	RM7	yes	ZHAGA	461/360/188		>> 802850
33	4750	149	C	4000	70	RM7	yes		461/360/188		>> 802324
33	4750	149	C	4000	70	RM7	yes	ZHAGA	461/360/188		>> 802867
34	4875	149	C	4000	70	RM7	yes		461/360/188		>> 802331
34	4875	149	C	4000	70	RM7	yes	ZHAGA	461/360/188		>> 802874
35	5025	149	C	4000	70	RM7	yes		461/360/188		>> 802348
35	5025	149	C	4000	70	RM7	yes	ZHAGA	461/360/188		>> 802881
36	5150	149	C	4000	70	RM7	yes		461/360/188		>> 802355
36	5150	149	C	4000	70	RM7	yes	ZHAGA	461/360/188		>> 802898
37	5275	148	C	4000	70	RM7	yes		461/360/188		>> 802362
37	5275	148	C	4000	70	RM7	yes	ZHAGA	461/360/188		>> 802904
39	5500	147	C	4000	70	RM7	yes		461/360/188		>> 802379
39	5500	147	C	4000	70	RM7	yes	ZHAGA	461/360/188		>> 802911
44	5950	141	C	4000	70	RM7	yes		461/360/188		>> 802386
44	5950	141	C	4000	70	RM7	yes	ZHAGA	461/360/188		>> 802928
47	6300	139	C	4000	70	RM7	yes		461/360/188		>> 802393
47	6300	139	C	4000	70	RM7	yes	ZHAGA	461/360/188		>> 802935
50	6575	137	C	4000	70	RM7	yes		461/360/188		>> 802409
50	6575	137	C	4000	70	RM7	yes	ZHAGA	461/360/188		>> 802942
52	6825	136	C	4000	70	RM7	yes		461/360/188		>> 802416

SKVER LED S (Z1 MF)

GENERAL CARD

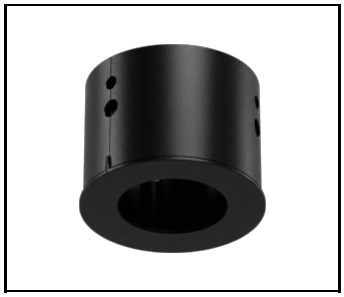
Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Energy efficiency class	Colour temperature [K]	Color rendering index (Ra) >	Optics	DIMM DALI	Socket type	Dimensions (H/W/T/S) [mm]	DIMM 1-10V	Index
52	6825	136	C	4000	70	RM7	yes	ZHAGA	461/360/188		>> 802959
54	7025	135	D	4000	70	RM7	yes		461/360/188		>> 802423
54	7025	135	D	4000	70	RM7	yes	ZHAGA	461/360/188		>> 802966

SKVER LED S (Z1 MF)

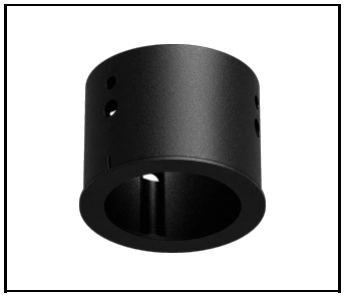
GENERAL CARD

ACCESSORIES AVAILABLE

index	Name
435461	SKVER cover fi 48mm
435478	SKVER cover fi 60mm
WSEL431	HAI HD05R RC Programming Remote Control for HD0406VRH IoT
	T-type boom RAL9005 structure 88.9x5 + 2x 60.3x2.9
511707	SKVER Backshield Z1 RAL9005



SKVER cover fi 48mm (435461)



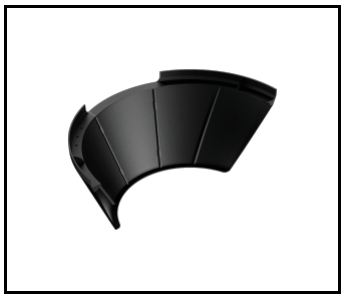
SKVER cover fi 60mm (435478)



HAI HD05R RC Programming Remote Control for HD0406VRH IoT (WSEL431)



T-type boom RAL9005 structure 88.9x5 + 2x 60.3x2.9 (150098)



SKVER Backshield Z1 RAL9005 (511707)