# SKVER S Z1 3100LM 840 MLS MF IP66 II CL. DALI B 0 (23W)

DETAILED CARD

## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 800085 |
| **Ingress protection:** | IP66 |
| **Impact resistance:** | IK10 |
| **Rated power of the luminaire [W]*:** | 23 |
| **Luminous flux [lm]*:** | 3100 |
| **Colour temperature [K]:** | 4000 |
| **Color rendering index (Ra) >:** | 80 |
| **Electrical protection class:** | II |
| **Optics:** | MLS |
| **Control:** | Yes + 5-stage power reduction |

## 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.

## 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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## TECHNICAL PARAMETERS TABLE

| | |
|---|---|
| **Index:** | 800085 |
| **EAN:** | 5905963800085 |
| **Category type:** | Park and city lighting |
| **Version:** | S |
| **Light source:** | LED module |
| **Rated power of the luminaire [W]:** | 23 |
| **Supply voltage [V]:** | 220-240 |
| **Frequency [Hz]:** | 47-63 |
| **Luminous flux [lm]:** | 3100 |
| **Luminous efficacy [lm/W]:** | 140 |
| **Energy efficiency class:** | C |
| **Electrical protection class:** | II |
| **Colour temperature [K]:** | 4000 |
| **Color rendering index (Ra) >:** | 80 |
| **Power factor:** | 0.96 |
| **Surge protection [kV]:** | 10 |
| **Diffuser material:** | tempered glass |
| **Diffuser type:** | transparent |
| **Optics material:** | PMMA + PC |
| **Optics:** | MLS |
| **Exchangeable source:** | yes |
| **Material of the body:** | powder coated aluminium |

| | |
|---|---|
| **Colour of the body:** | black |
| **Dimensions (H/W/T/S) [mm]:** | 461/360/188 |
| **Mounting dimensions [mm]:** | ø60 |
| **Impact resistance:** | IK10 |
| **Ingress protection:** | IP66 |
| **Mounting version:** | Top, on pole / Side, on boom |
| **Working temperature [°C]:** | from -40 to +50 |
| **DIMM DALI:** | yes |
| **Control:** | Yes + 5-stage power reduction |
| **Protection type:** | NTC |
| **Net weight [kg]:** | 6.100 |
| **Wire type:** | HO7 RNF-2x1 |
| **LED lifespan L95B10 [h]:** | 100000 |
| **Photobiological safety:** | RG0 - exempt (no photobiological hazard) |
| **Technical Warranty:** | 5 with the possibility of extension to 10 |
| **ENEC Certificate:** | 0351/ENEC/24/M1; 0121/ENEC+/24/M2 |
| **CE certificate:** | 03/2025 |
| **Zhaga-D4i:** | ZG430121062024 |
| **Environmental Product Declaration (EPD):** | 683/2024 |
| **Manual:** | Download PDF |
| **Category of application:** | parkings and bicycle paths |
| **ISO Certificates:** | 9001:2015, 14001:2015, 45001:2018, 50001:2018 |

# SKVER S Z1 3100LM 840 MLS MF IP66 II CL. DALI B 0 (23W)

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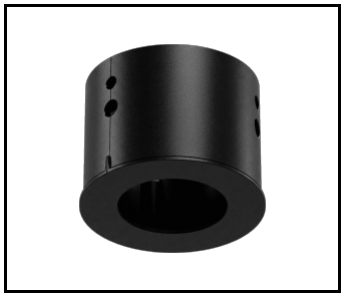
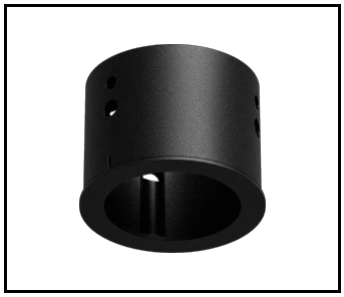
## ACCESSORIES AVAILABLE

| index | Name |
|---|---|
| 435461 | SKVER cover fi 48mm |
| 435478 | SKVER cover fi 60mm |
| 150098 | T-type boom RAL9005 structure 88.9x5 + 2x 60.3x2.9 |
| WSEL431 | HAI HD05R RC Programming Remote Control for HD0406VRH IoT |



SKVER cover fi 48mm (435461)



SKVER cover fi 60mm (435478)

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

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

Card creation date: 28 September 2026

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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 03/2025

LENA LIGHTING

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