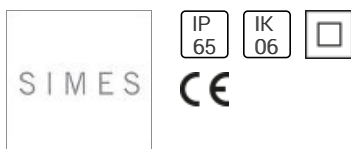


# Product data sheet

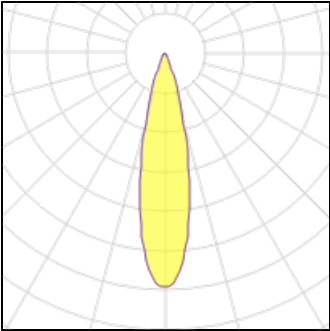
KEEN  
S.1511N  
SIMES



Version is available on request. SPOTLIGHTS KEEN S.1511N 5 module LED 4000K 220-240Vac DIMMABLE DALI2; PUSH Rated module luminous flux:: 1987lm Rated luminaire luminous flux: : 1320lm Rated module power: : 14W Rated luminaire power: : 16.5W Luminaire efficacy: : 80lm/W Voltage (AC): : 220-240Vac Frequency (AC): : 50/60Hz Voltage (DC): : 254-375V (No PUSH DIM) Dimmable: : DALI2; PUSH PUSH Synchronization: - Max 4 Luminaires, distance <15m; - Max 35 Luminaires, distance <300m with S.2490 accessory. Electrical insulation class: : II Protection class IP: : IP65 Mechanical resistance: : IK06 CE ENEC SPECIAL VERSION ON REQUEST: this Luminaires can be supplied with a surcharge in class III (without power supply). Requires working remote power supply in constant current at 900mA Vfmin=13Vdc Vfmax=15.5Vdc. Example SIMES compatible power supplies (check the complete list of the drivers on the catalogue): Art. S.2418 POWER SUPPLY DALI2 / PUSH MULTI-POWER 230V/700mA-1050mA IP20 Art. S.2444 POWER SUPPLY MULTI-POWER 230V/700mA-1050mA DALI2, PUSH DIM IN BOX IP67 35W NB: Use 1 Power Supply for each Luminaires LUMINAIRE TYPE Projector. IP rating IP 65 MATERIAL CHARACTERISTICS Die-cast EN AB-47100 aluminium housing with high corrosion resistance. Stone wash surface treatment prior to painting process. A4 grade Stainless Steel screws with 2,5-3% molybdenum content which increases the resistance against corrosion. Silicone gaskets. Painting Process : 3 Step Process 1) Surface treatment with BONDERITE. A heavy metal free chemical surface treatment containing ceramic nano particles giving a cohesive, inorganic and highly dense protective coating. 2) PRE POLYMERIZATION a process of introducing an epoxy primer with excellent characteristics to the paint which also offers very high resistance to oxidation due to its Zinc content. 3) POLYMERIZATION a process with the application of polyester powder with high resistance against UV rays and harsh weather conditions. Resistance test protection for Marine applications for 1200h. Mechanical resistance IK 06 LIGHTING PERFORMANCE The special joint guarantees total freedom in directing the light beam: the luminaire is able to rotate on three different axes. Clear toughened glass. LOR -- INSTALLATION AND MAINTENANCE The tempered front glass diffuser is fixed externally to the fitting through silicon resin, perfectly flush with the front ring. Water and dirt deposits that can disturb the lighting performance of the projector can easily flow away. The special double joint guarantees total freedom in directing the light beam: the luminaire is able to rotate on three different axes. The pre-wired connecting wall plaque and its fast connector make the installation and maintenance process quick, easy and safe. Versions for pole installation: Thanks to the special anchor base the luminaire can be fixed to new or existing poles of diameter of no less than 60 mm. Megakeen projector in standard version can be directly fixed to poles of diameter min Ø 60 mm and max Ø 300 mm without requiring any flange or bracket. Installation is carried out by making two holes (Ø 12 mm) in the pole: one for the fixing screw and one for the supply cable. WIRING MICROKEEN supplied with a 1,5m pre-wired H05RN-F (1,0 MINIKEEN , 0,3m KEEN/MEGAKEEN) cable and fast connector. KEEN e MINIKEEN pole mounted supplied with 6m pre-wired H05RN-F cable. Isolation: CLASS II . Available colours: White (cod.01), Aluminium grey (cod.14). Weight: 1.6 Kg Glow Wire test: -- LED module included KEEN PATENTED , REGISTERED DESIGN This luminaire contains built-in LED modules. In case of damage or malfunction please contact the manufacturer to receive additional instructions on how to replace and relative spare parts to order. The LED modules cannot be handled in the luminaire by the end user. This product contains a light source of energy efficiency class: E. LED modules are engineered accordingly to the existing regulations of Lumen Maintenance (LM80) and Technical Memorandum (TM21), where uniformity and quality of the light is 70,000 hours referred to L80 B10 Ta 25 ° C (50,000 hours referable to L80 B10 Ta 40°C). Lifespan of the luminaire min. 50,000 hours at 40°C. Performance Ambient temperature Tq 25°C. Operating ambient temperature range is from -20°C to +50°C. Storage temperature range from -20°C to +60°C. ELECTRONIC EQUIPMENT SENSITIVE TO OVERVOLTAGE. We recommend installing surge protection devices ?SPD? in the electrical system. Protection devices prevent the intensity of these phenomena?s, protecting the appliances from the risk of being damaged and extending the lifespan. Outdoor luminaires are subject to all types of permanent, temporary, or transient electrical disturbances. Such disturbances can create permanent damage or failure affecting its performance and durability. The surge protection device (supplied by SIMES) is utilized to limit the destructive effect of these phenomena. We suggest that each luminaire must be connected to one protection device at not more than 10m away. For correct coordination of the protections, a surge protection device must also be provided inside the electrical panel of the system (the selection of this device must be carried out from the electrical designer and is not supplied by

SIMES).

Light output 1 (integrated)



|                    |         |             |        |
|--------------------|---------|-------------|--------|
| Lamp type          | LED     | CCT         | 3800 K |
| Nominal lamp power | 16.5 W  | CRI         | 86     |
| Total flux         | 1320 lm | LOR         | 100%   |
| Luminous efficacy  | 80 lm/W | Total power | 16.5 W |

Mounting mode

Standing / Bollard, Ceiling mounted, Floor mounted, Wall mounted

Shape and measurements

Height: 5.57 in  
Diameter: 1.83 in

Adjustability

Rotatable

Design

Material impression: Aluminum, Glass  
Color of housing: White, Silver gray  
Designer: Klauss Begasse

Electric

System power: 16.5 W  
Controller: DALI  
Appliance Class: II

Protection

IP: 65  
IK: 06  
Designation labels: CE