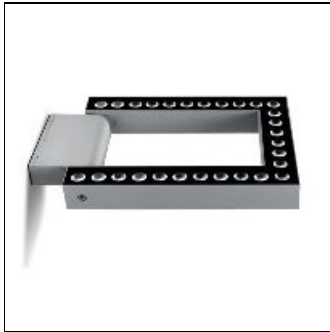


Product data sheet

OUTLINE SPOT

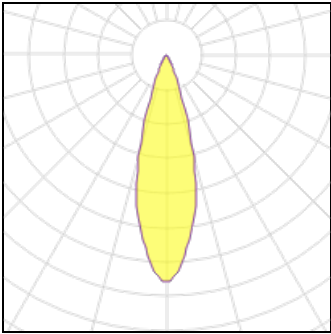
S.3101N

SIMES



Version is available on request. SPOTLIGHTS OUTLINE SPOT S.3101N 28 module LED 4000K 220-240Vac ON-OFF Rated module luminous flux:: 8372lm Rated luminaire luminous flux: : 4732lm Rated module power: : 54.9W Rated luminaire power: : 61W Luminaire efficacy: : 78lm/W Voltage (AC): : 220-240Vac Frequency (AC): : 50/60Hz Voltage (DC): : 176-264Vdc Dimmable: : NOT DIMMABLE (ON-OFF) Electrical insulation class: : I Protection class IP: : IP65 Mechanical resistance: : IK08 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 700mA $V_{min}=V_{dc}$ $V_{max}=V_{dc}$. LUMINAIRE TYPE Projector. IP rating IP 65 MATERIAL CHARACTERISTICS Die-cast EN AB-47100 aluminium housing with high corrosion resistance. Extruded EN AW-6060 aluminium structure (arm version) 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 08 LIGHTING PERFORMANCE HI-GRADE aluminium reflectors for OUTLINE FLOOD, Concentrating or diffusing lenses for OUTLINE SPOT. 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 pre-wired connecting wall plaque and its fast connector make the installation and maintenance process quick, easy and safe. WIRING Luminaire suitable for single cable gland. Isolation: CLASS I . Available colours: Anthracite grey (cod.24), Aluminium grey (cod.14). Weight: 4.51 Kg Glow Wire test: -- LED module included OUTLINE 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		CCT	3000 K
Nominal lamp power	61 W	CRI	90
Total flux	4732 lm	LOR	100%
Luminous efficacy	78 lm/W	Total power	61 W

Mounting mode

Wall mounted, Ceiling mounted, Floor mounted

Shape and measurements

Length: 6.44 in
Width: 3.84 in
Height: 1.42 in

Adjustability

Tiltable

Design

Color of housing: White

Electric

System power: 61 W
Appliance Class: I

Protection

IP: 65
IK: 08
Designation labels: CE, ENEC