

# Product data sheet

CATCH SURFACE 20LED

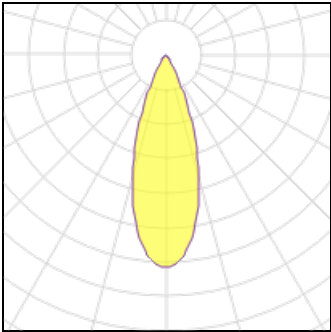
S.7560N

SIMES



Version is available on request. CEILING SURFACE MOUNTED CATCH SURFACE MOUNTED RECTANGULAR 20LED S.7560N 20 module LED 4000K 220-240Vac ON-OFF Rated module luminous flux: 4760lm Rated luminaire luminous flux: : 2349lm Rated module power: : 29.9W Rated luminaire power: : 32W Luminaire efficacy: : 73lm/W Voltage (AC): : 220-240Vac Frequency (AC): : 50/60Hz Voltage (DC): : 176-264Vdc Dimmable: : NOT DIMMABLE (ON-OFF) Electrical insulation class: : II Protection class IP: : IP65 Mechanical resistance: : IK08 CE 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 1000mA  $V_{min}=V_{dc}$   $V_{max}=V_{dc}$ . Example SIMES compatible power supplies (check the complete list of the drivers on the catalogue): 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 Ceiling surface down-light fitting. IP rating IP 65 MATERIAL CHARACTERISTICS Aluminium die cast housing in EN AB-47100 (low copper content) with high resistance against corrosion. 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. Pre treated 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 Comfortable Optics: the sophisticated optics focuses the beam and makes the light comfortable by reducing the direct glare of the light source. Toughened transparent glass 5mm thick. Lamp adjustable  $\pm 15^\circ$  position. LOR -- INSTALLATION AND MAINTENANCE Catch surface mounted is only 8 cm in depth with an integral driver with an easy installation process. WIRING Electronic circuit 220V/230V 50/60Hz in power supply box. Luminaire hard wired with 5.0m H05RN-F cable. Isolation: CLASS II . Available colours: Aluminium grey (cod.14), White (cod.01). Weight: 3.52 Kg Glow Wire test: -- LED module included 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	32 W	CRI	90
Total flux	2349 lm	LOR	100%
Luminous efficacy	73 lm/W	Total power	32 W

Mounting mode

Ceiling mounted

Shape and measurements

Length: 13.39 in

Width: 5.16 in

Height: 2.51 in

Adjustability

Tiltable

Design

Material impression: Aluminum, Glass

Designer: SIMES S.P.A.

Electric

System power: 32 W

Appliance Class: II

Protection

IP: 65

IK: 08

Designation labels: CE