

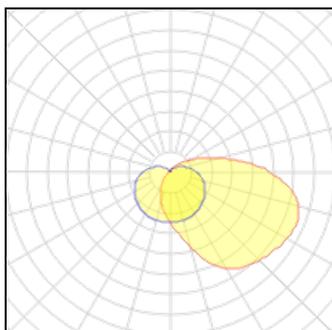
# Product data sheet

PLAFONIERA BUL  
S.6550N  
SIMES



Version is available on request. Available subject to stock levels WALL MOUNTED BUL 24 S.6550N module LED 4000K 230-240Vac DIMMABLE PHASE-CUT Rated module luminous flux: 1150lm Rated luminaire luminous flux: 414lm Rated luminaire power: 13.5W Luminaire efficacy: 31lm/W Voltage (AC): 230-240Vac Frequency (AC): 50/60Hz Dimmable: PHASE-CUT Electrical insulation class: I Protection class IP: IP54 CE LUMINAIRE TYPE Wall mounted luminaire. IP rating IP 54 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. EPDM 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 -- LIGHTING PERFORMANCE Sand blasted glass diffuser. Lamp fixed position. LOR -- WIRING 220V-230V AC 50/60Hz Phase-cut dimmable. Supply double cable entry. Isolation: CLASS I . Available colours: White (cod.01), Black (cod.09), Aluminium grey (cod.14). Weight: 2.19 Kg Glow Wire test: 960°C LED module included 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. 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	13.5 W	CRI	90
Total flux	414 lm	LOR	100%
Luminous efficacy	31 lm/W	ULOR	20%
		Total power	13.5 W

**Mounting mode**

Wall mounted, Ceiling mounted

**Shape and measurements**

Height: 9.45 in

Diameter: 9.45 in

**Adjustability**

Fixed

**Design**

Color of housing: White

**Electric**

System power: 13.5 W

Appliance Class: I

**Protection**

IP: 54

Designation labels: CE