

# Product data sheet

IP SYSTEM® - HIGHLIGHTER SUSPENSION 2M

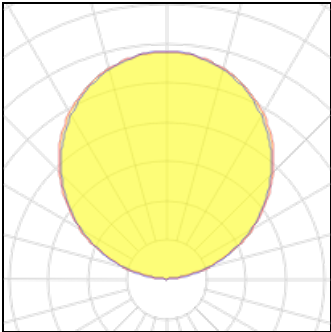
S.9082W

SIMES



LINEAR SYSTEMS HIGHLIGHTER SUSPENSION MONOEMISSION S.9082W module LED 3000K 24Vdc DIMMABLE PWM Rated module luminous flux:: 1700lm Rated luminaire luminous flux: : 1547lm Rated module power: : 28.5W Rated luminaire power: : 28.5W Luminaire efficacy: : 54lm/W Voltage (DC): See the SIMES power supply accessories list on the following pages: 24Vdc Dimmable: : PWM Electrical insulation class: : III Protection class IP: : IP54 Mechanical resistance: : IK08 CE LUMINAIRE TYPE Ceiling mounted luminaire. IP rating IP 54Please Note: The lighting rod Highlighter without plug-in products installed guarantees an IP65 protection rating. The lighting rod Highlighter with plug-in fixtures installed and never removed guarantees an IP65 protection rating. The lighting rod Highlighter, after removal and/or repositioning of plug-in fixtures, guarantees an IP54 protection rating. MATERIAL CHARACTERISTICS Fixing base in extruded anodized EN AW-6060 aluminium housing (copper free) with high corrosion resistance. AISI 301 Stainless-steel end caps for the extruded parts. 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 Continuous light source made of opal silicone. Lamp fixed position. INSTALLATION AND MANTEINANCE The mechanical and electrical connection of all plug-in products to the rod is via a double installation system: - the two metal clips hook the anodised aluminium extrusion externally and permanently ensure the product plug-in to the light rod; - the 4 pins, necessary for the 24Vdc electrical connection, pierce the silicone strip housed in the extrusion and intercept a dedicated line that has an independent power line from the rod itself. The painted aluminium veils complete the system by hiding the fastening clips external to the extrusion. The end caps create an aesthetic and functional closure as they become an additional safety element for the joining of the components. The HIGHLIGHTER Rod can be shortened every 5cm on request with a surcharge (this process must be carried out exclusively by Simes). WIRING The overall consumption of the plug-in fixtures on each HIGHLIGHTER Rod (regardless of its length 1, 2, 3 or 4m) must not exceed 60W. Luminaire hard wired with 5m single silicone 4-poles cable for two independent electrical circuits: one for the supply of the luminous profile and the other specifically dedicated to the supply of the plug-in fixtures. Isolation: CLASS III . Available colours: White (cod.01), Black (cod.09). Weight: 6.8945 Kg Glow Wire test: -- LED module included HIGHLIGHTER 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. 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. 70.000 hours Ta 25°C, 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.

Light output 1 (integrated)



Lamp type	LED	CCT	3000 K
Nominal lamp power	28.5 W	CRI	90
Total flux	1628 lm	LOR	100%
Luminous efficacy	57 lm/W	ULOR	100%
		Total power	28.5 W

Mounting mode

Pendant

Shape and measurements

Length: 79.72 in

Width: 1.34 in

Height: 41.55 in

Adjustability

Fixed

Design

Material impression: Aluminum, Plastic

Designer: SIMES S.P.A.

Electric

System power: 28.5 W

Appliance Class: III

Protection

IP: 54

IK: 08

Designation labels: CE