Product data sheet

IP SYSTEM® - FLOWER ZOOM 60 COMFORT INDIVIDUAL CONTROL PLUG-IN
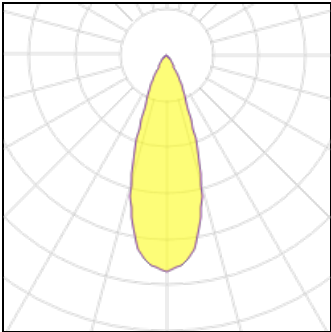S.9026W @35°

SIMES

SIMES

| IP 66 | IK 07 | ⬦ III |

CE

NEW Product is expected to be available from June 2023 LINEAR SYSTEMS FLOWER ZOOM 60 COMFORT INDIVIDUAL CONTROL PLUG-IN S.9026W 1 module LED 3000K 24Vdc Rated module luminous flux:: 852lm Rated luminaire luminous flux: : 382lm Rated module power: : 8.6W Rated luminaire power: : 10.4W Luminaire efficacy: : 37lm/W Voltage (DC): See the SIMES power supply accessories list on the following pages: 24Vdc Electrical insulation class: : III Protection class IP: : IP65 Mechanical resistance: : IK07 CE LUMINAIRE TYPE Plug-in Projector luminaire to be exclusively installed on light rod HIGHLIGHTER. IP rating IP 65 MATERIAL CHARACTERISTICS Aluminium die cast housing in EN AB-44100 (low copper content) with high resistance against corrosion. Stone wash surface treatment prior to painting process. 2 mm thick front trim in Stainless Steel - Grade AISI 316L with 2,5 -3% molybdenum content, with high resistance against corrosion. 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. The 4 mm thick tempered glass diffuser is fixed to the external body by a silicon resin and positioned flush with the support ring. Mechanical resistance IK 07 LIGHTING PERFORMANCE Clear toughened glass 4 mm thick. INSTALLATION AND MAINTENANCE 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 24V 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. WIRING Constant voltage 24V DC (with frequency PWM <600Hz) from the electrical connection to the HIGHLIGHTER lighting profile. Plug-in fixtures protected against the reverse polarity. Isolation: CLASS III . Available colours: White (cod.01), Black (cod.09). Weight: 0.42 Kg Glow Wire test: -- LED module included FLOWER 35 PLUG-IN/ FLOWER 60 ZOOM PLUG-IN 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: F. 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.

Light output 1 (integrated)

Lamp type	LED	CCT	3000 K
Nominal lamp power	10.4 W	CRI	90
Total flux	348 lm	LOR	100%
Luminous efficacy	33 lm/W	ULOR	100%
		Total power	10.4 W

Mounting mode

Wall mounted, Ceiling mounted, Floor mounted

Shape and measurements

Length: 1.93 in
Width: 1.93 in
Height: 2.64 in

Adjustability

Tiltable

Design

Material impression: Aluminum, Glass
Designer: SIMES S.P.A.

Electric

System power: 10.4 W

Appliance Class: III

Protection

IP: 66

IK: 07

Designation labels: CE