

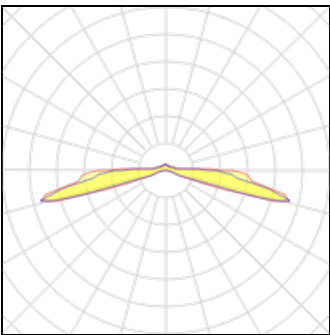
Product data sheet

MICROSUIT 4 FINESTRE
S.5685H
SIMES



Version available on request without price surcharge. ONGROUND DRIVEOVER MICROSUIT S.5685H 1 module LED 2700K Max. 700mA Rated module luminous flux:: 310lm Rated luminaire luminous flux: : 42lm Rated module power: : 2W Rated luminaire power: : 2.2W Luminaire efficacy: : 19lm/W Current : See the SIMES power supply accessories list on the following pages NB: Use 1 Power Supply for each Luminaires: Max. 700mA V_{fmin}=2.6Vdc V_{fmax}=3.1Vdc Electrical insulation class: : III Protection class IP: : IP65 IP67 Mechanical resistance: : IK10 CE LUMINAIRE TYPE Inground drive over fitting. IP rating IP 65 IP67 MATERIAL CHARACTERISTICS "Copper Free" Aluminium die cast housing in EN AB-44100 with high resistance against corrosion. Stone wash surface treatment prior to painting process. Aluminium protective guard of 8 mm thickness. 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 10 Maximum load capacity 4000 Kg LIGHTING PERFORMANCE Polycarbonate diffuser. Lamp fixed position. LOR -- LOW SURFACE TEMPERATURE Surface temperature of glass 37°C (Ta 25°C) INSTALLATION AND MAINTENANCE FOR APPLICATIONS EXCLUDING DRIVEWAYS AREAS : SUIT is installed without any anchor flange. FOR APPLICATIONS IN DRIVEWAYS AREAS: SUIT is installed with the drive over anchor flange (Art. S.5690/S.5699). Driveover 4000 Kg at 10 Km/h through the use of the anchor flange to the ground. WIRING Supply 5m cable section type H07RN-F sealed with B component epoxy resin, wired internally protected by silicon sheaths. Isolation: CLASS III . Available colours: Aluminium grey (cod.14), Black (cod.09). Weight: 1.0776 Kg Glow Wire test: -- LED module included MINISUIT/SUIT 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 (EPREL - European Product Registry for Energy Labelling): 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. 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	2700 K
Nominal lamp power	2.2 W	CRI	90
Total flux	42 lm	LOR	100%
Luminous efficacy	19 lm/W	ULOR	100%
		Total power	2.2 W

Mounting mode

Standing / Bollard, Floor mounted

Shape and measurements

Length: 4.92 in

Width: 4.92 in

Height: 1.18 in

Adjustability

Fixed

Design

Material impression: Aluminum

Color of housing: Silver gray

Designer: SIMES S.P.A.

Electric

System power: 2.2 W

Appliance Class: III

Protection

IP: 67

IK: 10

Max. point load: 4000 kg

Designation labels: CE