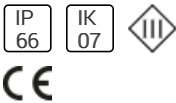


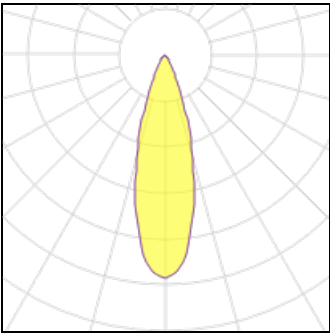
# Product data sheet

FLOWER 25  
S.1601W  
SIMES



SPOTLIGHTS FLOWER 25 S.1601W module LED 3000K 24Vdc DIMMABLE PWM Rated module luminous flux:: 260lm Rated luminaire luminous flux: : 117lm Rated module power: : 2.2W Rated luminaire power: : 2.3W Luminaire efficacy: : 51lm/W Voltage (DC): See the SIMES power supply accessories list on the following pages: 24Vdc Dimmable: : PWM Electrical insulation class: : III Protection class IP: : IP66 Mechanical resistance: : IK07 CE ENEC LUMINAIRE TYPE Projector. IP rating IP 66 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 Maximum load capacity -- LIGHTING PERFORMANCE Clear toughened glass 4 mm thick. LOR -- INSTALLATION AND MAINTENANCE The lighting fixture can be installed on wall/ceiling (flat surface) or on pole with diameter ø30/40/60mm (round surface)(NOT FOR ARM VERSIONS). WIRING Luminaire supplied with 5m of bipolar flat cable. Isolation: CLASS III . Available colours: Anthracite grey (cod.24), Burnished bronze (cod.20), Dark green (cod.07). Weight: 0.3177 Kg Glow Wire test: -- LED module included FLOWER 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	3000 K
Nominal lamp power	2.3 W	CRI	90
Total flux	117 lm	LOR	100%
Luminous efficacy	51 lm/W	ULOR	100%
		Total power	2.3 W

## Mounting mode

Wall mounted, Ceiling mounted, Floor mounted

### Shape and measurements

Height: 0.94 in

Diameter: 0.93 in

### Adjustability

Tilttable

### Design

Material impression: Aluminum, Glass

Designer: SIMES S.P.A.

### Electric

System power: 2.3 W

Appliance Class: III

### Protection

IP: 66

IK: 07

Designation labels: CE