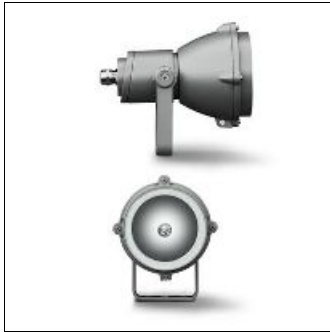


# Product data sheet

MICROFOCUS

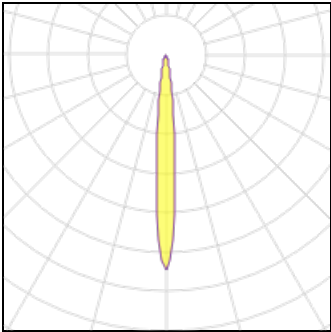
S.1110N

SIMES



Version is available on request. SPOTLIGHTS MICROFOCUS S.1110N 1 module COB 4000K 220-240Vac DIMMABLE DALI2; PUSH Rated module luminous flux:: 2542lm Rated luminaire luminous flux: : 1376lm Rated module power: : 15.9W Rated luminaire power: : 18W Luminaire efficacy: : 76lm/W Voltage (AC): : 220-240Vac Frequency (AC): : 50/60Hz Voltage (DC): : 198-276Vdc (No PUSH DIM) Dimmable: : DALI2; PUSH PUSH Synchronization: - Max 4 Luminaires, distance <15m; - Max 35 Luminaires, distance <300m with S.2490 accessory. Electrical insulation class: : I Protection class IP: : IP66 Mechanical resistance: : IK09 CE SPECIAL VERSION ON REQUEST: this Luminaires can be supplied with a surcharge in class III (without power supply). Requires working remote power supply in constant current at 460mA  $V_{min}=31.8Vdc$   $V_{max}=37.5Vdc$ . Example SIMES compatible power supplies (check the complete list of the drivers on the catalogue): Art. S.2438 POWER SUPPLY 230V/250mA-700mA 20W o 230Vac/24Vdc 16W 240Hz DALI DIMMABLE IN BOX IP67 Art. S.3426 POWER SUPPLY DALI MULTI-POWER 230V/250mA-700mA o 230V/24V 16W 240Hz IP20 NB: Use 1 Power Supply for each Luminaires LUMINAIRE TYPE Projector. IP rating IP 66 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. 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 5 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 09 Maximum load capacity -- LIGHTING PERFORMANCE The lathed anodized reflector is composed of 99,98% pure anodized aluminium with a bright polish finish (Version with COB).LOR -- INSTALLATION AND MAINTENANCE The projector is supplied with graduated ferrules in AISI 316L stainless steel on both sides of the fitting. The screws that fix the front glass holder to the main body of the projector are also in AISI 316L stainless steel with anti loss washers . The glass diffuser and front support ring are secured to the body of the projector by a pivoting hinge assembly that when opened allows for easy access to the lamp and the reflector. WIRING Supplied 0.5m cable section type H07RNF sealed with B component epoxy resin, wired internally protected by silicon sheaths, and IP68 connector. Isolation: CLASS I . Available colours: Aluminium grey (cod.14), Anthracite grey (cod.24). Weight: 2.05 Kg Glow Wire test: 960°C LED module included MICROFOCUS 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: 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. 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	LED	CCT	3126 K
Nominal lamp power	18.03 W	CRI	90
Total flux	1376 lm	LOR	100%
Luminous efficacy	76 lm/W	Total power	18.03 W

Mounting mode

Standing / Bollard, Ceiling mounted, Floor mounted, Wall mounted

Shape and measurements

Height: 0.93 in  
Diameter: 3.53 in

Adjustability

Tiltable

Design

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

Electric

System power: 18.03 W  
Controller: DALI  
Appliance Class: I

Protection

IP: 66  
IK: 10  
Resistant to impact of balls  
Designation labels: CE