

# Product data sheet

MINISHIFT ADDITIONAL HEAD 16°

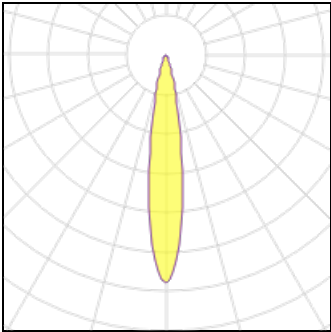
S.1465H

SIMES



Version available on request without price surcharge. URBAN LIGHTING ADDITIONAL HEAD S.1465H 1 module LED 2700K 220-240Vac DIMMABLE DALI2; PUSH Rated module luminous flux:: 1291lm Rated luminaire luminous flux: : 682lm Rated module power: : 12.7W Rated luminaire power: : 14.7W Luminaire efficacy: : 46lm/W Voltage (AC): : 220-240Vac Frequency (AC): : 50/60Hz Voltage (DC): : 176-275Vdc (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: : II Protection class IP: : IP66 Mechanical resistance: : IK10 CE LUMINAIRE TYPE Bollard fitting. IP rating IP 66 MATERIAL CHARACTERISTICS Aluminium die cast housing in EN AB-44300 (low copper content) and extruded EN AW-6060 with high resistance against corrosion. Stone wash surface treatment prior to painting process. Stainless steel Allen screws with insulating treatment against galvanic 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 LIGHTING PERFORMANCE Each spotlight is housed inside a head that can be controlled independently and freely rotated on its axis. Through fixing grains, it can be locked in the desired position. Spotlights integrated in the head can, in turn, be tilted up to a maximum of 90° horizontally and direct the beam downwards or be pushed forward to cover longer distances. The head can also be turned upside down. This additional degree of freedom allows to also direct the beam upwards so to light up, as example, a walkway and an adjacent wall with the same fitting. INSTALLATION AND MAINTENANCE The wiring of the fixtures must strictly respect the specifications. Shift Bollard: The bollard must be fixed to the flange accessory (S.2148) to be anchored in concrete or directly to the concrete base with three M16 anchor plugs (not supplied). Shift Pole: Aluminium pole Ø 102 H 2950mm included. Pole must be fixed to the anchoring base (S.1469) to be securely buried in concrete or to the square plate (S.1468). WIRING Supply 0.2m cable section type H05RNF . Single cable entry sealed with B component epoxy resin, wired internally protected by silicon sheaths.. Isolation: CLASS II . Available colours: Black (cod.09), Anthracite grey (cod.24). Weight: 15.0327 Kg Glow Wire test: 850°C LED module included 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): 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. 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. 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	2700 K
Nominal lamp power	14.7 W	CRI	90
Total flux	682 lm	LOR	100%
Luminous efficacy	46 lm/W	Total power	14.7 W

Mounting mode

Standing / Bollard, Ceiling mounted, Floor mounted

Shape and measurements

Height: 25.00 in

Diameter: 4.02 in

Adjustability

Tiltable

Design

Material impression: Aluminum, Glass

Designer: SIMES S.P.A.

Electric

System power: 14.7 W

Controller: DALI

Appliance Class: II

Protection

IP: 66

IK: 10

Designation labels: CE