

# Product data sheet

MINITECHNO SPOT

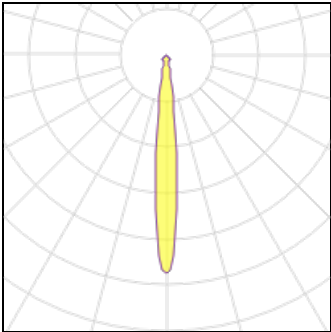
S.3564N

SIMES



Version is available on request. Available subject to stock levels SPOTLIGHTS MINITECHNO SPOT S.3564N 1 module COB 4000K 220-240Vac ON-OFF Rated module luminous flux: 2060lm Rated luminaire luminous flux: 1692lm Rated luminaire power: 21W Luminaire efficacy: 81lm/W Voltage (AC): 220-240Vac Frequency (AC): 50/60Hz Voltage (DC): 176-280Vdc Dimmable: NOT DIMMABLE (ON-OFF) Electrical insulation class: I Protection class IP: IP65 Mechanical resistance: IK06 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 500mA  $V_{min}=V_{dc}$   $V_{max}=V_{dc}$ . Example SIMES compatible power supplies (check the complete list of the drivers on the catalogue): Art. S.2437 POWER SUPPLY MULTI-POWER 230V/350mA-1050mA DALI DIMMABLE, 1-10V, PUSH DIM IN BOX IP55 60W Art. S.3423 POWER SUPPLY MULTI-POWER 230V/350mA-1050mA IP20 NB: Use 1 Power Supply for each Luminaires LUMINAIRE TYPE Projector. IP rating IP 65 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. 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. 4 mm thick tempered glass diffuser. Mechanical resistance IK 06 Maximum load capacity – LIGHTING PERFORMANCE The lathed anodized reflector is composed of 99,98% pure anodized aluminium with a bright polish finish (with HIT lamp version). LOR – INSTALLATION AND MAINTENANCE The projector is supplied with graduated ferrules on both sides of the fitting. Power supply connection takes place by means of a disconnecting switch. This facilitates installation on walls because you can attach the base and do the wiring, positioning the complete unit at the end of the installation. WIRING Single cable entry. Isolation: CLASS I . Available colours: Aluminium grey (cod.14), Anthracite grey (cod.24). Weight: 1.75 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. 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		CCT	3000 K
Nominal lamp power	21 W	CRI	90
Total flux	1692 lm	LOR	100%
Luminous efficacy	81 lm/W	Total power	21 W

Mounting mode

Wall mounted, Ceiling mounted, Floor mounted

Shape and measurements

Height: 4.56 in  
Diameter: 4.56 in

Adjustability

Rotatable, Tilttable

Design

Material impression: Aluminum, Glass  
Color of housing: Anthracite / graphite, Silver gray  
Designer: SIMES S.P.A.

Electric

System power: 21 W  
Appliance Class: I

Protection

IP: 65  
IK: 08  
Designation labels: CE