Product data sheet

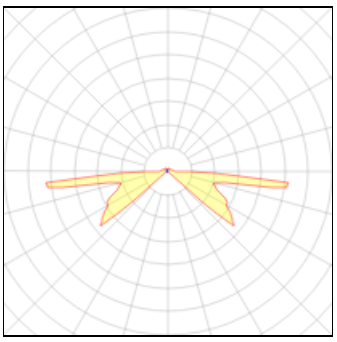
REEF BOLLARD 2X90°
S.5257H
SIMES



IP 65 IK 10

Version available on request without price surcharge. BOLLARD REEF BOLLARD S.5257H 1 module COB 2700K 220-240Vac DIMMABLE DALI2; PUSH Rated module luminous flux: 3953lm Rated luminaire luminous flux: 1159lm Rated module power: 27W Rated luminaire power: 32.3W Luminaire efficacy: 36lm/W Voltage (AC): 220-240Vac Frequency (AC): 50/60Hz Voltage (DC): 176-276Vdc (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: II Protection class IP: IP65 Mechanical resistance: IK10 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 costant current at 900mA Vfmin=31Vdc Vfmax=37Vdc. Example SIMES compatible power supplies (check the complete list of the drivers on the catalogue): Art. S.2410 POWER SUPPLY DALI2 230V/350-1050mA 57,8W IP67 Art. S.3427 POWER SUPPLY Dali, 1-10V, PUSH MULTI-POWER 230V/350mA-1050mA IP20 NB: Use 1 Power Supply for each Luminaires LUMINAIRE TYPE Bollard fitting. IP rating IP 65 MATERIAL CHARACTERISTICS Aluminium die cast housing in EN AB-47100 (low copper content) and extruded EN AW-6060 with high resistance against corrosion. Stone wash surface treatment prior to painting process. Steel screws treated with an advanced anticorrosive coating. Pre treated Silicone Gaskets. Extra-resistant Painting Process: Extra-resistant exterior coating. Product suitable for applications in high-humidity environments, C5 ZONE (according to UNI EN ISO 9223:2012). Mechanical resistance IK 10 LIGHTING PERFORMANCE 99.98% pure anodized aluminium Reflector. Polycarbonate lens transparent with controlled downward light emission for avoiding any glare, UV-stabilised and vandalproof . Lamp fixed position . INSTALLATION AND MAINTENANCE The wiring of the fixtures must strictly respect the specifications. WIRING Double cable entries with M20 (Ø 5÷10 mm) cable glands. Isolation: CLASS II . Available colours: Aluminium grey (cod.14), Anthracite grey (cod.24), Burnished bronze (cod.20). Weight: 12.3931 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): 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. 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). WARRANTY All items produced from 01/01/2026 onwards are covered by a 5 (five)-year warranty against manufacturing and conformity defects, in accordance with the terms and limits set out in the manufacturer's official documentation. For full details, exclusions and warranty activation procedures, please refer to the following link: www.simes.it/warranty

Light output 1 (integrated)



Lamp type	LED	CCT	2700 K
Nominal lamp power	32.3 W	CRI	90
Total flux	1159 lm	LOR	100%
Luminous efficacy	36 lm/W	ULOR	100%
		Total power	32.3 W

Mounting mode

Standing / Bollard

Shape and measurements

Height: 26.30 in

Diameter: 9.84 in

Adjustability

Fixed

Design

Material impression: Aluminum

Color of housing: Silver gray

Designer: SIMES S.P.A.

Electric

System power: 32.3 W

Controller: DALI

Appliance Class: II

Protection

IP: 65

IK: 10

Designation labels: CE