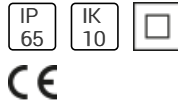


Product data sheet

MICROREEF BOLLARD 2X90°

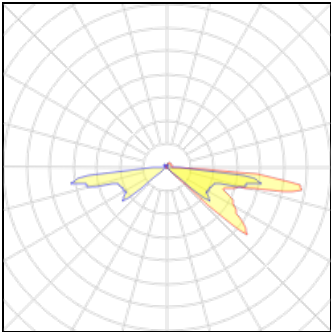
S.5337N

SIMES



Version available on request without price surcharge. BOLLARD MICROREEF BOLLARD S.5337N 4 module LED 4000K 220-240Vac ON-OFF
Rated module luminous flux:: 980lm Rated luminaire luminous flux: : 359lm Rated module power: : 8.1W Rated luminaire power: : 10.3W
Luminaire efficacy: : 35lm/W Voltage (AC): : 220-240Vac Frequency (AC): : 50/60Hz Voltage (DC): : 170-276Vdc Dimmable: : NOT DIMMABLE
(ON-OFF) 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 constant current at
700mA $V_{min}=10.8Vdc$ $V_{max}=12.8Vdc$. 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 Bollard fitting. 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. Mechanical resistance IK 10 LIGHTING PERFORMANCE Reflector in aluminized polycarbonate. Polycarbonate lens
transparent with controlled downward light emission for avoiding any glare, UV-stabilised and vandalproof . The position of the LED placed
inside the head allows for better heat dissipation. Lamp fixed position . LOR -- Compact electronic ballast to guarantee better lamp stability,
lifetime and reduced energy consumption. INSTALLATION AND MAINTENANCE The wiring of the fixtures must strictly respect the
specifications. Where not provided by the fixture loop in /out or through wiring will cause infiltration of humidity and if in contact with the
cables this may lead to an accelerated process of oxidation. WIRING Cable entry with M20 cable glands ($\varnothing 8\div 13$ mm). Isolation: CLASS II .
Available colours: Aluminium grey (cod.14), Anthracite grey (cod.24), Burnished bronze (cod.20). Weight: 2.9303 Kg Glow Wire test: -- 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).

Light output 1 (integrated)



Lamp type	LED	CCT	4000 K
Nominal lamp power	10.3 W	CRI	80
Total flux	359 lm	LOR	100%
Luminous efficacy	35 lm/W	ULOR	100%
		Total power	10.3 W

Mounting mode

Standing / Bollard

Shape and measurements

Height: 15.08 in

Diameter: 5.00 in

Adjustability

Fixed

Design

Material impression: Aluminum

Color of housing: Silver gray

Designer: SIMES S.P.A.

Electric

System power: 10.3 W

Appliance Class: II

Protection

IP: 65

IK: 10

Designation labels: CE