

# Product data sheet

MINICOLUMN H= 0,36M

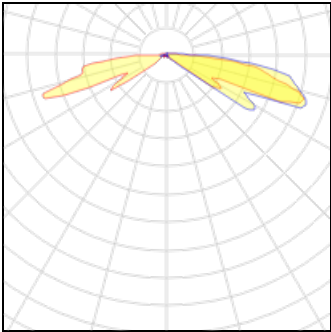
S.4130N

SIMES



Version is available on request. Available subject to stock levels BOLLARD MINICOLUMN S.4130N 1 module COB 4000K 220-240Vac ON-OFF  
Rated module luminous flux:: 1105lm Rated luminaire luminous flux: : 406lm Rated module power: : 9W Rated luminaire power: : 11W  
Luminaire efficacy: : 37lm/W Voltage (AC): : 220-240Vac Frequency (AC): : 50/60Hz Voltage (DC): : 170-280Vdc Dimmable: : NOT DIMMABLE  
(ON-OFF) (DALI2; PUSH available with surcharge) 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 250mA  $V_{fmin}=31.8Vdc$   $V_{fmax}=37.5Vdc$ . 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 Bollard fitting. IP rating IP 65 MATERIAL CHARACTERISTICS Extruded EN AW-6060  
aluminium profile, die-cast EN AB-47100 aluminium housing with high corrosion resistance. 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 Clear  
polycarbonate lens with controlled downward light emission for avoiding any glare, UV-stabilised and vandalproof . Lamp fixed position . LOR -  
- INSTALLATION AND MAINTENANCE Garden mounted fixtures are to be installed and used with the ground stake accessory or cemented root  
flange. These cannot be installed directly to the ground or cement bases without the relative accessories because the contact between the two  
different materials may lead to an accelerated process of oxidation of the fixture. 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 Supplied with rubber 0.3m cable H05RNF and fast connector IP67. The  
connector must be connected at the supply line (  $\varnothing 12-16$  mm ). Isolation: CLASS II . Available colours: Aluminium grey (cod.14). Weight: 3.09  
Kg Glow Wire test: 750°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: 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		CCT	3000 K
Nominal lamp power	11 W	CRI	90
Total flux	406 lm	LOR	100%
Luminous efficacy	37 lm/W	ULOR	3%
		Total power	11 W

Mounting mode

Standing / Bollard

Shape and measurements

Length: 5.55 in

Width: 5.55 in

Height: 14.17 in

Adjustability

Fixed

Electric

System power: 11 W

Appliance Class: II

Protection

IP: 65

IK: 10