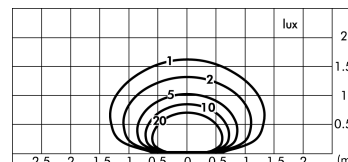
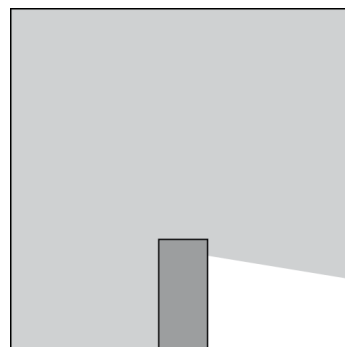
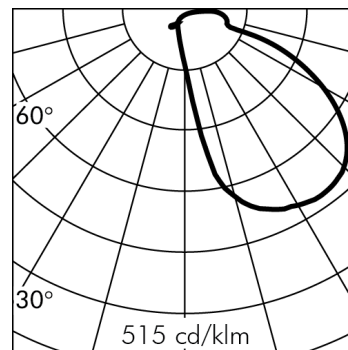
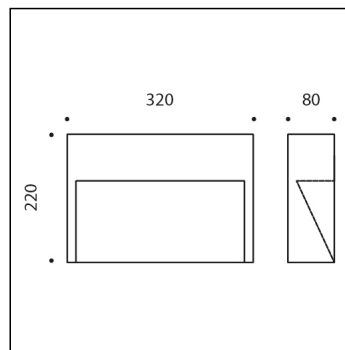


## SKILL RECTANGULAR BOLLARD

**S.6350W**

module LED 3000K 331lm 17W 220-240Vac ON-OFF

Bollards

**Light Source Technical Data**

|                                    |                |
|------------------------------------|----------------|
| Light source type:                 | LED            |
| Colour temperature:                | 3000K          |
| Rated module luminous flux:        | 1330lm         |
| Rated luminaire luminous flux:     | 331lm          |
| Rated input power:                 | 17W            |
| Luminaire efficacy:                | 19lm/W         |
| Color Rendering Index:             | CRI 90         |
| Standard Deviation Color Matching: | MacAdam step 3 |

**Power Supply Technical Data**

|   |              |
|---|--------------|
| Voltage (AC):   | 220-240Vac   |
| Frequency (AC):   | 50/60Hz      |
| Voltage (DC):   | 176-240Vdc   |
| Dimmable:   | NOT DIMMABLE |
| Inrush Current:   | 5A 50µsec    |
| Max. quantity of fixtures for<br>Minature Circuit Breaker type<br>B16A: | 50           |
| Max. quantity of fixtures for<br>Minature Circuit Breaker type<br>C16A: | 85           |

**Temperature and life time Technical Data**

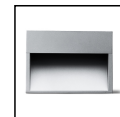
|   |                         |
|---|-------------------------|
| LED Lifetime:                           | L80 B10 70.000h Ta 25°C |
|   | L80 B10 50.000h Ta 40°C |
| Lifespan of the LUMINAIRE:              | min. 50.000h Ta 40°C    |
| Performance ambient temperature:        | Tq 25°C                 |
| Operating ambient temperature<br>range: | da -20°C a +50°C        |
| Storage temperature range:              | da -20°C a +60°C        |

**Technical Installation Data**

|                              |       |
|------------------------------|-------|
| Electrical insulation class: | II    |
| Protection class IP:         | IP65  |
| Mechanical resistance:       | IK06  |
| Weight:                      | 4.7Kg |

## SKILL RECTANGULAR BOLLARD

### S.6350W



## SPECS SHEET

### 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. 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 06

### LIGHTING PERFORMANCE

Toughened glass diffuser. 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 single cable entry with PG. Isolation: CLASS II . Available colours: Aluminium grey (cod.14). Weight: 4.7 Kg Glow Wire test: --

**LED module included**

### SKILL REGISTERED DESIGN

**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.**

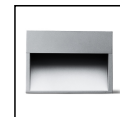
**LED modules are engineered accordingly to the existing regulations of Lumen Maintenance (LM80) and Technical Memorandum (TM21), where uniformity and quality of the light is 70,000 hours referred to L80 B10 Ta 25 ° C (50,000 hours referable to L80 B10 Ta 40°C). Lifespan of the luminaire min. 50,000 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).

## SKILL RECTANGULAR BOLLARD

### S.6350W



## ACCESSORIES



#### S.2499

##### **SURGE PROTECTION DEVICE 10kV CLASS II**

Compatible with all lighting fixtures and electronic ballast accessories classified under electrical Protection Class II Rated voltage 230-277V SPD type 2+3 Max Surge Protection 10kV IP67  
EACH FIXTURE MUST BE CONNECTED TO ONE SINGLE SURGE PROTECTION DEVICE AT A DISTANCE OF NO MORE THAN 10m AWAY.



#### S.6359

##### **FLANGE**

Steel flange with stainless steel screws (to be fixed in concrete).



#### S.2495

##### **DALI RELAY SWITCH for ON-OFF (NOT DIMMABLE) 230V LUMINAIRES**

Allows to make a remote controll of ON-OFF not dimmable 230V luminaires via DALI protocol. IP20 Max nominal load 1000VA Max switching current 8A Max inrush current 80A Dimensions 32,5mm x 15mm x 58,5mm NB: the Luminaire can be controlled remotely in ON-OFF mode only and not in dimmed mode.



#### S.2496

##### **DALI RELAY SWITCH for ON-OFF (NOT DIMMABLE) 230V LUMINAIRES**

Allows to make a remote controll of ON-OFF not dimmable 230V luminaires via DALI protocol. IP67 Max nominal load 1000VA Max switching current 8A Max inrush current 80A Dimensions 175,5mm x 86,5mm x 43mm NB: the Luminaire can be controlled remotely in ON-OFF mode only and not in dimmed mode.