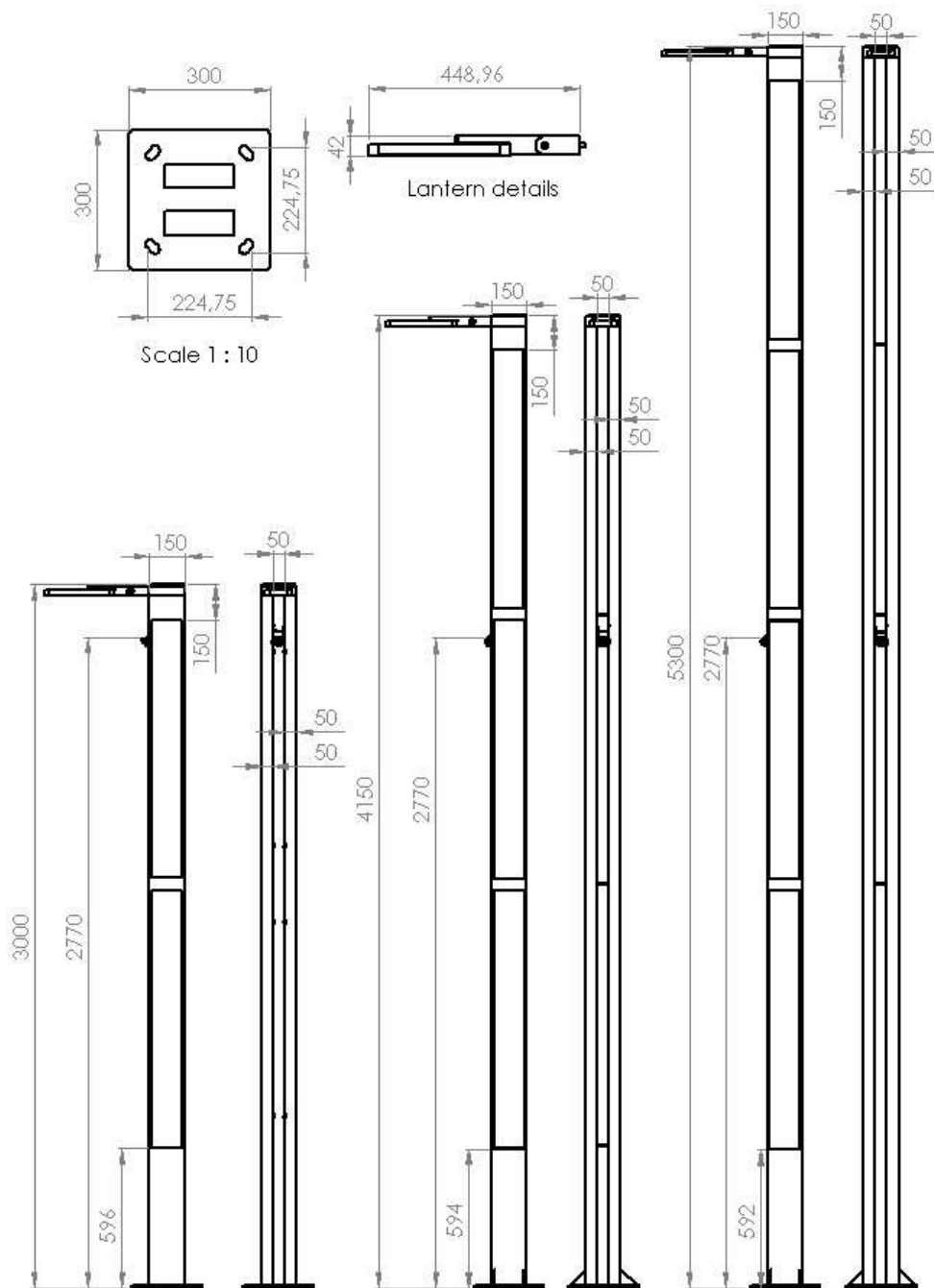


# ONYX COLUMN

## 3 to 5 meters

### DATASHEET



## PRODUCT SPECIFICATIONS

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Usage: Solar outdoor lighting fixture connected with Led.

Structure: Built in anodized aluminum with polyester powder coated paint finish.

Road optic.

Leds' color at choice:

- White 2400 K,
- White 2700 K,
- White 3000 K,
- White 4000 K.

CRI > 70.

Battery LiFePO4.

Battery capacity:

- 3 meters column: 7.6 Ah,
- 4 meters column: 11.4 Ah,
- 5 meters column: 15.2 Ah.

Solar panel Sunpower Back Contact.

Motion sensor.

Operating temperatures: - 10°C / + 60°C.

Dimensions:

- 3 meters column: 3000 x 150 x 150 mm,
- 4 meters column: 4150 x 150 x 150 mm,
- 5 meters column: 5300 x 150 x 150 mm.

Weight:

- 3 meters column: 20 kg,
- 4 meters column: 24 kg,
- 5 meters column: 30 kg.

Class III - IP67 for the lantern and IP55 for the column – IK07 - CE.



## FRAME COLOR

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Graphite  
Interpon futura black 2100  
Sand-blaste – Code YW359F

OTHER COLORS ON DEMAND

## POWER MANAGEMENT

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Power (annual average in Paris for 6 hours of operation per night):

- 3 meters column: 7.4 W,
- 4 meters column: 11.1 W,
- 5 meters column: 14.8 W.

Outflow (annual average in Paris for 6 hours of operation per night):

- 3 meters column: 932 lm,
- 4 meters column: 1399 lm,

- 5 meters column: 1865 lm.

Autonomy (conditions in Paris for 6 hours of operation per night, without considering the algorithm): 42 hours.

Embedded intelligence allowing optimal management of the battery according to the environment of the stud for operation 365 nights per year.

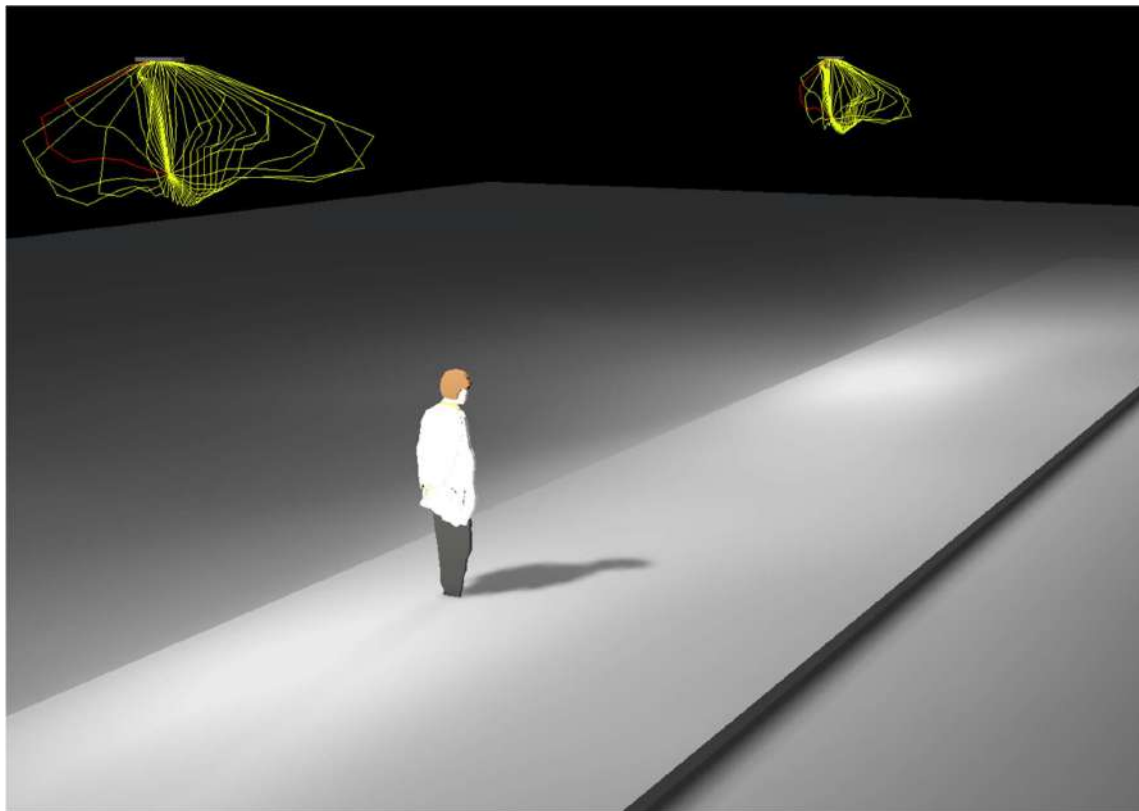
Battery lifespan estimated at 22 years: 8000 cycles for a depth of discharge not exceeding 55 % (this corresponds to 8 hours of use per night in Paris, with 50 % sunshine during the day).

## OPTICS

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Nowatt road optic.

Example: In Marseille with 6 hours of operation, on a 4 m wide pathway, with an interdistance of 10 m, the 4-meter-high Onyx column with a 3000 K lantern gives an average illuminance of 20 lux and a uniformity of 0,5.



## FEATURES

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ON / OFF function of the device.

Choice of lighting scenario.

Bidirectional presence detection.  
Optional light wave.

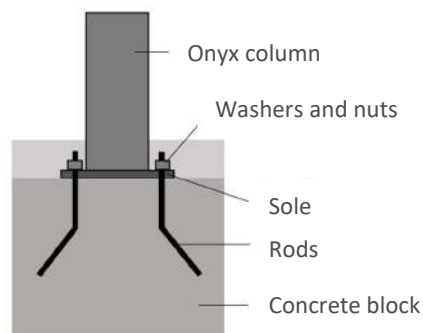
## INSTALLATION

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*Information given for reference purposes only.*

Make a concrete block with sealing rods.  
The sealing rods are not provided.

Height of the Onyx column	3 to 4 meters	5 meters
Dimension of the concrete block (side x side x height)	500 x 500 x 600 mm	500 x 500 x 700 mm
Distance between the rods	200 mm	
Rods' diameters	18 L 400	



## WARRANTY

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Product guaranteed for two years in accordance with the warranties of the French lighting union.