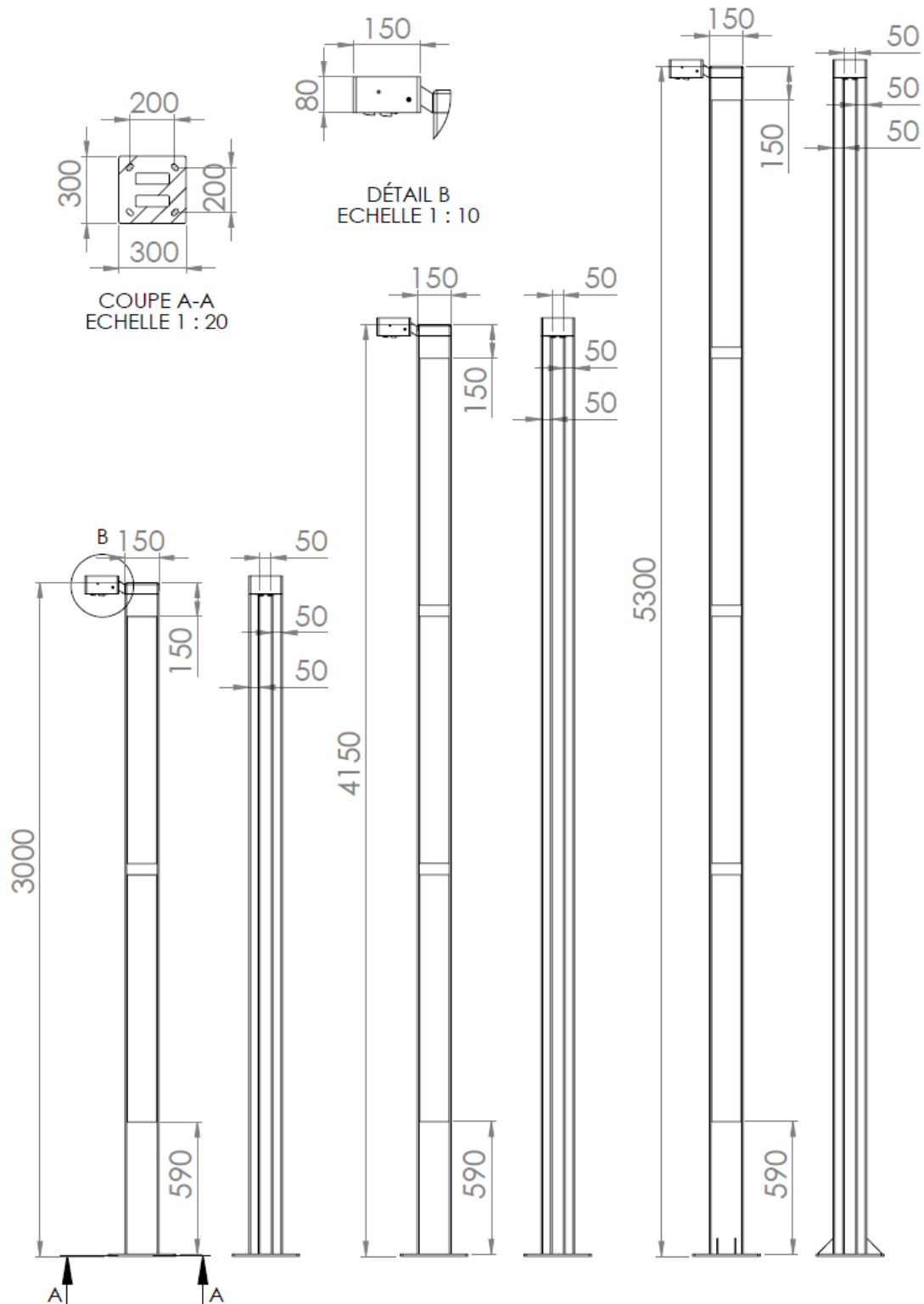


ONYX COLUMN

3 to 5 meters

DATA SHEET



PRODUCT SPECIFICATION

Solar outdoor lighting fixture connected with Led.

Built in galvanized steel with polyester powder coated paint finish.

Battery LiFePO4.

Solar cells Sunpower Back Contact.

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

Battery's operating temperatures: - 30°C / + 85°C.

Class III - IP 67 for the lantern - IP 55 for the column - IK 07 - CE.

Onyx Column	Weight	Dimensions of the column
3 meters	75 kg	3000 x 150 x 150 mm
4 meters	95 kg	4150 x 150 x 150 mm
5 meters	115 kg	5300 x 150 x 150 mm

Options:

- Bidirectional motion sensor.
- Bidirectional motion sensor + light wave.

Algorithmic management by microprocessor with a guarantee of:

- The charge management and computation of an optimal power all year-round considering latitude, season, and weather condition, with MPPT.
 - Management of battery operating temperatures for extended battery lifespan.
 - Battery's discharge management to guarantee the operating time 365 nights per year.
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LEDS

Choice of Leds:

- 2200 K,
- 2700 K,
- 3000 K,
- 4000 K.

OPTICS

3 optics available depending on the width of the path to enlighten and the height of the column wished.

- Optic 10: if Width of the path > Height of the column,
- Optic 11: if Width of the path = Height of the column,
- Optic 12: if Width of the path < Height of the column.

BATTERY

Onyx Column	Battery LiFePO4
3 meters	7,6 Ah – 19,2 V
4 meters	11,4 Ah – 19,2 V
5 meters	15,2 Ah – 19,2 V

Cycles	DOD (in %)	Lifespan (in years)
2000	100	5
3000	80	8
8000	55	22

SCENARIOS

The application allows to define the operating mode and time.

NOWATT application available on:

**FRAME COLORS**

GRAPHITE
INTERPON FUTURA BLACK
2100 SAND BLASTED
CODE YW359 F

OTHER COLORS ON DEMAND

WARRANTY

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

INSTALLATION

Information given for reference purposes only.

Make a solid concrete block with sealing rods.

The sealing rods are not supplied.

Height of the Onyx Column	3 et 4 meters	5 meters
Dimensions 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	

