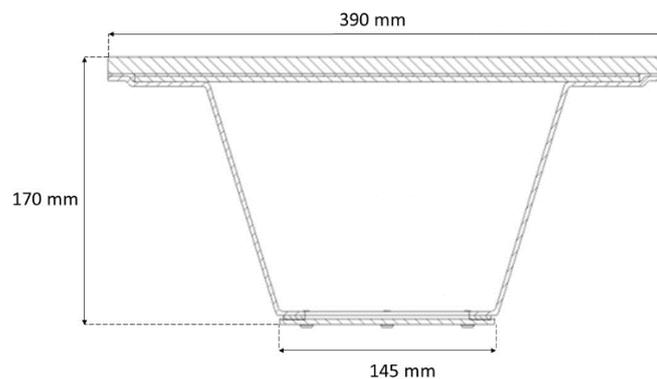


ONYX STUD

DATASHEET



PRODUCT SPECIFICATIONS

Usage: Solar outdoor recessed lighting stud connected with LED.

Structure: Built-in stainless steel and 12 mm thick screen-printed tempered glass.

Optic diameter 32 mm symmetrical in silicone, oriented to 12°.

LED color temperature: White 3000 K or White 4000 K.

CRI: 72.

Battery LiFePO4 (18 Ah).

Solar panel Sunpower Back Contact.

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

Dimensions: 170 x 390 mm.

Weight: 8 kg.

Compressive strength 2 tons maximum evenly distributed over the unit.

Class III - IP67 - IK08 - CE.

POWER MANAGEMENT

Power (annual average in Marseille for 6 hours of operation per night): 3,6 W.

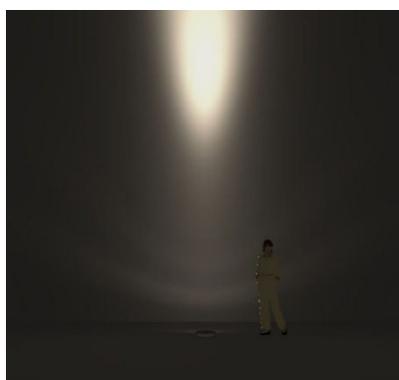
Outflow (annual average in Marseille for 6 hours of operation per night): 590 lm.

Autonomy (conditions in Marseille for 6 hours of operation per night, without considering the algorithm): 40 hours.

Embedded intelligence allowing optimal management of the battery according to the environment 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



10° optic



23° optic



32° optic

CONNECTION

Bluetooth connection for a remote control of the product via the application Nowatt Lighting.

Application Nowatt Lighting on Smartphone, available on Android and iOS.

The connection is protected by a code.



FEATURES

ON / OFF function of the device.

Choice of scenario from 2 standards scenarios.

Possible import of a new specific scenario on request, provided by Nowatt Lighting.

LUMINOUS SCENARIO

SCENARIO 1

6 hours lighting from sunset.



SCENARIO 2

4 hours lighting from sunset. 2 hours lighting before sunrise.



SCENARIO 3

Scenario on demand.

INSTALLATION

The detailed installation of the Onyx Stud in a concrete block can be found in the user guide, available on request.

WARRANTY

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