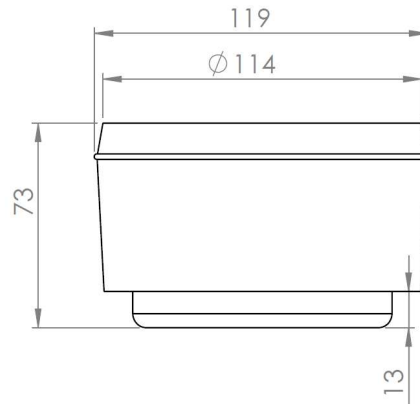


CRYSTAL STUD PLRE6

PRODUCT SHEET



TECHNICAL DESCRIPTION

Solar outdoor marking stud, no wiring required.

Solar Panel:

Type of cells: SunPower Back Contact

High efficiency: minimum 24%

Battery:

Technology: LiFePO4 - 3.2 V - 4 Ah

LEDs :

4 x RGB LEDs and 4 x White 3000 K LEDs or Amber

CRI of White LED: 80.

Luminous Flux: 4 lm

Integrated with the Solar cell structure and the PCB (Printed Circuit Board)

Structure:

Tempered glass 16 mm thick – IK07

Extended anodized aluminium frame (M) 100 mm for optimised heat dissipation

Dimensions: 119 x 73 mm - Weight: 1.25 kg.

PCB include:

- 4 x RGB LEDs and 4 x White 3000 K LEDs
- 1 solar Cell
- GPS
- Bluetooth Module
- Operating Temperatures: -10°C to +60°C.

Certification CE

AUTONOMY

Battery Capacity: 4.5 Ah.

Autonomy: at least 45 days

Embedded intelligence enabling optimal battery management based on the stud's environment for operation 365 nights a year.

Estimated battery lifespan: more than 10 years with 4000 cycles

CONNECTION

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

Nowatt Lighting application available on Android and iOS smartphones.

The connection is protected by a code.



FEATURES

Device ON/OFF function.

GPS with a calendar function down to a second and no time drift

LIGHTING SCENARIOS

The PLRE6 stud allows you to create standard scenarios and specific scenarios

The standard scenario is the one that will run every day of the year, except on days when the specific scenario applies.












Each stud knows exactly when and how it should switch on during the scenarios.

There can be several specific scenarios for prefixed dates:

E.g. annual events, national holidays, etc...

The specific scenarios are developed and downloaded to the studs at the factory.

LIGHTING SCENARIOS

<p>Rainbow Chain</p> 	<p>Rainbow Fade</p> 
<p>Monochrome Candle choice of colour</p>  	<p>Monochrome choice of colour</p>  
<p>Rainbow Flash choice of flashes per second</p> 	<p>Rainbow Wave</p> 
<p>Monochrome Flash choice of colour choice of flashes per second</p>  	<p>Monochrome Wave choice of colour</p> 

INSTALLATION

The installation methodology for Crystal bollards depends on the type of ground. Please refer to our manual available upon request.