

## ⑥ Installation method

### ● Confirmation before installation

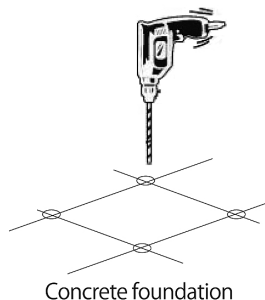
- There is no lighting switch in this product. Be sure to put it outdoors before construction and check it turns on after it is charged.  
You can not check the operation during the daytime.  
Please install the equipment in a firm place of the soil. When installing on soft soil such as sandy grounds etc. with such as concrete foundation.  
Please fix the embedded part.
- Install solar panels (solar batteries) in the place exposed to direct sunlight at least 10 hours.  
Also please make sure that there is no influence of the shade of trees and buildings.
- Avoid places where equipment can be buried with snow in winter.

### ● About installing instruments

#### In the case of concrete foundation

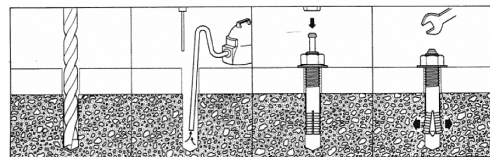
1. Drill prepared holes in order to drive the anchor bolt at the interval of 16 cm on the concrete foundation.
2. Drive the M10 anchor bolt.
3. Adjust the level and fix the base plate.
4. Screw the nut evenly.

#### ① drill prepared holes

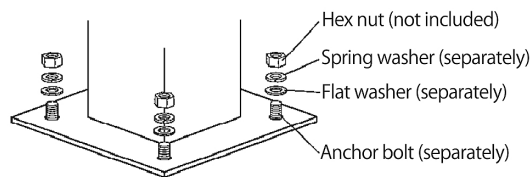


Concrete foundation

#### ② Set the anchor bolt (drive) Anchor bolt application example



#### ③ Fix base plate



### ● Condition of lighting and explanation of operation

- When installing this product, please install it in a place exposed to direct sunlight for more than 10 hours a day.
- Avoid places that will be buried with snow in winter.
- Since it uses lithium iron phosphate ion battery, if it is kept for more than 5 days it becomes over discharge. As it may cause malfunction, soon after the item arrives, put it outdoors so that the solar battery can generate power please do it.
- Do not install this product under water or in a place with high water content.
- Because this product uses solar cells, lighting time may be shortened due to conditions such as weather and installation environment, it may not light up.
- This product may not be lit at extremely bright places at night or just under the lighting lamp.
- Construction of this product must be done according to the construction method.  
Changing the construction method will cause damage.

## ⑦ Before being requested for repair

If the LED does not light, or if it lights even in the daytime, before you are asked for repair, Thank you.

Phenomenon	Cause	Treatment method
When the light source does not light at night	There are light sources such as street lamps and mercury lamps in the vicinity of installation. The storage battery is completely discharged. The surface of the main body is dirty with exhaust gas or the like.	Please move to a place away from the external light source and reinstall Please refresh the product in direct sunlight all day in fine weather. Please clean the top of the main body with a cloth dampened with water. If it is strong, wipe it with a cloth mixed with a neutral detergent.
When the light source is lit even during daytime	Malfunction of internal timer Set in a dark place	Move to a place where it is exposed to direct sunlight for over 10 hours, please reinstall.

### Record for maintenance

After completion of construction, please record to the customer after recording on the "Construction Record Table" in order to maintain the safety of future facilities.

#### Construction record sheet

Construction name
Construction store name
Phone number
Product name
Installation date
Number installed

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