

Uses iron phosphate lithium-ion battery for power storage

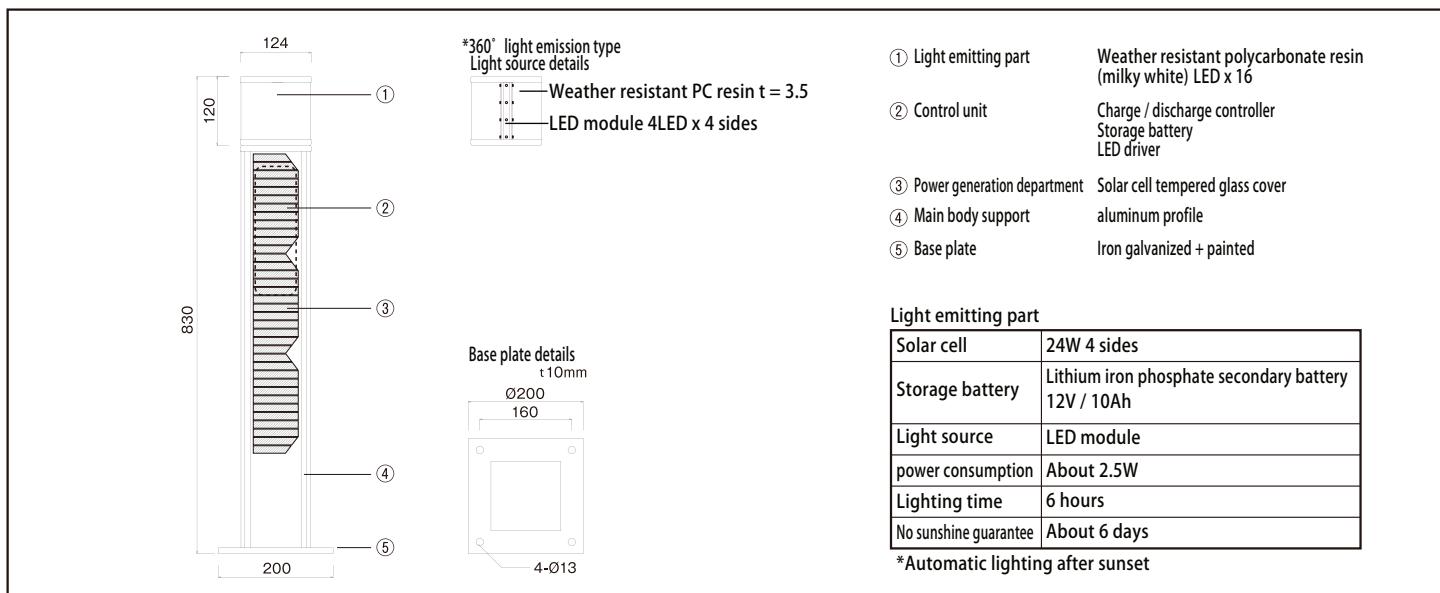
SolarLED Approach Light

Equipped with a solar power supply that combines a solar cell and a lithium-ion iron phosphate battery. As a solar LED guide light, it has excellent visibility from a distance.

Electrical parts specifications

Power supply	Solar panel (Tempered glass silicon crystal solar) Dimensions: 694mm x 96mm 4 sides, rated voltage 17.5V, generated power 24W (6W x 4 sides)
Power storage unit	Lithium iron phosphate battery Rated voltage 12V Rated capacity 10Ah
Light emitting part	Light part: Polycarbonate resin. Light source: 16 high-brightness LED chips (manufactured by Nichia Corporation)
LED lighting time	Can be set to either 6/14 hours (standard product is set to 6 hours)
Power consumption	Power consumption per hour of lighting time = approx. 2.5W / h, 1.2W / h For lighting time setting 6 hours: 15W / day, 14 hours: 16.8W / day
Charging time	Approximately 2 hours in fine weather and approximately 10 hours in cloudy weather (daily power consumption)
Turn on turn off	Lighting: Solar cell voltage knowledge + internal timer (lights up at the same time as the previous day even in the rain) Off: Turns off according to the set time according to the above LED lighting time, or when the power is generated in the morning
Expected life (product)	Approximately 10 years (years from the design of lithium iron phosphate batteries that greatly affect product life) * Design years for 70% storage capacity

*This is a solar power generation product. If it is not installed in a sunny place, sufficient performance will not be exhibited.



Precautions for use

[Precautions]

- When installing this product, install it in a place exposed to direct sunlight (about 20,000 lux) for 10 hours or more a day.
- Avoid places that are buried in snow in winter.
- Since it uses a lithium iron phosphate battery, if it is stored for 5 days or more, it will over-discharge and cause malfunction or failure.
- Immediately after the product arrives, take it outdoors so that the solar cells can generate electricity. Do not install this product underwater or in a wet place.
- Since this product uses solar cells, the brightness and lighting time may differ or may not light depending on conditions such as the weather and installation environment.
- This product may not light up even at night in extremely bright places or directly under lighting.
- To maintain the power generation efficiency of solar cells, it is necessary to regularly clean the solar cover of the power generation section.
- When cleaning the surface of the main unit, dilute a dry cloth or neutral detergent with water and wipe it off.
- Do not clean with benzine or thinner. Please be careful as it may cause damage.
- Be sure to follow the prescribed construction method when installing this product. Changing the construction method may cause a malfunction.

[Warning]

- Do not drop this product or subject it to strong impact. It will be the cause of the failure.
- This product is not food.
- Do not disassemble or modify this product. It may cause malfunction or damage.
- Do not use this product near a fire or throw it into a fire. It may explode and cause injury.

For further information, please contact us

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