



SOLAR OUTDOOR LIGHTING FAQ

1. What are solar lights?

Solar lights are light fixtures composed on LED boards, solar panels and rechargeable batteries.

2. Are solar lights safe?

Safety is another reason to choose LUCE SOLARE BLS Series. Since they don't use power cords or electricity, they are safe for use in playgrounds, courtyards, entrances, exits, near ponds, near swimming pools and remote areas where wiring is not economical or available.

3. Do solar lights work on cloudy days?

Cloudy and rainy days block the sun however, the solar lights are still receiving a charge. The clouds diffuse the strength of the sunlight, but the panels are still charging on cloudy days. Therefore, the lights will only operate on that fraction of time as well.

4. Do solar lights work during the winter?

Usually, outdoor solar lights will perform better during the summer months because the days are longer, which gives the light more electricity. Cloudy days and short winter days will reduce the amount of electricity the solar lights will receive, so the lights may not stay on as long.

5. Do Luce Solare fixtures have batteries?

Luce Solare products have a Lithium Ion (Li-ion) battery (17.5Ah).

6. Do Luce Solare fixtures come fully charged?

Luce Solare fixtures come 70-80% charged meeting the U.S. Department of Transportation regulations.

7. Which are the Luce Solare (BLS) operating modes?

Luce Solare (BLS) has three operating modes.

- **Green Light** - 5 hours at 100%
7 hours at 30% power, when motion activated increases to full brightness.
- **Orange Light** - 5 hours at 70%
7 hours at 30% power, when motion activated increases to full brightness.
- **Red Light** - 12 hours at 30% power, when motion activated increases to full brightness.

8. Are the Luce Solare (BLS) operating modes field programmable?

Yes

9. What rebates and incentives are available for solar energy?

There is a 30-percent federal investment tax credit (ITC) for solar energy systems in place until December 31st, 2023. Both residential and commercial customers can take advantage of this tax credit, and it applies to all three major types of solar technology; photovoltaic, solar heating & cooling, and concentrating solar technology.

In addition to the federal ITC, many states, counties, municipalities and utilities offer rebates or other incentives for solar energy technologies. Your installer will be able to provide the most up-to-date information on solar incentives. The [Database of State Incentives for Renewables & Efficiency \(DSIRE\)](#) has a comprehensive list of solar incentives by state, as well as more information and maps showing solar policies across the U.S. In addition, [SEIA partner EnergySage](#) has a handy tool that lets you search for local rebates and incentives that might be available to you.