

INTELLIGENT LIGHTING

Green Lighting

Solar Lighting

What Makes Up Solar Street Lights

Solar-powered street lights are composed by:

Solar panel

In charge of converting the sunlight into electricity.

Lighting fixture

The primary light source is LEDs.

LEDs are around 50% more efficient than their counterparts, the conventional High-Pressure Sodium Fixtures (HPSF), delivering higher luminosity with lower energy consumption.

Rechargeable battery

The energy produced by the panel during the day is stored in a battery, so it is available to be used at night.

Pole

Poles will hold the solar light arrangement on-site, and panels might go on top of the light or integrated to the pole structure.



Elba