ST51

Solar Lighting Column

The integrated and connected solar lighting system

5-10 YEARS WARRANTY



KIRITO

All in one design



Height
5-8m



Luminaire

Wide range of luminaires are optional ttailor made for different lighting application. Providing a compact and fully integrated green energy solution



Vertical solar PV panel

Integrated vertical PV panel into pole provides aesthetic view

Avoiding snow or sand collection on solar panel

360° Full day charging



LiFePO4 Battery

5 years design life time lowers toal system cost. Special designed battery pack ensures protection of over temperature & short circuit.



Q235 pole

Recyclable, resistant to strong wind climates, good ability of endure corrosion passed 1,000hrs salt spray test

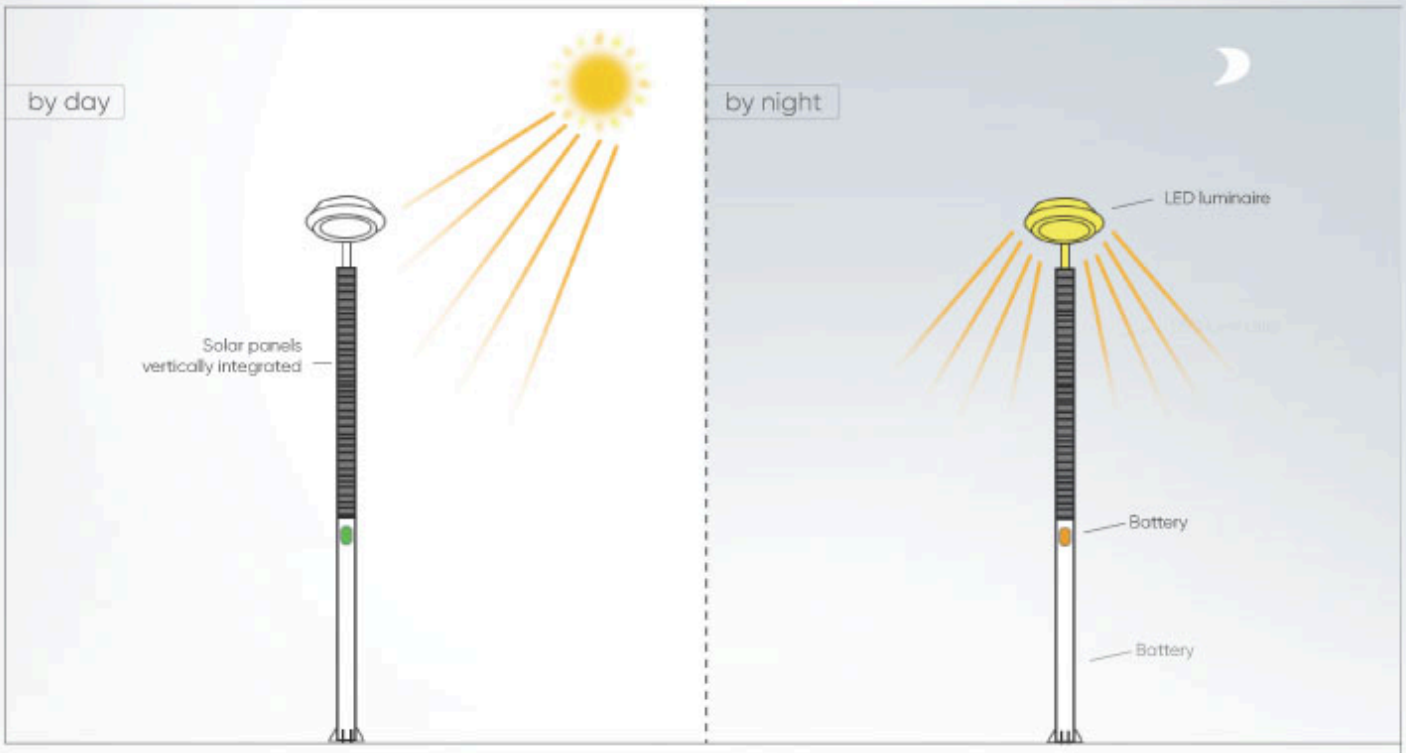
Humanzied intelligent remote control


Park



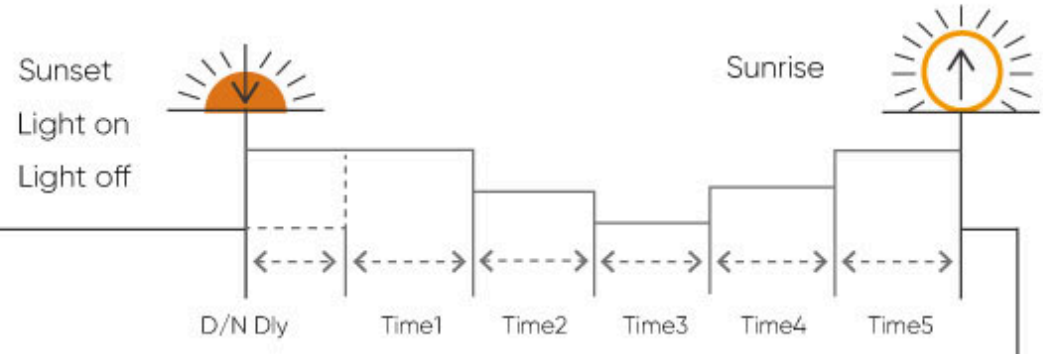
Parking lot


Square



- Energy stored within the batteries
- Batteries release energy to power the luminaire(s)





You can set the fixtures with 5 stages timer dimming yourself by the remote controller

ADDITIONAL PRODUCT SPECIFICATIONS

Series Code	ST51
Power	20W, 40W, 60W
Input Voltage	LiFePO4 Battery, 50 / 60 Hz
IP Rating	IP66
Mounting Option	Pole Mounting
Warranty	10 Years (Battery life 5 years)
Operating Temperature	0°C to + 60°C

The product has been discontinued online. Please contact our sales representative for more information. Vertical fixation of Solar PV modules is a clean, efficient method of integrating solar photovoltaic technology onto column lighting systems. This approach means that we avoid the use of large, cumbersome solar panels that are mounted on top of the lighting column and instead fix them around the lighting pole. This seamlessly integrates the technology aesthetically without compromising efficiency, adding value to both designers and end-users. Vertical integration is more wind-resistant, reducing wind-loads and minimizing the need for more expensive pole foundations. It also provides a reduced maintenance burden with the reduction of dirt build-up on the photovoltaic surfaces requiring both less frequent and easier cleaning. The vertical wrap-around panels receive light more evenly and efficiently from the sun and sky during the course of daylight hours, even in darker climates and seasons. Aesthetic and urban design, which can be compatible with any luminaire. Providing a compact and fully integrated green energy solution. Integrated vertical PV panel into pole provides an aesthetic view, avoids snow or sand collection on the solar panel, 360° Full day charging. Control unit and lithium battery are safely and securely placed inside the column. No cabling means quick and easy installation. Easy asset management due to remote connectivity. Maintenance-free, because dust dirt, and snow can not stick to the smooth and cylindrical design of the ST51. Recyclable, good ability to endure corrosion passed 1,000hrs salt spray test. Contact the salesman to find out which conventional street lights can be matched. Applications: The ideal solution is in environments where no electricity network or infrastructure is available. From hot desert areas, like the Middle East, to rainy and cold areas, like northern Europe. Its artistic design beautifies city centers like shopping malls, and commercial blocks as well as campuses, parks and residential areas.

PRODUCT VIEWS



VIEW 1



VIEW 2



VIEW 3



VIEW 4

PRODUCT VIEWS



VIEW 5