

OLINTU SERIES

ekina
solar lighting

The smart solution for light and simple solar lighting that incorporates a lithium battery. Ideal integration in rural roads, garden areas, bicycle lanes, pedestrian walks, parks and playgrounds.



Energy self-sufficiency



0 energy cost



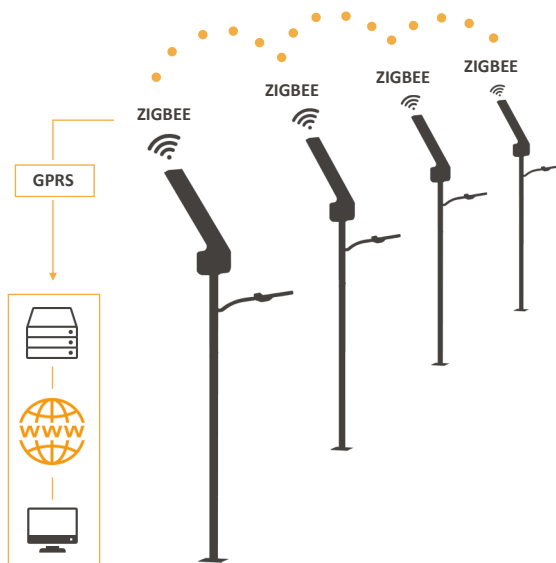
Anti-vandalism design



0 emissions to the atmosphere



Personalized study of needs



KENLOK INTELLIGENT CONTROL UNIT

- Light control algorithm for greater battery autonomy
- Factory custom lighting programming
- Energy resources optimization to maximize the durability of the system
- Voltage and temperature measurement system
- Automatic daylight saving time adjustment
- Total control of streetlight parameters

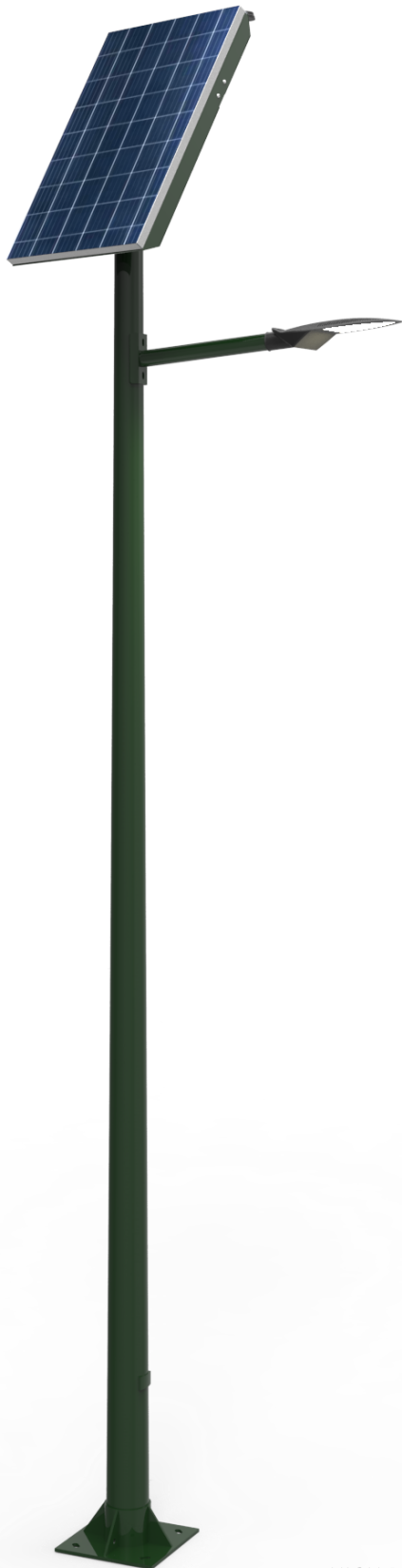
ilumek TELEMANAGEMENT SYSTEM

Online platform for the management and monitoring of the solar lamps

- ✓ Customized system design
- ✓ Private server
- ✓ Warning / alarm system for operational issues
- ✓ Different access levels
- ✓ Data Export to Excel
- ✓ Remote diagnosis



FEATURES



LUMINAIRE

Type	LED
Power	20 - 80 W
Rated voltage	12 V
Efficiency	> 120 lm/W
CCT	3000 - 4000 - 5700 K

SOLAR PANEL

Type	Monocrystalline / Polycrystalline
Power	60 - 150 Wp
Lifespan	More than 25 years

BATTERY

Type	Li-Ion (LiFePO4)
Capacity	25 - 100 Ah
Maximum depth of discharge	80%
Autonomy	2 - 5 days

COLUMN

Height	3 - 5 m
Material	Hot dip galvanised steel
Corrosion resistance	> 15 years
Optional protection	Polyester powder coating
Optional treatment	Antigraffiti protection
Wind resistance	120 km/h

HIGH EFFICIENCY LEDS



HIGH RESISTANCE TO THE CORROSION



SMART SOLUTION



MAXIMUM RELIABILITY



ekiona
solar lighting

Miramón Technology Park
Paseo Mikeletegi, 56
20009 · Donostia - San Sebastián

Spain
info@ekiona.com
www.ekiona.com

