

# BURIED SERIES

The smart solution for light and simple solar lighting. Prepared for special applications because the battery goes underground.



Energy self-sufficiency



0 energy cost



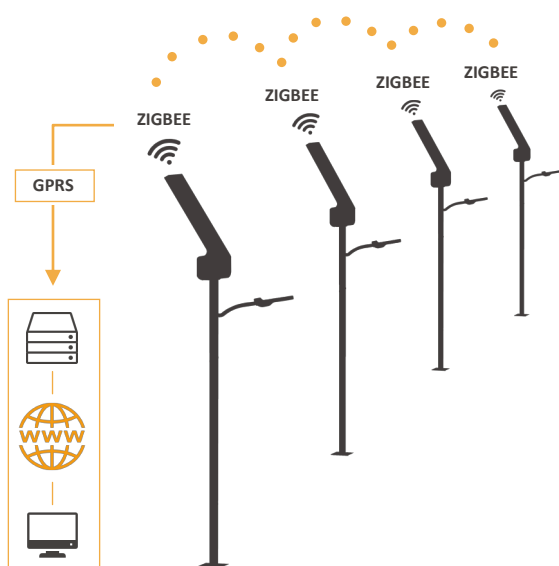
Anti-vandalism design



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 - 50 W
Rated voltage	12 - 24 V
Efficiency	> 120 lm/W
CCT	3000 - 4000 - 5700 K

### SOLAR PANEL

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

### BATTERY

Type	VRLA ( GEL or AGM)
Capacity	100 - 210 Ah
Maximum depth of discharge	50%
Autonomy	2 - 5 days

### COLUMN

Height	From 4 meters
Material	Hot dip galvanised steel
Corrosion resistance	> 15 years
Additional 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



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