

BURIED SERIES

ekina
solar lighting

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



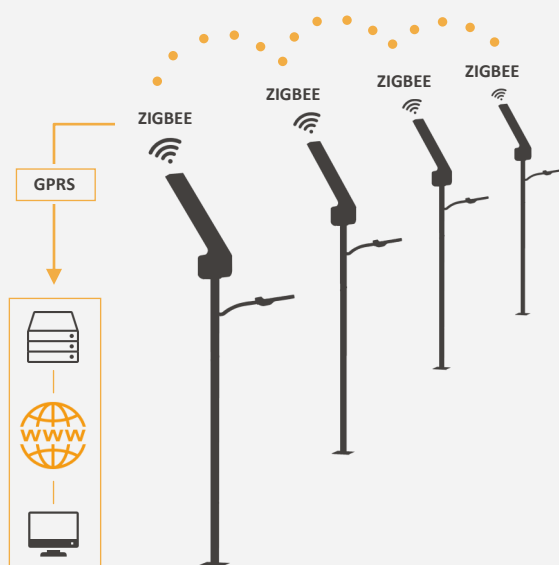
KENLOK INTELLIGENT CONTROL UNIT

- 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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