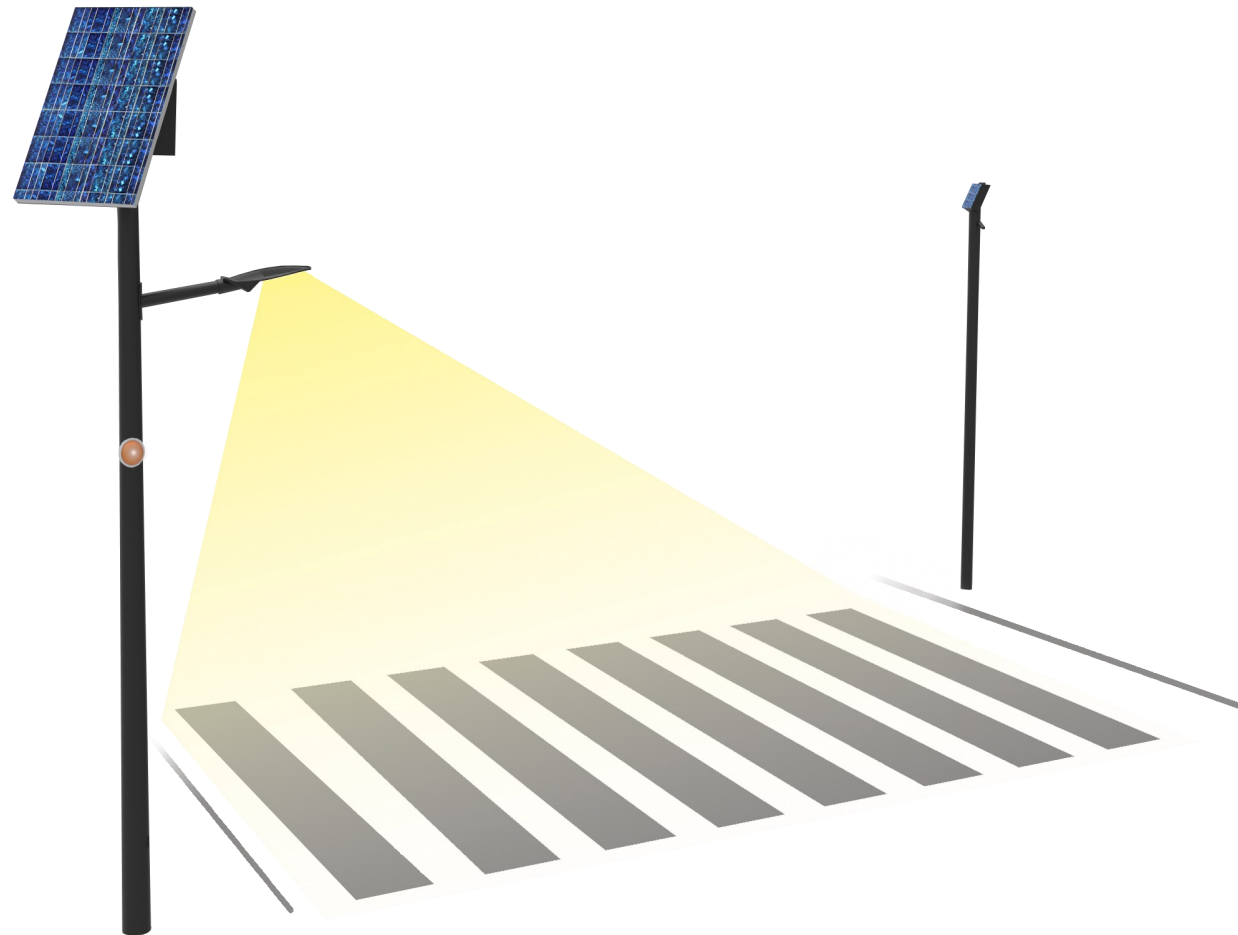







CROSSWALK SERIES

The perfect solution in intelligent solar lighting for pedestrian crossings; increasing the visibility, the safeness and reducing the risks of accidents.



-  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



- Post with luminaire available on different heights and powers, adapting to the length of the pedestrian cross.
- Intermittent amber beacon for the vehicles, featuring different intensities .
- Presence detector.
- Luminaire functions at 50% on eco-mode and at 100% as pedestrians are detected, for a period considering the length of the street.
- Intelligent post for the detection of pedestrians at the opposite side of the street, in order to send a notification for the solar light.

- HIGH EFFICIENCY LEDS 
- HIGH RESISTANCE TO THE CORROSION 
- SMART SOLUTION 
- MAXIMUM RELIABILITY 

LUMINAIRE

Type	LED
Power	From 30 W
Rated voltage	12 - 24 V
Efficiency	> 120 lm/W
CCT	3000 - 4000 - 5700 K

SOLAR PANEL

Type	Monocrystalline / Polycrystalline
Power	From 100 Wp
Lifespan	More than 25 years

BATTERY

Type	VRLA (GEL or AGM)
Capacity	100 - 250 Ah
Maximum depth of discharge	50%
Autonomy	2 - 5 days

COLUMN

Height	4 - 7 meters
Material	Hot dip galvanised steel
Corrosion resistance	> 15 years
Additional protection	Polyester powder coating
Optional treatment	Antigraffiti protection
Wind resistance	120 km/h

