

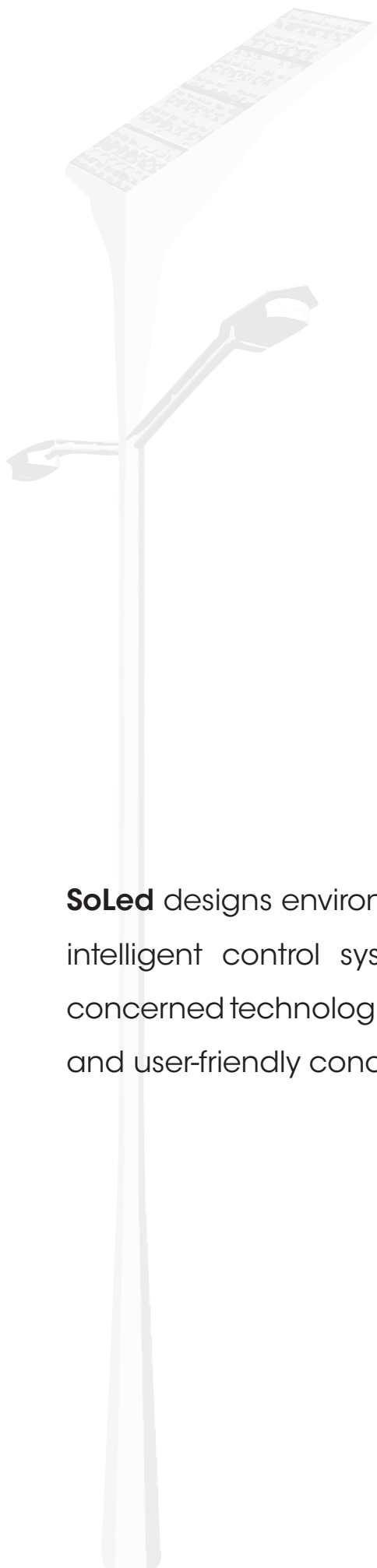


Uw partner in hernieuwbare energie

*SOLEO*



XP  
Intelligent Solar Power



**SoLed** designs environmentally responsible lighting and intelligent control systems. New and environmentally concerned technologies are implemented in sustainable and user-friendly concepts and products.

**SoLED**

# SOLED XP

High economic efficiency and highest security



## Solar Module

- Highly efficient solar cell module
- Solar power up to 240 Wp

## LED Lighting head

- Luminous flux up to 4400 lm
- Individual light distribution with symmetric or asymmetric optics and with one or two lighting arms

## Control

- Energy recovery with groups of luminaries for maximum system efficiency
- Hybrid technology for continuous autonomy
- Energy and maintenance management via GSM remote control

## Safety

- Safety light for traffic applications due to pure, unmodulated DC-light
- Redundant security circuit guaranteeing light in case of breakdowns

## Systems

- Stand-alone: Operation with solar energy only
- Hybrid: Operation with solar energy and battery charge via mains for regions with less solar radiation or harsh weather condition
- Power Station: Generation of electricity through solar energy for grid supply during the day and mains-operated light during the night

Patent pending

# SOLED



***Street lighting • Parking area lighting • Public facilities • Parkway lighting***

***SOLEO***

# An investment that pays - *SoLED XP*

## Economic efficiency

- No energy costs
- Energy recovery into the grid for groups of luminaries without battery
- CO<sub>2</sub> - free
- Long-lasting LED lamps – reduced maintenance
- No expensive mains-wiring needed for the Stand-alone version
- Energy-management via GSM remote control

## Safety

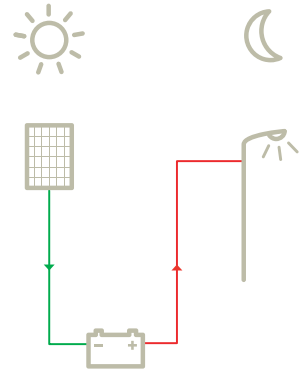
- Compliance to international lighting standards with Power Station and Hybrid version
- Fail-proof redundant security circuit due to a parallel energy supply system
- Best visible light for traffic applications due to DC-light operation
- Hybrid version for regions with less solar radiation or for increased performance requirements
- Maintenance management via GSM remote control
- Controller software update via GSM module



# Systems

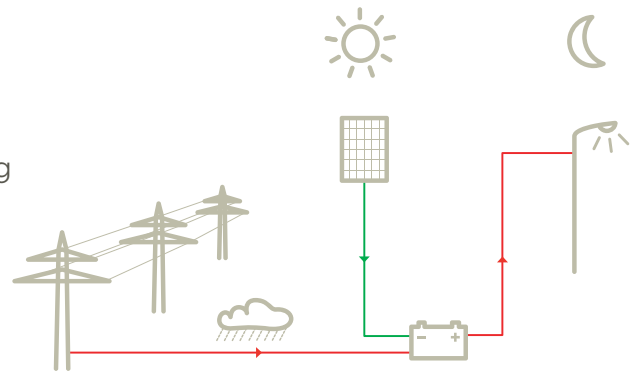
## Stand-Alone

- Energy storage during the day (battery)
- Energy use (light) during the night



## Hybrid

- Energy storage during the day (battery)
- Energy use (light) during the night
- Alternative mains operations in case of lasting bad weather conditions



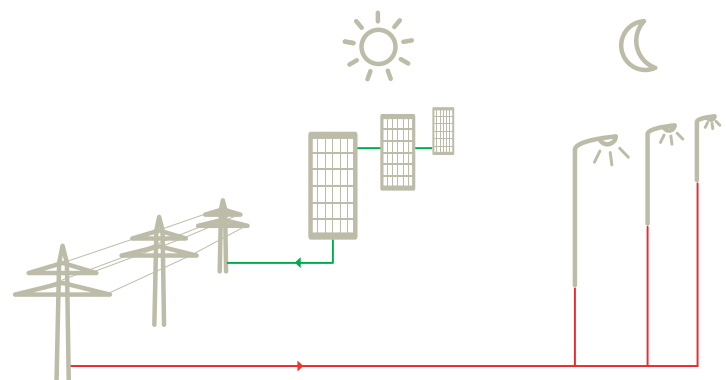
## Power Station (groups of luminaries)

### During the Day:

- Power plant operation
- Energy recovery into the grid
- Maximum system efficiency
- Coverage of peak loads

### During the night:

- Mains-operated luminaire with maximum light output



Become a "Preferred Partner" of SoLed  
and obtain a license to install, commission  
and maintain the SoLed product family.

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