



**enLighten**

Innovation in Lighting Solutions

# CREATING SAFER COMMUNITIES

## ZORRO UNPLUGGED

**COMPACT UNIT WITH HIGH EFFICIENCY  
SOLAR PANELS**



Call us on 1800 365 444 | [enlighten.com.au](http://enlighten.com.au)



# LIGHTING OFFERS THE COMMUNITY A GENUINE SENSE OF SECURITY AND WELL-BEING.

Well-lit areas encourage people to walk at night and enjoy community life in their municipality.



Installing powered area lights has traditionally been very expensive and can disrupt a precinct with the digging of trenches and the laying of electrical cables. enLighten's Zorro Unplugged is easy and quick to install. Our ALL-IN-ONE standalone system requires no cabling or trenching and delivers all the benefits of a traditional powered light for a fraction of the cost.

Harnessing the power of the Aussie sun, Zorro Unplugged is 100% sustainable, it is ideal for environmentally sensitive areas and places with limited or no power supply, it is also perfect for remote locations and high crime areas.





# Lighting as a cost-effective strategy to reduce crime

## CASE STUDY

The New York City Police Department worked alongside the New York City Housing Authority and the scientific research team Crime Lab, they conducted a six-month randomised controlled trial involving nearly 80 public housing developments. Half of the developments received new, temporary outdoor lights, and half did not.

The study found that the developments that received the new lights experienced crime rates that were significantly lower. Increased lighting levels led to a 7% overall reduction in serious criminal offences. Overall a 39% reduction in night time crime incidents was observed thanks to the newly installed public lighting. (Lerner, 2017).

**INCREASE SAFETY AFTER DARK THROUGH OUTDOOR LIGHTING**  
**CUT NIGHT-TIME CRIME BY 39%**



**7% OVERALL REDUCTION**  
**IN SERIOUS CRIMINAL OFFENCES**



## Communities have their say

Smart growth and urban planning revolves around achieving a unique sense of community and place, it also prioritises the safety and general well-being of residents.

A smart city study was conducted in 2017 by Silver Springs Network to capture the voice of the residents and their priorities within their neighbourhood. Improving public safety and reducing energy consumption to help the environment were highlighted as key priorities.

Providing safety and security through area lighting is one of our key initiatives and the Zorro Unplugged ALL-IN-ONE solar area light activates when and where you need it.



Power to the people, The 2017 Smart Cities study, Silver Spring Networks

### Do young people feel safe walking at night?

The Smart Urban Futures conference explored young people's perceptions of what makes a liveable community and the barriers for young people walking for recreation and transport. This study revealed that 75% of young women felt unsafe to walk at night alone, on a world scale only women in Chile, Mexico and Hungary felt less safe.



Female

75%

NO



Male

46%

NO

# ZORRO UNPLUGGED

ALL-IN-ONE SOLAR LIGHT



**EASY TO INSTALL**  
***NO WIRING, NO TRENCHING!***

Safety and security improved

3 nights on a single charge

Microwave motion sensor

New gen battery with ultra-long lifespan

## FEATURES



MICROWAVE  
MOTION SENSOR



DAYLIGHT  
SENSOR



TIME  
CONTROL



LiFePO4  
BATTERY



REMOTE  
CONTROL



FLEXIBLE  
MOUNT



INGRESS  
PROTECTION



YEAR  
WARRANTY





## ULTIMATE TILT CONTROL TO MAXIMISE DAYLIGHT HARVESTING

### IDEAL LOCATION TO THE SUN

★★★★★



**enLighten's Zorro Unplugged**

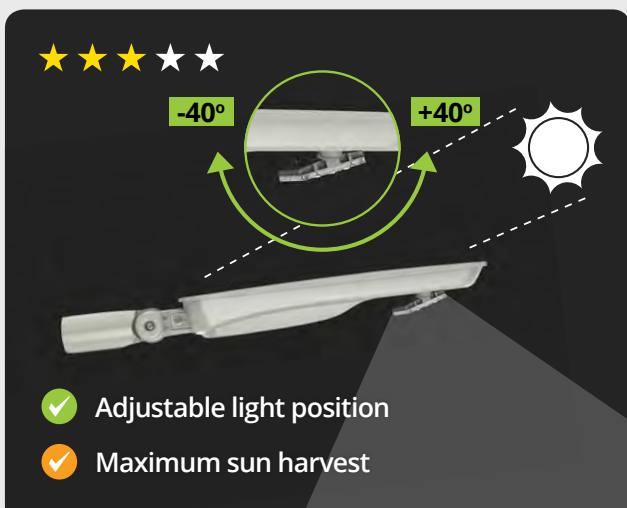
★★★★★



**Competitor**

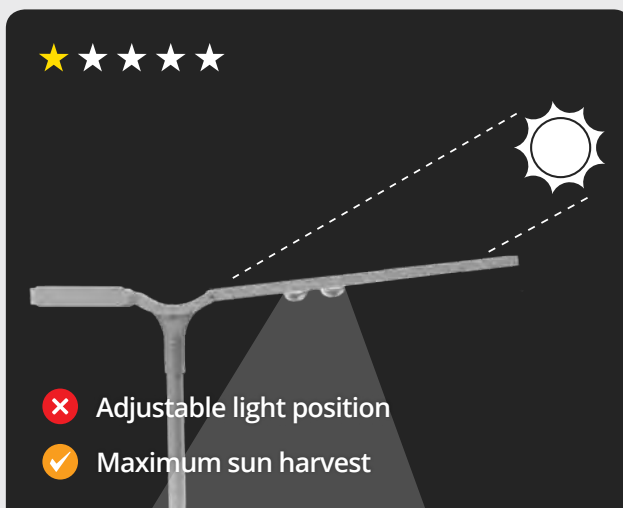
### NOT IDEAL LOCATION TO THE SUN

★★★★★



**enLighten's Zorro Unplugged**

★★★★★

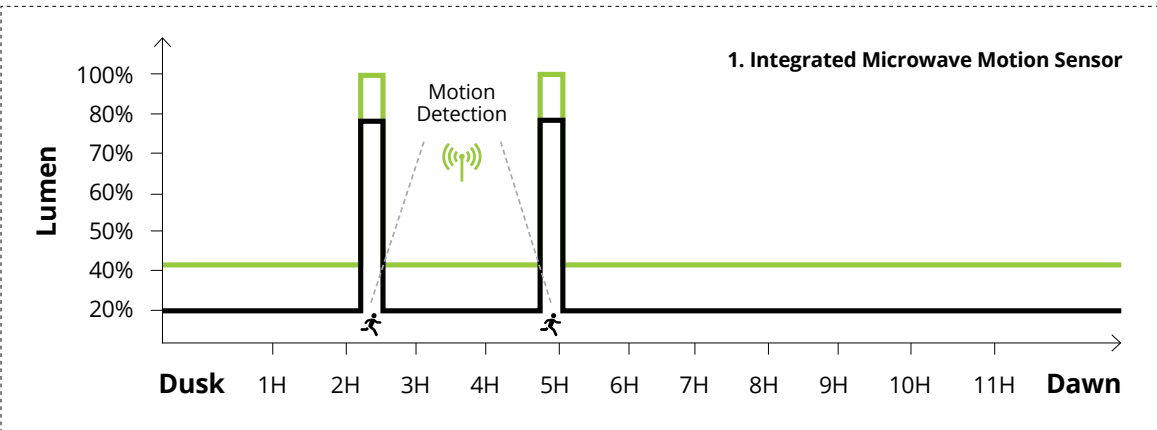


**Competitor**

# SMART CONTROLS | Out-of-the-box functionality

Improve the safety and security of an area with smart controls designed to automatically detect if an area is occupied or unoccupied. Zorro Unplugged integrated motion sensor gives you light when and where you need it.

Lighting control systems can now represent up to 35 percent of a project cost, you can dramatically reduce this cost by using an integrated microwave motion sensor and pre-programmed time and intelligent mode on a remote control. Schedule the level of light needed - full night, part night and dimming options available.



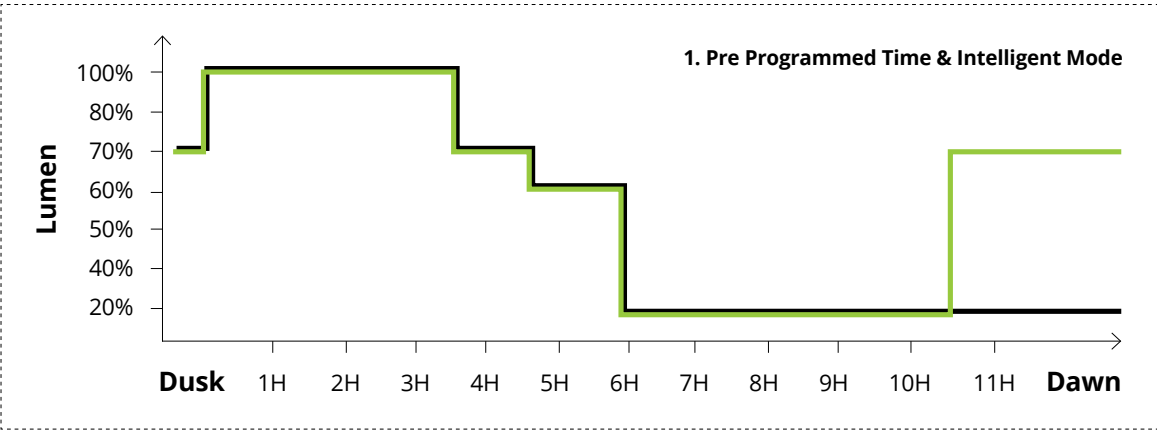
40% light level  
all night setting

100% light level for 2 mins after  
last movement is detected



20% light level  
all night setting

80% light level for 30 secs after  
last movement is detected

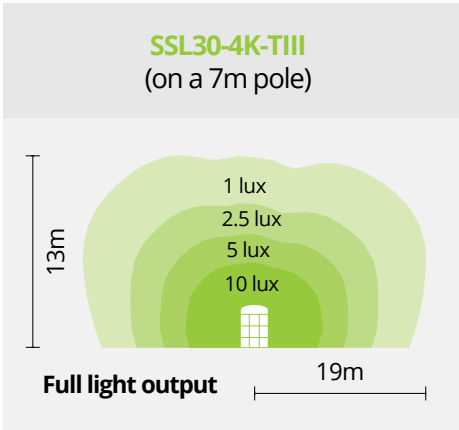
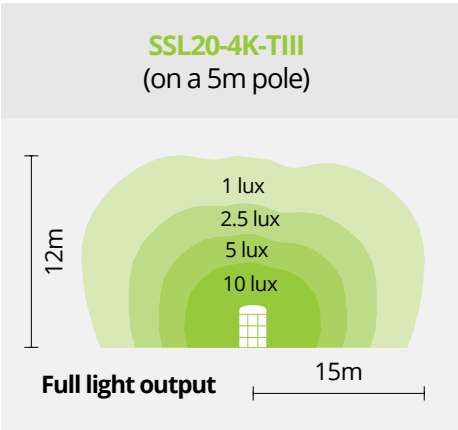
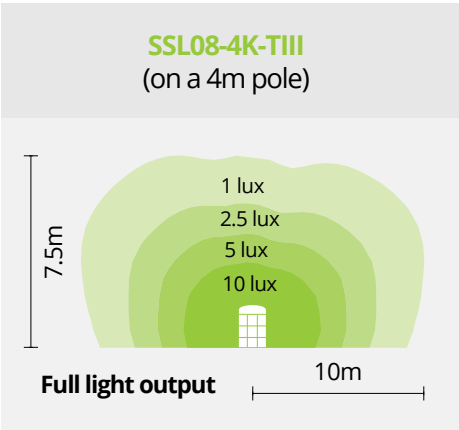


for activated areas  
in the morning



for non activated  
areas in the morning

## Providing the perfect area coverage for your project





# ZORRO UNPLUGGED

## EASY TO INSTALL

### STRUCTURALLY STRONG

- **Swivel mount** that slips onto  $\varnothing 45$ -  $\varnothing 60$ mm round pole

### ULTIMATE LED TILT CONTROL

- Independent rotational axis of LED lamp **+40 to -40 degrees**

### INDUSTRY LEADING PERFORMANCE

- **>190 lm/W efficacy**
- High quality lumileds LEDs

### SMART CONTROLS

- Integrated **microwave motion sensor** and **intelligent time control**

### 3 NIGHTS ON A SINGLE CHARGE

- **Ultra long lasting** LiFePO4 battery

### QUALITY MONOCRYSTALLINE SILICON SOLAR PANELS



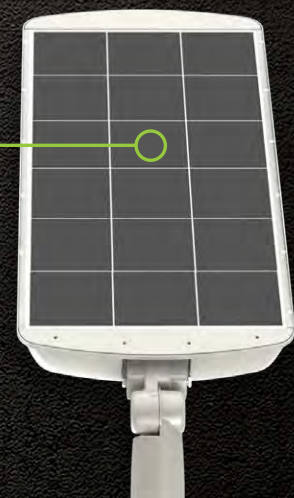
MICROWAVE  
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