

# AE3

## Solar Street Lighting

**T**he AE3 is a medium to high power solar street light integrating all components such as the solar panel, outdoor LED, LiFePO4 battery, intelligent controller and PIR sensor together. Such design makes the installation and maintenance easy, saving labour and maintenance costs.



**No Emissions**  
No greenhouse gas emissions.



**No Mains Power**  
Economic to operate.



**Low Cost**  
No need for trenches or cabling.



**No Maintenance**  
Install and forget with a long operating life.

Our customers include

**VIVO**

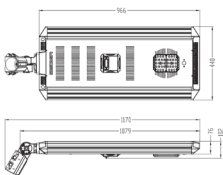
**Persimmon**  
Together, we make your home



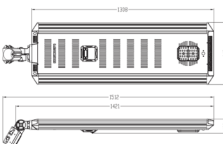
**Vistry Group**



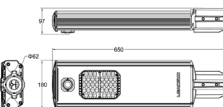
**AE3-60**



**AE3-90**



**RS10**



2

Up to  
**90W**  
solar  
panel

1

5W or  
10W  
LED light

Multiple  
applications

3

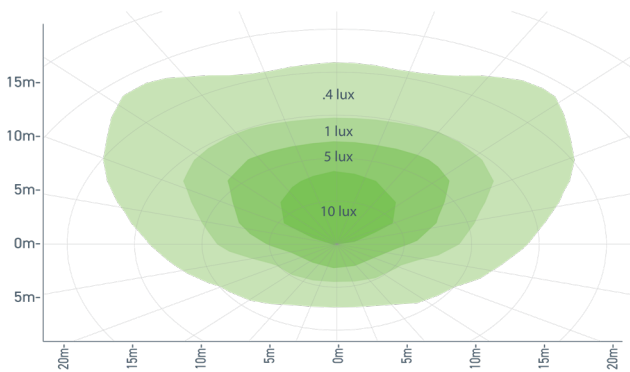


# AE3 Solar Street Lighting

10W LED  
lamp  
with up to  
1800  
lumens



## AE3 Light Range



AE3 Area  
1x10W Lamp  
5m Column  
22° Tilt  
.5m Outreach

10 lux to 29 sqm

5 lux to 108 sqm

1 lux to 351 sqm

.4 lux to 535 sqm



### Solar Panels

PV peak	60W or 90W
Dimensions: 60W	1079 (L) x 440 (W) x 102 (D) mm
Dimensions: 90W	1421 (L) x 440 (W) x 102 (D) mm
Net weight	60W: 15.3 kg 90W: 19.6 kg

### Batteries

Battery specification	2x LiFePO4 lithium battery
Battery capacity	60W: 24Ah (308Wh) 90W: 48Ah (615Wh)
Working mode	8 hours at 30% - 100% brightness when motion is detected

### Floodlights

Power	10W LED
Dimensions	640 (L) x 180 (W) x 97 (D) mm
Net weight	3.2 kg

### Applications

The series provides solar lighting for areas such as street lighting, parks and recreation areas, public areas, bus stops and shelters, car parks and perimeters, marinas and harbours and footpaths, amongst others.

