

# AE6

## Solar Street Lighting

**T**he AE6 is our brightest and most powerful solar street light, providing outstanding performance even in the winter months. Durable with a double-sided solar panel, generating more energy and featuring a black aluminium alloy reinforced chassis.

Our solar street lights are simple, quick and economical to install. Column specification in line with the applicable standards must be considered when selecting this product.

Prolectric services limited would be pleased to discuss the properties of our solar street lights, to assist you in the selection.

\*Prolectric cannot accept responsibility for your final selection or installation of the streetlights unless we agree in writing to carry out such selection or installation.



**Lighting Designs**  
 Custom lighting designs available, meeting British Lighting Standards.



**Low Cost**  
 Installation costs are halved and no on-going running costs.



**No Mains Power**  
 No need for trenches or cabling, external electricity or a DNO connection.



**5-Year Guarantee**  
 Cover on all parts of the lights and solar panel.

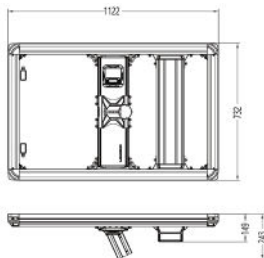


**3-PIR Sensors**  
 The only light offering detection for a wider range of motion.

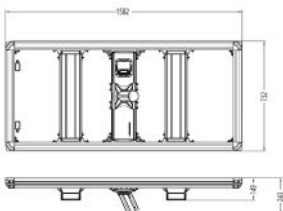
### Our customers include



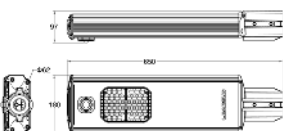
### AE6-150



### AE6-200



### RS10/20



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Up to 200W solar panel

5W - 20W LED light

LiFeP04 battery

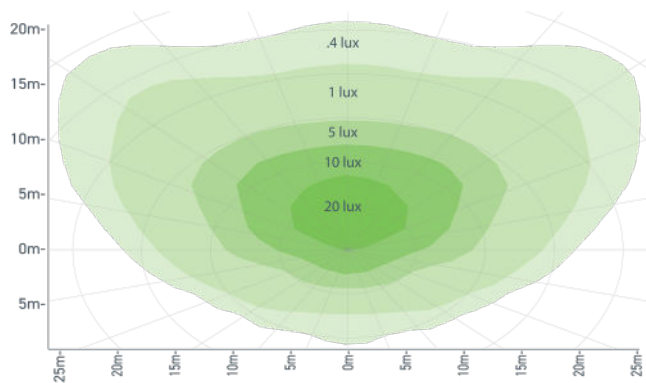
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# AE6 Solar Street Lighting

20W LED  
lamp  
with up to  
4,000  
lumens



## AE6 Light Range



AE6 Area  
1x20W Lamp  
5m Column  
22° Tilt  
.5m Outreach

20 lux to 32 sqm
10 lux to 106 sqm
5 lux to 194 sqm
1 lux to 468 sqm
.4 lux to 687 sqm



### Solar Panels

PV peak	150W or 200W
Dimensions: 150W	1122 (L) x 732 (W) x 149 (D) mm
Dimensions: 200W	1582 (L) x 732 (W) x 149 (D) mm
Net weight *Incl. Bracket	150W: 27.7 kg 200W: 39.7 kg

### Batteries

Battery specification	2x LiFePO4 lithium battery
Battery capacity	150W: 64Ah (820Wh) 200W: 96Ah (1229Wh)
Working mode	8 hours at 30% - 100% brightness when motion is detected

### Lights

Power	5W - 20W LED
Dimensions	723 (L) x 128 (W) x 177 (D) mm (3-PIR)
Net weight	3.5 kg

### Applications

The series provides solar lighting for areas such as car parks and perimeter lighting, coastal areas and slipways, security and entrance lighting, construction and industrial sites and rural and remote area lighting, amongst others.

Prolectric Services Limited advises the purchaser of this product to ensure it or a suitably qualified engineer has considered all applicable industry standards, wind loadings, suitability of the terrain where the customer intends to use this product and foundation requirements before selecting, installing and using this product.

