

# ProTemp Solar Lighting

**T**he ProTemp is a powerful and versatile solar powered light mounted on a 1189kg steel-encased concrete base with a 5.4m telescopic mast. As a standalone unit it can be easily transported to site and moved into position with a forklift.

Prolectric's solar lights offer a flexible alternative to fuel-generator lighting, with clean, silent, low-carbon operation that requires minimal maintenance. As a reliable alternative to mains-power lighting, the ProTemp dispenses with the need for a contractor and significantly saves installation costs.

The ProTemp delivers high-quality LED bright light from a single lamp, up to 3,800 lumens. It will continue reliably even through dark, winter days. There's no danger of fuel spills, no carbon emissions and no noise.

With a 150W solar panel and a 20W LED lamp, the ProTemp is designed for busy areas with higher traffic, including walkways, car parks, work sites and roads.

Every ProTemp is fitted with a smart PIR to optimise power usage in the unit. The motion detection system automatically regulates the light source from full bright to dim mode when the area is entered by a vehicle or person to increase battery autonomy and minimise light pollution.

Since 2011, Prolectric have installed thousands of solar lights globally. Our solar lights are proven to work reliably even during darker winter nights.



#### No Emissions

No fumes or greenhouse gas emissions.



#### No Refuelling

No fuel costs, spills or refuelling labour costs.



#### No Noise

Ideal for urban, residential or night time projects.



#### Minimal Maintenance

Install and forget technology.

#### Our customers include



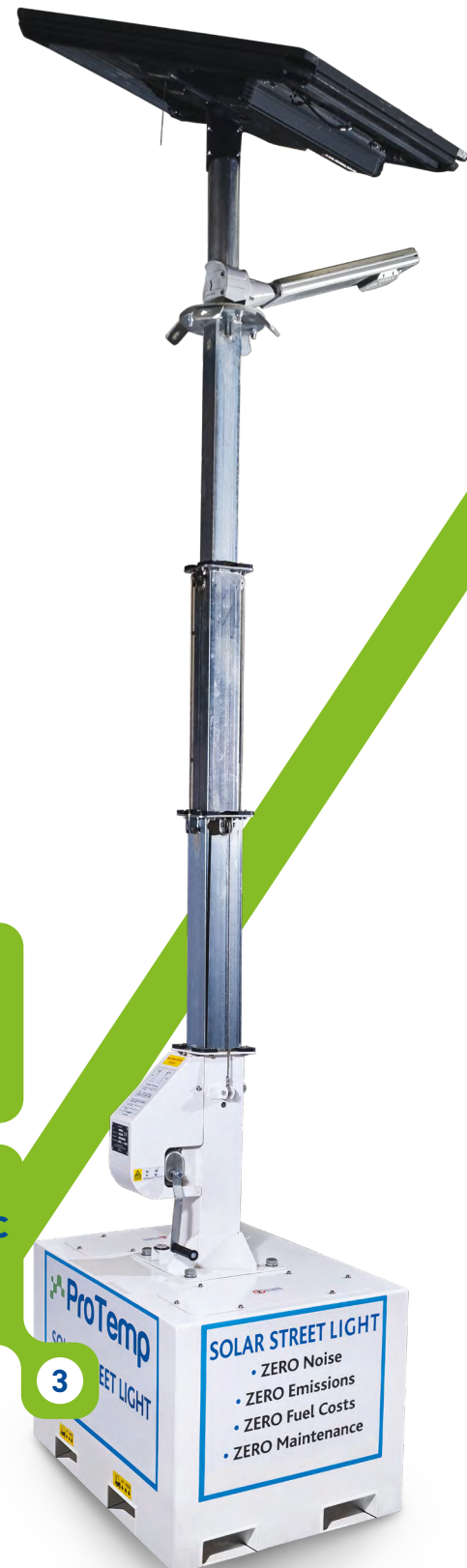
**Balfour Beatty** **SKANSKA**



**150W  
solar  
panel**

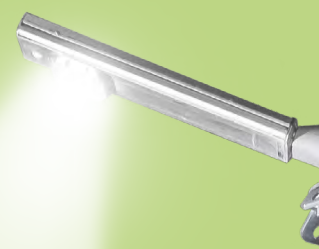
**1189kg  
steel-  
encased  
concrete  
base**

**5.4m  
telescopic  
wind-up  
mast**

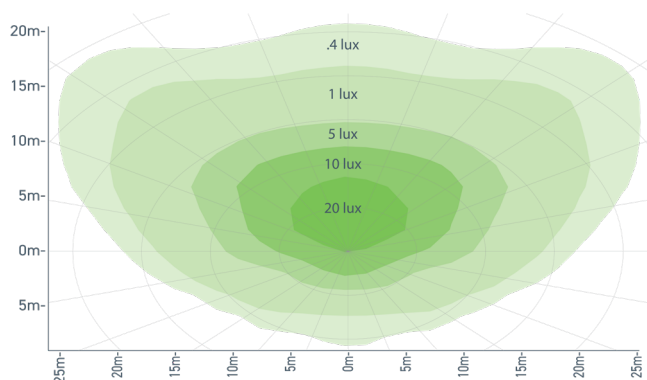


# ProTemp Solar Lighting

20W LED  
lamp  
with up to  
3,800  
lumens



## ProTemp Light Range



### ProTemp Area 1x20W Lamp

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



### General Specification

Deployed dimensions	1000 (L) x 750 (W) x 5400 (H) mm
Stowed dimensions	1000 (L) x 750 (W) x 2000 (H) mm
Net weight	1189 kg
Mast specification	Telescopic wind-up arm
Wind loading	80 km/h

### Solar Panels

PV peak	150W
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### Batteries

Battery specification	2x LiFePO4 lithium batteries
Battery capacity	64Ah (820Wh)
Expected battery recharge cycles	2,000

### Floodlights

Type	LED
Power	20W x 1

