

3-5 m Mounting
Height

18W
1440 Lm

5 Year Warranty



Parks and Open Spaces

Industrial Parks

Play Areas

Remote Public Transport Stops

Campus Environments

GUARDIAN 15

Solar Series

 **acrospire**
Products Ltd

 **GREEN FROG
SYSTEMS®**
SOLAR LIGHTING INNOVATION™



Acrospire Products are pleased to be the official UK and Eire distributor of the Guardian solar range. The Guardian lantern offers off-grid lighting solutions capable of operating all night. The lanterns are the slimmest, most integrated solar lanterns currently available in the world. The Guardian-15 offers light output to meet P class designs in one compact, robust, unit. One full charge yields up to 5 days of operation, ensuring pathways and spaces remain well-lit and secure.

Features

- 1440 Lm for wide area distribution
- Advanced power scaling
- Mono-crystalline solar panel
- Ultra slimline design
- Flexible mounting options
- PIR Integrated motion centre
- Li-ion integrated battery pack
- Battery management system
- Advanced passive cooling technology

Benefits

- An "off-grid" solution, negating the need for extensive civil works or costly connection to the main grid.
- No running costs
- Zero maintenance system
- Self adjusting light levels
- Elegant design for suburban areas
- Flexible mounting options

GUARDIAN 15
Solar Series



Product Specification

Electrical Class : Class 1
IP Rating : IP67
IK rating: IK09
Certifications: CE Marked

Lighting

Light Source: LED
LED QTY: 40
Distribution: Pathway
Wattage: 18W
CCT: 4000K - 6000K
Colour Rendering: >80
L90: 80,000 Hours (at 25 deg C Tq)
Lumen Output: 1440 Lm (@100%)
Standard Output: 100% for 30 seconds when triggered
First 3 hours - 80%
Remaining night - 25%

Power

Battery Type: Lithium Ion
Solar Power Efficiency: >17%
Options of remote energy storage available on request.

Mechanical and Installation

Tilt / Inclination: +/- 15 Degrees
Materials: Body, seals, glazing.
Body: Aluminium
Lenses: Polycarbonate.
Finish: Andonised black or silver
Mounting: 60mm Post top or side entry
Weight: 9.1 Kg

GUARDIAN 15
Solar Series

