

Solar Mains Hybrid LED Street Light

Hybrid LED Street Lighting

Runs on solar power to reduce energy running costs & carbon use with mains backup for critical lighting applications.

Reduces reliability on mains by 60—90%.

Quick & easy to install for many commercial applications:

New Build & Retrofit infrastructure, Car Parks, Schools, Parks, Cycle tracks, Recycle plants, Transportation terminals, Fly-Tipping, Ports, Perimeter & assist CCTV Security plus more.

Multi directional solar panel.

Fully automated from dusk until dawn operating all year round.

Remote control with various modes of operation to suit year-round applications.



RoHS  

Images shown are for illustration purposes only & specification is subject to change

| Item Number | | Specification |
|-------------|-------------------------|--|
| VADER2M30W | Power | 30W LED Equivalent |
| | Chipset | SMD 2835 |
| | Lumens | 4000 or 2000 Lumens (Via Remote Control selection) |
| | Solar Panel | Mono - Crystalline Silicone 50W |
| | Battery | 50Ah 3.2V LiFePo4 (insulated) |
| | CCT | 4000K / 6500K |
| | Light Distribution | 120° Beam angle |
| | Operation | Automated from dusk until dawn plus remote control options |
| | Mains Input | AC 120 - 240V 50/60Hz mains backup power (automatic) |
| | Material | Aluminium |
| | Weight | 9 Kg |
| | Rating | IP65 CE RoHS UKCA |
| | Working Temp | -20°C ~ 60°C |
| | Dimensions | Head 633 x 250mm & Panel 625 x 513 x 30mm |
| | Installation Height | 4 - 6m |
| | Install Distances | 12 - 18m |
| | Pole size \varnothing | Outreach Arm supplied fits 60 - 79mm Pole & Wall mountable |

Designed in the UK

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Please Be Aware

Not ALL solar lighting units are designed to the same exacting standards and performance as these units.

Many will look alike and in some cases may even use the same body shell but will NOT perform as well or efficiently as the VADER2M Solar Mains Hybrid range.

Multi Directional & Adjustable solar panel to maximise daylight energy absorption

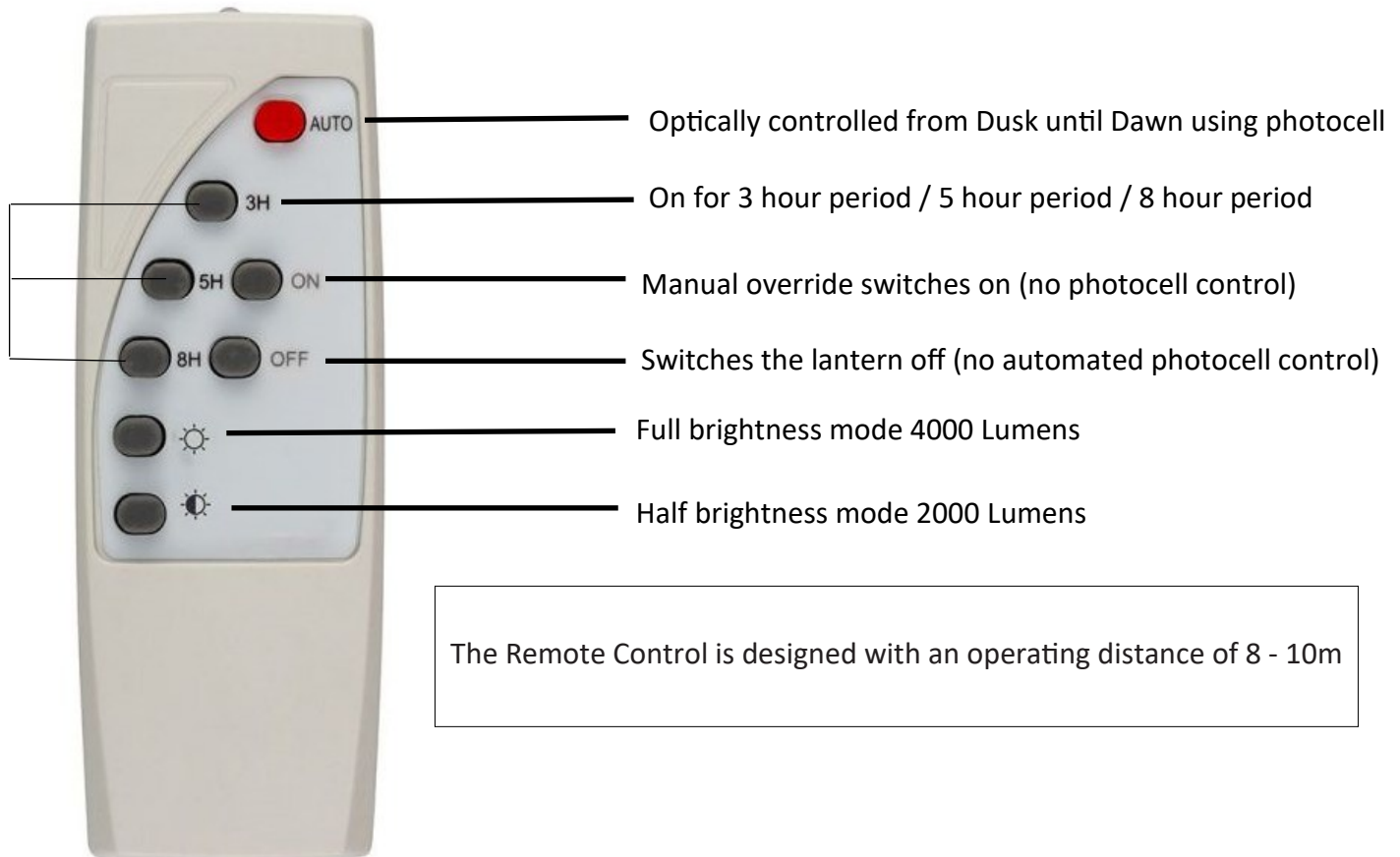
VADER2M30W

Operation

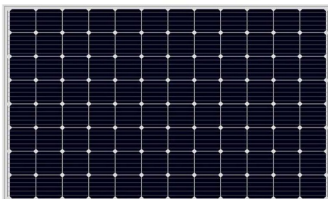
Once installed, the Solar hybrid light will automatically switch on & off at dusk / dawn.

Fully automated, the light will operate all year round. Optional mode changes are as follows.

Remote Control Functions:



The Remote Control is designed with an operating distance of 8 - 10m



Install the solar panel facing due SOUTH for maximum efficiency

Design:

If you are unsure as to which product to use or its performance within your design then please contact us. We can help you with choosing the correct product for your specific application or requirement included in our free design service to incorporate any directional or installation issues you may encounter.

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