Sun-Wizard Light Head:
- Housing and Dome…Optical Grade LEXAN SLX Polycarbonate offering 10 years without discolouration
- 2.4% Waste Up Light
- LEXAN SLX has a high impact strength and the highest UV resistance available today
- Positive Sealing. All components are enclosed in a compartment totally sealed from moisture and foreign matter (oil, dust, salt etc) using EPDM o’rings and a PTFE protection vent system
- Operating temperature -40°C to +100°C
- Weight 2.4Kg
- No Assembly required
- Maintenance: Minimal, clean with mild detergent

Solar Panel:
- 4.5W Mono
- A Grade Cells
- Vmp 5.4V
- Imp 0.83A

LED PCB:
- 6 x 5050 SMD OMD 6,500K
- Aluminium circuit board for improved heat dissipation
- Mounted in the top of the diffuser assembly for maximum on ground light, reduced glare and wasted up light
- Available in 595nm (Amber) Reptile Friendly

Battery:
- Lithium LIFePO4
- 3.3V 12Ah
- Cycles - Expected minimum 10,000
- Operating temperature -30°C to +70°C (max safe temp 100°C)
- Aluminium casing
• Modern technology  Printed circuit board designed in Australia by the manufacturer  
• Operating Temperature range -40°C to +85°C  
• Conformal coating  
• Switch mode LiFePO4 charge controller  
• MPPT PV input  
• Low voltage disconnect  

Control PCB:  
• Over voltage protection  
• Battery charge status indication, charging/full charge  
• Auto conditioning of deeply discharged cells  
• Buck Boost LED Driver for constant stable output  
• 10 switchable light settings providing global coverage with one light assembly

Light Output / Daily depth of Discharge / Autonomy ( Zero Charge)  

<table>
<thead>
<tr>
<th>SETTING</th>
<th>LUMEN</th>
<th>12Hr D.D.D.</th>
<th>AUTONOMY</th>
<th>15Hr D.D.D.</th>
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<td>12.13 days</td>
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<td>10.00 days</td>
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<td>120.90 Hrs</td>
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<td>48.80%</td>
<td>2.00 days</td>
<td>30.75 Hrs</td>
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</table>

Pole:  
• 6061 T6 Grade Aluminium  
• Unique internal strengthening ribs  
• Light head location keyways and machined socket  
• Clear 25µm Anodised or Powder Coat Finish  
• High Strength and Light Weight

Security:  
• Optional Unique KEY-REX security screw pattern licensed globally to Karmic Lighting

Sun-Wizard Photometry:
Mounting height 820mm Light Setting 4

Dealer Details:
Manufactured By KARMIC LIGHTING Pty Ltd  
3 Combarton Street  
Brendale Queensland 4500 Australia.  
Ph.+61 428 589 988  
email: ian@karmiclighting.com.au  
www.karmiclighting.com.au