SMART SOLAR STREET LIGHT

Six Competitive Advantages

- Patent Products
- IP67 CE ROHS
- Only for perfect blending with nature
- High-end configuration, 10% higher than other suppliers
- Philips Excellent LED Chip
- Modular LED
- Data Detection, Data Programming, PR intelligent sensor, Microwave Sensor (Optional)
- Monitor (Optional)
- Li Battery
- Solar Panel Slope
- Angle Adjustable (10° - 200° adjustable, unique design)

LED Module

- LED Chip: Philips LUXEON REBEL ES
- LED QTY: 9P*3W
- Rated Power: 15-30W
- Luminous Efficiency: 95-110LM/W
- CCT: 3000-6000K
- IP68

Innovative Structure

- Latest Lithium Ion Phosphate battery
- External Setting
- Easy Maintenance

Angle Adjustable

Project Case

- One third power lighting
- Full power lighting
### Illumination Data

<table>
<thead>
<tr>
<th>Power</th>
<th>3M</th>
<th>4M</th>
<th>5M</th>
<th>6M</th>
<th>7M</th>
<th>8M</th>
<th>Pole Recommended</th>
</tr>
</thead>
<tbody>
<tr>
<td>15W</td>
<td>28</td>
<td>25</td>
<td>20</td>
<td>16</td>
<td>12</td>
<td>8</td>
<td>3-5M</td>
</tr>
<tr>
<td>20W</td>
<td>35</td>
<td>31</td>
<td>25</td>
<td>19</td>
<td>15</td>
<td>11</td>
<td>4-6M</td>
</tr>
<tr>
<td>25W</td>
<td>39</td>
<td>35</td>
<td>29</td>
<td>23</td>
<td>18</td>
<td>14</td>
<td>5-7M</td>
</tr>
<tr>
<td>30W</td>
<td>44</td>
<td>39</td>
<td>34</td>
<td>27</td>
<td>23</td>
<td>18</td>
<td>6-8M</td>
</tr>
</tbody>
</table>

Smart solar street light include Li-battery, controller, and LED light, solar panel. It is more convenient for transportation and easy for installation, compared with separate solar. Smart solar street light PLT sensor makes the product more energu-saving.

<table>
<thead>
<tr>
<th>LED Lamp</th>
<th>Mono. Solar Panel</th>
<th>Lithium Battery</th>
<th>Item No.</th>
<th>Product Size (mm)</th>
<th>Package Size (mm)</th>
<th>N.W</th>
<th>G.W</th>
</tr>
</thead>
<tbody>
<tr>
<td>15W</td>
<td>15AH</td>
<td>900x430x120</td>
<td>900x430x120</td>
<td>7.8kg</td>
<td>9.7kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20W</td>
<td>20AH</td>
<td>320x300x200</td>
<td>320x300x200</td>
<td>5.6kg</td>
<td>6.3kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>25W</td>
<td>25AH</td>
<td>1050x430x120</td>
<td>1050x430x120</td>
<td>9.2kg</td>
<td>11.7kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30W</td>
<td>30AH</td>
<td>320x300x200</td>
<td>320x300x200</td>
<td>6.6kg</td>
<td>7.3kg</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Light Beam Angle:** 125°

**Color Temperature:**
- □4000k
- □5000k
- □6000k

<table>
<thead>
<tr>
<th>Luminous Flux</th>
<th>Full Power</th>
<th>Dimming</th>
<th>Full Power</th>
<th>Dimming</th>
<th>Working Time</th>
<th>Working Temperature</th>
<th>Suitable Height</th>
<th>Pole Distance</th>
<th>Pole Dia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Power</td>
<td>1500lm</td>
<td>450lm</td>
<td>&gt;12Hr</td>
<td>&gt;24Hr</td>
<td>&gt;12Hr</td>
<td>-20C to +60C</td>
<td>3-5m</td>
<td>8-10m</td>
<td>80±89m</td>
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<tr>
<td>Dimming</td>
<td>2000lm</td>
<td>600lm</td>
<td>&gt;12Hr</td>
<td>&gt;24Hr</td>
<td>&gt;12Hr</td>
<td></td>
<td>4-6m</td>
<td>10-12m</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2500lm</td>
<td>750lm</td>
<td>&gt;12Hr</td>
<td>&gt;24Hr</td>
<td>&gt;12Hr</td>
<td></td>
<td>5-7m</td>
<td>12-14m</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3000lm</td>
<td>900lm</td>
<td>&gt;12Hr</td>
<td>&gt;24Hr</td>
<td>&gt;12Hr</td>
<td></td>
<td>6-8m</td>
<td>14-16m</td>
<td></td>
</tr>
</tbody>
</table>

**Installation method**

1) Installation place: without shadow from buildings, trees, etc.
2) Pole: height 4-8m, top diameter 89±1mm, ≥3mm in steel material

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