EAGLE SOLAR SERIES
COMMERCIAL ALL IN ONE SOLAR LED LIGHT

APPLICATION
Carparks, Pathways, Mining, Rural, Marinas, Construction Sites.

MICROWAVE MOTION SENSOR
SOLAR PANEL
DAYLIGHT SENSOR
TIME CONTROL
LiFePO4 BATTERY
REMOTE CONTROL
FLEXIBLE HEAD
ZERO MAINTENANCE
INGRESS PROTECTION
YEAR FULL WARRANTY*
**EAGLE SOLAR SERIES**

**COMMERCIAL ALL IN ONE SOLAR LED LIGHT**

**LIGHTING TECHNICAL INFO**

**Light Source:** Nichia SMD  
**Lumen Output:** 2100/5500/7500 Lms  
**CRI:** >70  
**CCT:** 5000 K  
**Luminaire Efficacy:** >170 Lm/W  
**Beam Angle:** 75˚ x 145˚ IES Type III

**INSTALLATION**

**Maximum Pole Height:** 6m (20), 10m (55), 12m (70)  
**Space between Poles:** Max 25m (20), 30m (55), 35m (75)  
**Housing Colour:** Grey  
**Sensing Distance:** Max 15m

**ENVIRONMENTAL**

**IP Rating:** IP66  
**Impact Rating:** IK08  
**Ambient Temperature Range:** -30 degree °C - +60 °C  
**Material Composition (Body):** Die Cast Aluminium  
**Material Composition (Solar):** Monocrystalline silicon  
**Material Composition (Lens):** Polycarbonate  
**Expected Lifespan:** >75,000 hours @ L70

**ELECTRICAL**

**Panel Wattage:** 30/75/120 watts  
**Battery Rating:** 205WH, 410WH, 538WH, LiFeP04  
**Battery lifespan:** >2000 full cycle charges  
**Operating Hours:** Intelligent mode 4-5 days  
**Battery Charging Time:** 8 hrs (direct sunlight)

**CONTROLS**

- Photoelectric Cell (PE)  
- Integrated microwave motion sensor with programmable output  
- MPPT Controller

**ACCESSORIES**

- Standard Slipfit Mount  
- Eagle Series Remote Control (IQ-EAGLE-RC)  
- Other Mounting Accessories available

**ORDER CODES**

<table>
<thead>
<tr>
<th>Model</th>
<th>Lumens</th>
<th>Light Colour</th>
<th>Weight</th>
<th>Dimensions</th>
<th>Battery Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>iQ-EAGLE20</td>
<td>2,100 Lms</td>
<td>5000 K</td>
<td>10 Kg</td>
<td>677 x 367 x 50mm</td>
<td>9.9Ah*12.8V=127WH</td>
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<tr>
<td>iQ-EAGLE55</td>
<td>5,500 Lms</td>
<td>5000 K</td>
<td>17 Kg</td>
<td>1063 x 526 x 50mm</td>
<td>26.4Ah*12.8V=338WH</td>
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<tr>
<td>iQ-EAGLE75SPL</td>
<td>7,500 Lms</td>
<td>5000 K</td>
<td>23.5 kg</td>
<td>Split System</td>
<td>25.2Ah*12.8V=322WH</td>
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</tbody>
</table>

**CONTACT US**

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Technical Data sheets available on request. Model appearance may vary.  
May 2019 Specifications are subject to change without prior notice.