

LED Solar warning light

Innovation comes from specialty



Proprietary, patented dome design keeps birds, dust off, 4Cm spikes on top optional

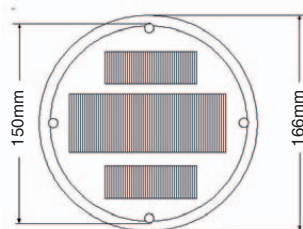
Uses high-intensity LEDs No bulbs replacement

Polycarbonate lens is virtually indestructable

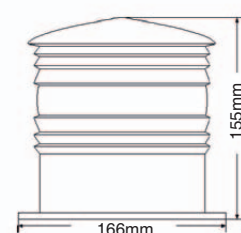
Ni-Mh batteries interchangeable after 4 years

Installs in minutes using 4 bolts or screws on frangible base

Top view



Side view

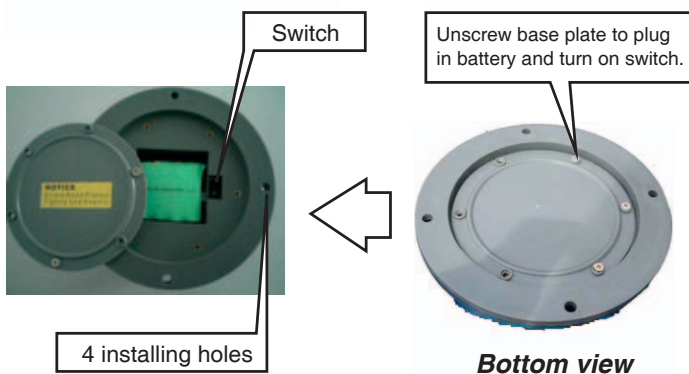


Marine Applications

1. Marine floating signs; waterfront safety lighting;
2. Mooring & researching buoys; small safety buoys
3. Private docks, boat houses swim rafts and so on
4. Sea ports warning
5. Aquaculture, i.e Aquafarm, fishery
6. Navigation for ships with 256 Flashing Codes

Airfield Applications

1. Runways lighting; Taxiways lighting
2. Runways edge lighting
3. Helipad edge lighting
4. Threshold lighting



Marker Applications

1. Barricade markers
2. Security markers
3. Flag markers
4. Emergency and portable lighting

ISO 9001:2008 CE

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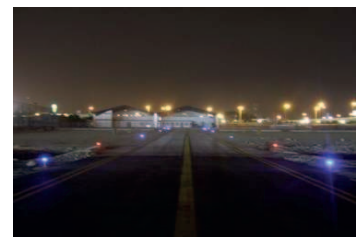
Features & Benefits

1. Available in blue, red amber, white and green.
2. Can be ordered in steady-on or flash patterns
3. Automatically turns on at dusk and off at dawn
4. Completely self-contained and watertight. Designed to operate reliably in harshest of environmental and work conditions.
5. Polycarbonate lens is virtually indestructible
6. Will charge under nearly all weather conditions and up to 300 hours of operating capacity from a full charge.
7. Manufactured to ISO9001:2008 Quality Assurance standards .
8. Proprietary, patented dome protects solar panel while improving efficiency, sheds snow.
9. Installation takes minutes and requires minimal technical expertise

Specifications

Model	WL-301	WL-302/ WL-303 Flahing codes
Light output effective Intensity	Steady on	Flashing
Green	6.5~7.5 candela	10.4~12.0 candela
Blue	3.0~4.0 candela	5.4~7.2 candela
Amber and white	7.5~10.0 candela	12.0~16.0 candela
Red	5.0~7.5 candela	8.0~1 2.0 candela
Nominal Night Range	4.3 Km	6.3 Km
Vertical Divergence	±3.5° at 50% intensity	✓
Horizontal Output	360°	✓
Operation		
Minimum Autonomy	120 Hours	300 Hours
Latitude Range	55°S to 55°N	✓
On/Off Level	60/100 Lux	✓
Lifespan of LEDS	up to 100,000 Hours	✓
Solar panels		
Type	mono-crystalline	✓
Potted with UV-protected	✓	✓
Polyurethane and doomed for higher efficiency	✓	✓
Maximum Power	1.1 Watts	✓
Efficiency	16%	✓
Battery		
Type	Nickel-Hydrogen replaceable	✓
Capacity	5.0mAh	✓
Construction		
Lens Material	Polycarbonate	✓
Sealing	Self-contained unit, potted with polyurethane	✓
Weight	0.9 Kg	✓
Environmental and Electrical		
Temperature Range	- 40°C to +60°C	✓
Waterproof	IP67	✓
Quality control and Patents		
Quality Assurance	ISO9001:2008	✓
CE Report No:	CTR090817073E	✓
Patents (Chinese)	02224444.1&200430015589.3	✓

*All the specifications are rough and subject to change without notice.



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