

## DWS 302 Solar-powered Warning Light

The products are the most advanced solar-powered LED Light and ideal for all types of permanent or temporary lighting or warning application. It installs in minutes and requires no maintenance or servicing for up to five years.

### Features & Benefits

- Available in blue, red, amber , white and green.
- Can be ordered in flash patterns.
- Automatically turns on at dusk and off at dawn
- Completely self-contained and watertight. Designed to operate reliably in harshest of environmental and work conditions.
- Polycarbonate lens is virtually indestructible
- Will charge under nearly all weather conditions and up to 140 hours of operating capacity from a full charge.
- Manufactured to ISO9001:2000 Quality Assurance standards .
  - Proprietary, patented dome protects solar panel while improving efficiency, sheds snow.

### Typical Applications

- ★ Flag markers
- ★ Yard lighting or safety marker
- ★ Barricade markers
- ★ Out building markers
- ★ Security lighting
- ★ Temporary facility markers
- ★ Lighting in the side of roads or rivers
- ★ Solar pharos
- ★ Navigation buoy
- ★ Air navigation
- ★ Apron edge lighting

### SIZE

### SPECIFICATIONS

#### Light Output

Effective Intensity

	FLASHING
Green	10.4~12.0 candela
Blue	5.4~7.2 candela
Amber and white	12.0~16.0 candela
Red	8.0~12.0 candela

Nominal Night Range	3.1km ~5km
Vertical Divergence	±3.5° at 50% intensity
Horizontal Output	360°
<b>Operation</b>	
Minimum Autonomy	140Hours
Latitude Range	55° S to 55° N
On/Off Level	60/100 Lux
Lifespan of LEDS	up to 100,000 Hours
<b>Solar panels</b>	
Type	poly-crystalline Potted with UV-protected Polyurethane and doomed for higher efficiency
Maximum Power	1.1 watts
Efficiency	14%
<b>Battery</b>	
Type	Nickel-Hydrogen replaceable
Capacity	4.6Ah
<b>Construction</b>	
Lens Material	Polycarbonate
Sealing	Self-contained unit, potted with polyurethane
Weight	0.9kg
<b>Environmental and Electrical</b>	
Temperature Range	-40°C to +60°C
Waterproof	as per IP67
<b>Quality control and Patents</b>	
Quality Assurance	ISO9001:2000
Patents	Chinese patents: 02224444.1 and 200430015589.3 Other patents pending

**\*ALL THE SPECIFICATIONS ARE ROUGH AND SUBJECT TO CHANGE WITHOUT NOTICE**