

DWS 301 **Solar-powered Airport 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 **steady**□**on** 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 70 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

- ★ **Airport**□**Fields**
- ★ Taxiways□at□Airports
- ★ Runways□at□Airports
- ★ Thresholds□lighting□

SIZE

SPECIFICATIONS

Light Output

Effective Intensity

Green
Blue
Amber and white
Red

steady□on

6.5~7.5□candela
3.0~4.0□candela□
7.5~10.0□candela
5.0~7.5□candela

Nominal Night Range	3 km
Vertical Divergence	$\pm 3.5^\circ$ at 50% intensity
Horizontal Output	360°
Operation	
Minimum Autonomy	70Hours
Latitude Range	55° S to 55° N
On/Off Level	60/100 Lux
Lifespan of LEDS	up to 100,000 Hours
Solar panels	
Type	poly-crystalline Potted with UV-protected Polyurethane and doomed for higher efficiency
Maximum Power	1.1 watts
Efficiency	14%
Battery	
Type	Nickel-Hydrogen replaceable
Capacity	4.6Ah
Construction	
Lens Material	Polycarbonate
Sealing	Self-contained unit, potted with polyurethane
Weight	0.9kg
Environmental and Electrical	
Temperature Range	-40°C to +60°C
Waterproof	as per IP67
Quality control and Patents	
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**