



CANADA SIGNAL COMPANY INC.

CSC500 - SOLAR WARNING LIGHT

Basic model

- DWS501: 16LEDs, Steady on
- DWS502: 32LEDs, Flashing at 40 times/min

Marine Applications

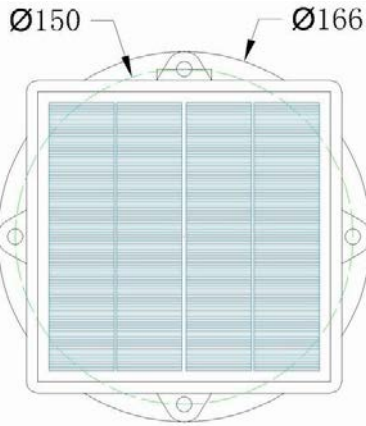
1. Aid to Marine Navigation (AtoN light)
2. Marine floating signs; waterfront safety lighting;
3. Mooring and researching buoys; small safety buoys
4. Private docks, boat houses swim rafts and so on
5. Aquaculture, i.e Aquafarm, fisheries
6. Navigation for ships with 256 Flashing Codes

Aviation Obstruction Applications

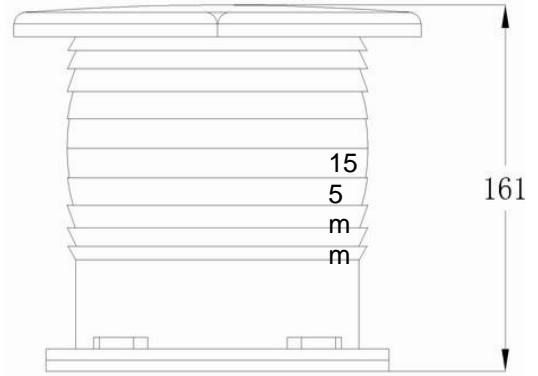
1. Runways lighting; Taxiways lighting
2. Aviation obstruction
3. Helipad edge lighting
4. Threshold lighting

Marker Applications

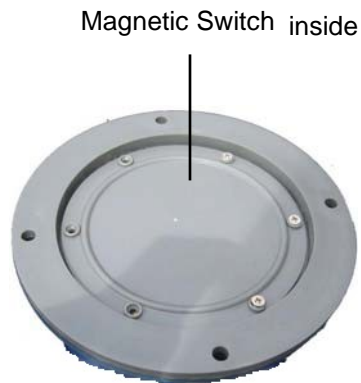
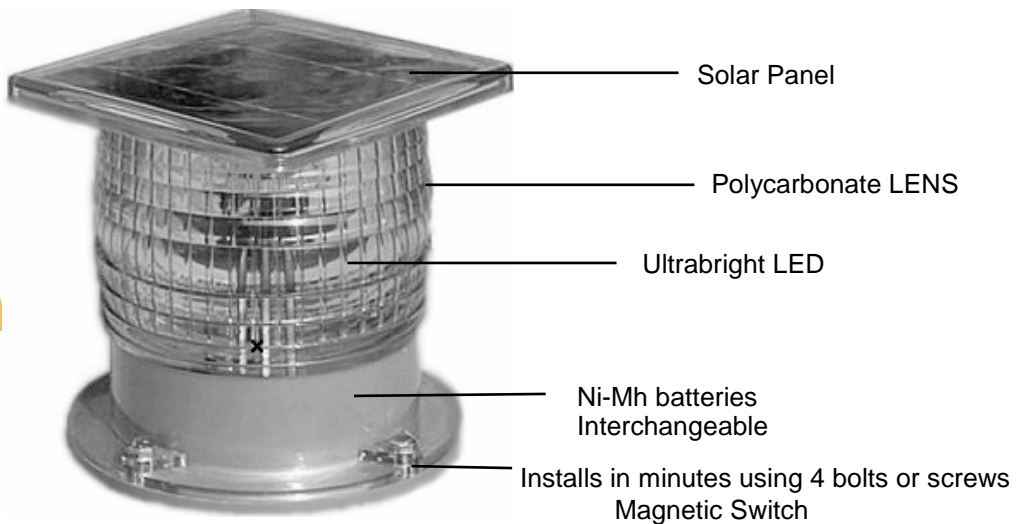
1. Barricade markers
2. Security markers
3. Flag markers
4. Emergency and portable lighting
5. Mine Marker System



Top view



Side view



Bottom view



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www.canadasignal.ca

CSC-500 SOLAR WARNING LIGHT

Features & Benefits

1. Available in blue, red, amber, white and green.
2. Can be ordered in steady-on or flash pattern
3. Automatically turns on at dusk and off at dawn
4. Completely self-contained and watertight. Designed to operate reliability in harshest environments conditions
5. Polycarbonate lens is virtually indestructible.
6. Will charge under nearly all Weather conditions and up to 140 hours of operating capacity from a full charge
7. Proprietary dome protects solar panel improving efficiency and improved shedding of snow dust.
8. Installation takes minutes and requires minimal technical experience

LIGHT OUTPUT	DWS502 Effective Intensity	FLASHING	STEADY ON	DWS501
White		26~38 candela	25~30 candela	
Blue		25~27 candela	25~26 candela	
Amber and Red		26~36 candela	25~28 candela	
Green		25~27 candela	25~29 candela	
Nominal Night Range		6.3-12.6km	4.5-8.1km	
Vertical Divergence		±3.5° at 50% intensity		
Horizontal Output		360°		
Latitude Range		60°S to 60°N		
On/Off Level		60/100 Lux		
Lifespan of LEDS		up to		
100,000 Hours Solar Panels		mono-crystalline		
Type				
Potted with UV-protected Polyurethane and doomed for higher efficiency				
Maximum Power				
2.7 watts				
Efficiency		16%		
Switch	Magnetic Switch			
Remote controller (Semi-dia 1000m)				
Battery Type:		Nickel-Hydrogen replaceable		
		Capacity 5.0Ah		
Construction				
Lens Material		Polycarbonate		
Sealing		Self-contained unit, potted with polyurethane		
Weight		1.5kg		
Temperature Range		- 45 C to +60 C		
Waterproof as per IP67				