

## Solar-Powered Obstruction Light



- > Integrated solar/battery system
- > IP68 Rating
- > High-Performance LED with aviation optic
- > 8 Ah rechargeable battery
- > User-replaceable battery

### Typical Application



### FAA Construction & Barricade Lighting

The DWT-AV-60 solar LED light provides up to 5.7km visible range (flashing).

The positive divergence, wide angle lens makes it suitable for a variety of applications including taxiway, general hazard, barricade and low-intensity obstruction lighting.

Designed to be maintenance-free and have a service life of up to 12 years, the popular AV-60 model boasts user-adjustable intensity settings and can be set onsite to either steady-on or flashing operation. The battery is housed in a sealed compartment allowing it to be changed after years of service.

The light is simply switched 'ON', and the unit is ready for immediate operation. Once installed, the AV-60 requires no operator intervention.

The internal solar module charges the battery during daylight hours, and at dusk the light will automatically

- Available Option:**
- ✓ External On-/Off Switch
  - ✓ IR LED

### MECHANICAL CHARACTERISTICS

<b>Material</b>	LEXAN® Polycarbonate, UV stabilized
<b>Dimensions</b>	
Width	231 mm
Height	120 mm
Diameter Optic	140 mm
<b>Weight</b>	1,1 kg
<b>Mounting</b>	6 x 17 mm on 200 mm bolt pattern
<b>Temperature Range</b>	- 40 to + 80 °C

### OPTICAL CHARACTERISTICS

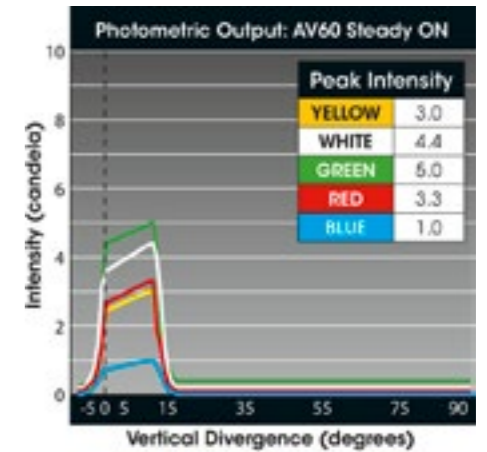
<b>Light Source</b>	6 High-Power LEDs
<b>Light Colors</b>	<ul style="list-style-type: none"> <li>◦ Red</li> <li>◦ Green</li> <li>◦ White</li> <li>◦ Yellow</li> <li>◦ Amber</li> <li>◦ Blue</li> </ul>
<b>Flash Pattern</b>	> 250 incl. steady on
<b>Intensity Adjustments</b>	25%, 50%, 75%, 100%

### ELECTRICAL CHARACTERISTICS

<b>Operating Voltage</b>	3,6 V
<b>Battery Capacity</b>	8 Ah, NiMH-Battery
<b>Solarpanel</b>	
Typ	Multicrystalline
Power	1,4 W
Efficiency	14 %
Charging Regulation	Mikroprocessor
<b>Autonomy</b>	
Steady On	20 Nights
Flashing	40 Nights

Intensity setting subject to solar availability

### PHOTOMETRY



Steady ON, low intensity, wide angle lens

### DIMENSIONS

