

SPECIFICATIONS • * AV-OL-60

Light Characteristics

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|---------------------------------|--|
| Light Source | 1 LED |
| Available colors | Red as standard. Other colors available on request, including IR |
| Peak Intensity (cd)† | 10 |
| Horizontal Output (degrees) | 360 |
| Available Flash Characteristics | >250 including steady-on (user-adjustable) |
| Intensity Adjustments | Low: 25% Medium: 50% High: 100% |
| LED Life Expectancy (hours) | >100,000 |

Electrical Characteristics

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|-----------------------|------------------------|
| Operating Voltage (V) | 3.6 |
| Power (W) | @ 100% intensity: 0.2W |
| Temperature Range | -40 to 80°C |

Solar Characteristics

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|---------------------|---------------------------|
| Solar Module Type | Multicrystalline |
| Output (watts) | 1.4 |
| Charging Regulation | Microprocessor controlled |

Power Supply

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|-----------------------|--|
| Battery Type | High grade NiMH – Environmentally friendly |
| Battery Capacity (Ah) | 8 |
| Nominal Voltage (V) | 3.6 |
| Autonomy (nights) | Steady-on: 8Ah = 12 nights 16Ah (optional) = 24 nights |

Physical Characteristics

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|---------------------------|--|
| Body Material | LEXAN® Polycarbonate – UV stabilized |
| Lens Material | LEXAN® Polycarbonate – UV stabilized |
| Lens Diameter (mm/inches) | 140 / 5½ |
| Lens Design | External optics with interior flute design |
| Mounting | 6 x 17mm holes on 200mm PCD |
| Height (mm/inches) | 120 / 4¾ |
| Width (mm/inches) | 231 / 9 1/8 |
| Mass (kg/lbs) | 1.1 / 2 3/8 |
| Product Life Expectancy | 12 years plus |

Environmental Factors

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|------------|--|
| Humidity | 0 to 100%, MIL-STD-810F |
| Icing | 3.41 kg per square cm / 48.5 lbs per square inch |
| Wind Speed | Up to 160kph / 100mph |
| Shock | MIL-STD-202G, Test Condition G, Method 213B |
| Vibration | MIL-STD202G, Test Condition B, Method 204 |

Certifications

| | |
|-------------------|------------------------------------|
| CE | EN61000-6-3:2007. EN61000-6-1:2007 |
| Quality Assurance | ISO9001:2008 |
| Waterproof | IP68 |

Intellectual Property

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|------------|---|
| Patents | US Pat. No. 6,667,582. AU Pat. No. 778,918 |
| Trademarks | AVLITE® is a registered trademark of Avlite Systems |

Warranty *

3 year warranty

Options Available

- IR LEDs
- External ON/OFF Switch
- External Battery Charging Port
- 16Ah battery
- Solar Booster™

