

The AV125 is a low intensity LED obstruction light designed to meet the requirements of ICAO for towers between 45m and 105m. The lantern offers a cost-effective, maintenance-free approach to obstruction marking.

The light uses 36 ultra-high intensity LEDs as a light source and has an output of >35cd. In addition, the unit utilises an LED 360 degree reflector (U.S. Pat. No. 6,667,582) increasing the intensity and uniformity of the horizontal output.

The AV125 will provide years of zero-maintenance service and are available in 12v, 24v, 48v, 110v or 240v.



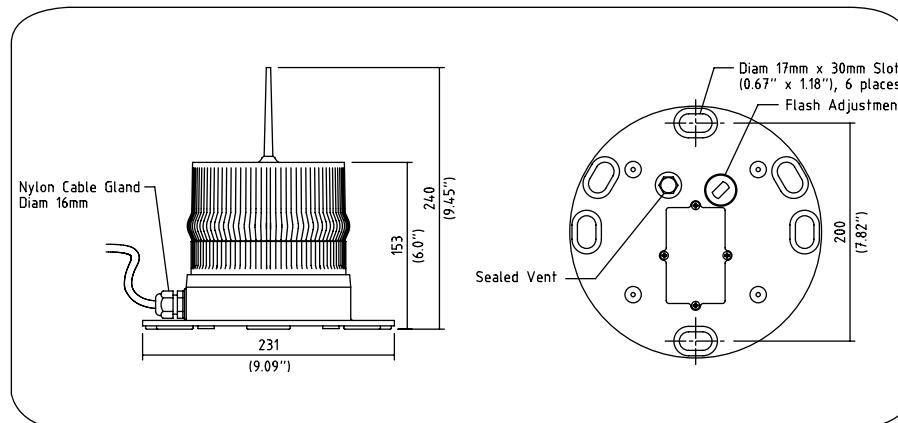
AV125-GPS

Utilising latest developments in GPS technology, Avlite are proud to offer the AV125-GPS. Incorporating an internal synchronisation system, the AV125-GPS provides an innovative solution to clearly distinguish security barriers and perimeters, particularly when challenged with overcoming distracting background lighting.

Each light operates independently and requires no operator intervention, and when set to the same flash characteristic as the other lights, flashes in sequence (blinking at the same time, or can flash along the line of the group of lights).



AV125 Series Solar Obstruction Lighting



SPECIFICATIONS •

Light Characteristics

| | |
|---------------------|------------------------------|
| Light Source | 36 ultra-high intensity LEDs |
| Flash Color | Red |
| Intensity | 40cd |
| Horizontal Output | 360 degrees |
| Vertical Divergence | 9 degrees |
| Flash Settings | Steady-on |
| Lamp Life | 100,000 hours |

Electrical Characteristics

| | |
|--------------------|--|
| Current Draw | 420mA |
| Circuit Protection | Polarity protected |
| Operating Voltage | 12v, 24v, 48v, 110v, 240v (solar option available) |

Physical Characteristics

| | |
|--------------------|---|
| Body Material | U.V. stabilised polycarbonate |
| Lense Material | U.V. stabilised / optical grade polycarbonate |
| Mounting | 200mm OD bolt pattern |
| Height (cm/inches) | 24/9.45 |
| Width (cm/inches) | 23.1/9.09 |
| Mass (Kg/lbs) | 1.1/2.3 |

Certifications

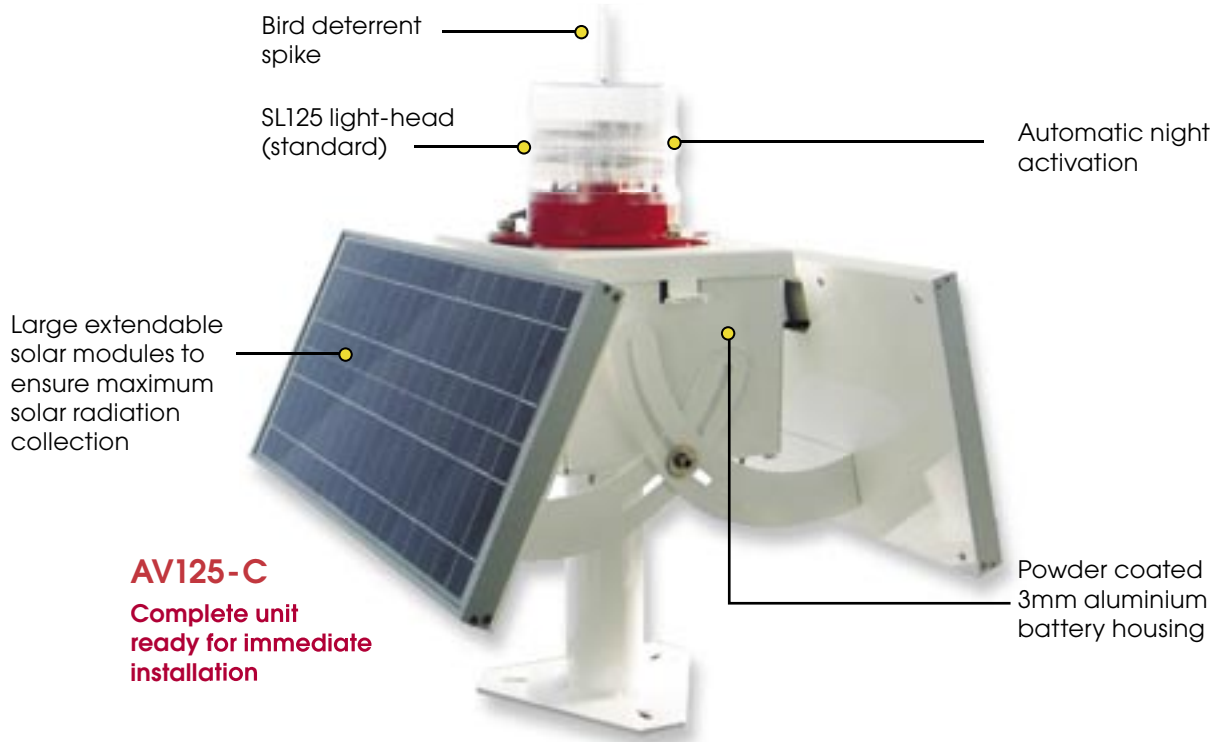
| | |
|-------------------|------------------------------------|
| CE | EN61000-6-3:1997, EN61000-6-1:1997 |
| Quality Assurance | ISO9001:2000 |
| Waterproof | IP68 |

Intellectual Property

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



• Specifications subject to change or variation without notice



Avlite's AV125-C complete lantern assembly provides a total solution for all obstruction, hazard, perimeter and general lighting needs.

The unit is equipped with a standard AV125 light-head, and uses 36 ultra-high intensity LEDs as a light source. The solar modules charge the battery during daylight hours, and the light automatically begins operation on dusk- once the ambient light threshold drops sufficiently.

The AV125-C is available in a variety of configurations to suit a range of installations and intensity settings, and ensures years of maintenance-free reliable service.

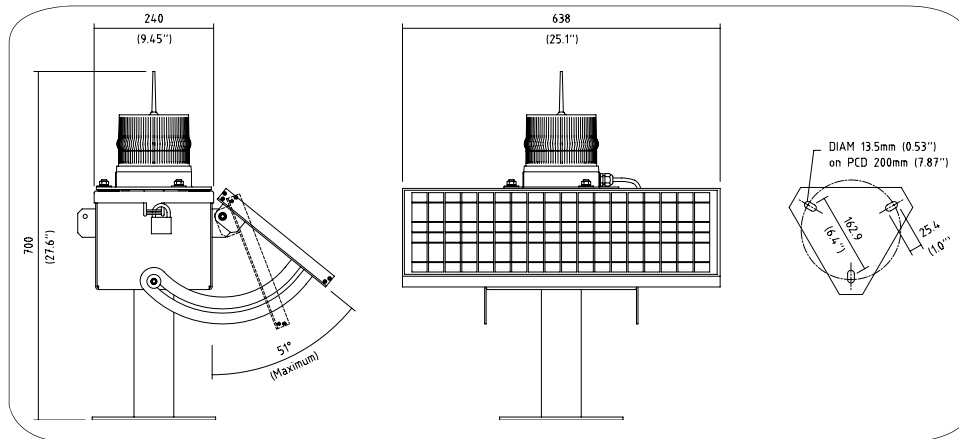


AV125-C-GPS installations in Victoria, Australia.



AV125-C installed in Angola for boundary marking.

AV125 Series Solar Obstruction Lighting



SPECIFICATIONS •

Light Characteristics

| | |
|---------------------|--|
| Light Source | 36 ultra-high intensity LEDs |
| Flash Color | Red |
| Horizontal Output | 360 degrees |
| Vertical Divergence | 9 degrees |
| Flash Settings | Available in a variety of flash settings including steady-on |
| Lamp Life | 100,000 hours |

Electrical Characteristics

| | |
|--------------------|--------------------|
| Current Draw | 420mA |
| Circuit Protection | Polarity protected |
| Operating Voltage | 12v |
| Autonomy | >15 days |

Solar

| | |
|-------------------|------------------|
| Solar Module Type | Multicrystalline |
| Output | 20watt |

Power Supply

| | |
|------------------|------------------------|
| Battery Type | SLA (Sealed Lead Acid) |
| Battery Capacity | 24Ah |
| Battery Voltage | 12v |

Physical Characteristics

| | |
|--------------------|---|
| Body Material | 7-stage powder coated 3mm aluminium |
| Lense Material | U.V. stabilised / optical grade polycarbonate |
| Mounting | Industry standard mounting |
| Height (cm/inches) | 70/27.6 |
| Width (cm/inches) | 63.8/25.1 |
| Mass (Kg/lbs) | 16/35.2 |

Certifications

| | |
|-------------------|--|
| CE | EN61000-6-3:1997, EN61000-6-1:1997 |
| Quality Assurance | ISO9001:2000 |
| Waterproof | IP68 light-head. IP67 battery compartment. |

Intellectual Property

| | |
|------------|---|
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