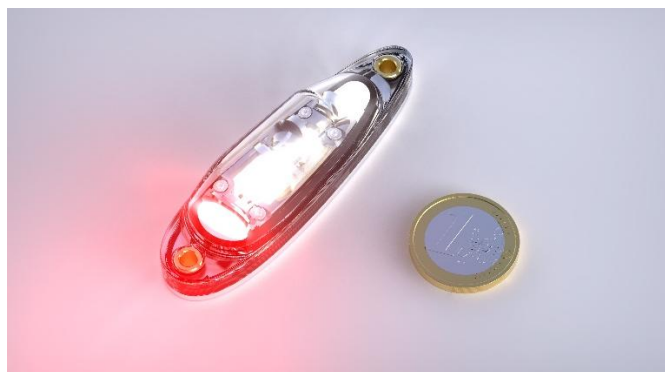


# DroneV NXT™

### Navigation / Strobe / Position LED light

**Red LEDs P/N: AVE-DVXTPNSYR-D01**

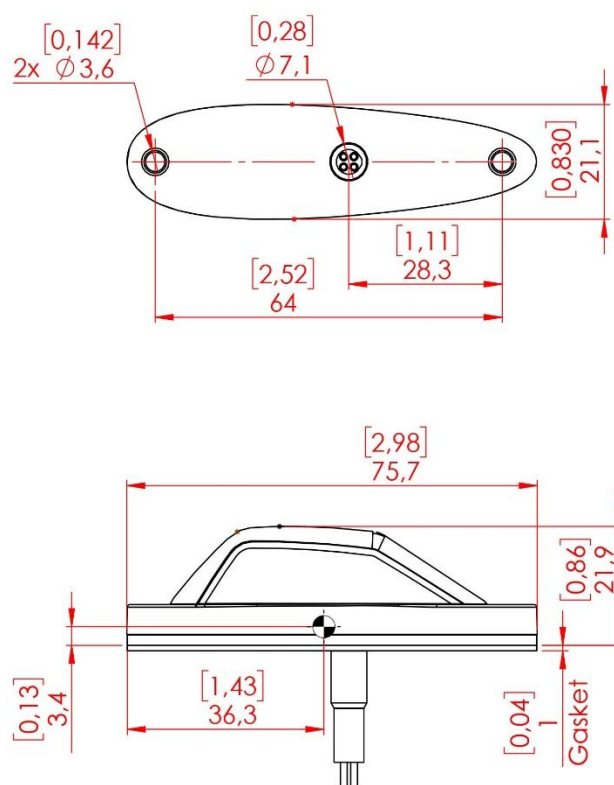
**Green LEDs P/N: AVE-DVXTPNSYG-D01**



## Specification

<b>Dimensions (mm):</b>	75.7 mm x 21.1 mm x 21.9 mm
<b>Dimensions (inches):</b>	2.98 " x 0.83 " x 0.86"
<b>Weight:</b>	30 g / 1.06 oz
<b>Operating Voltage Range:</b>	9– 36 VDC
<b>Input Current – Nav / Position:</b>	0.13 A @14V 0.08 A @28V
<b>Input Current - Strobe (peak):</b>	0.74 A @14V 0.42 A @28V
<b>Input Power - Nav/Position:</b>	1.82 W @14V 2.24 W @28V
<b>Input Power - Strobe (peak):</b>	10.36 W @14V 11.76 W @28V
<b>Recommended size of mounting screw:</b>	M3x16 / DIN 7984 or # 6-32x5/8" Low-Profile SHCS
<b>Torque requirement for screw:</b>	1.0 Nm for M3x16 / DIN 7984 8.85 in-lb for # 6-32x5/8"
<b>Transient Voltage:</b>	90V/1s max
<b>Over-Voltage Protection:</b>	Yes
<b>Reverse Polarity Protection:</b>	Yes
<b>Waterproof, Dust-proof, Vibration-proof:</b>	Yes

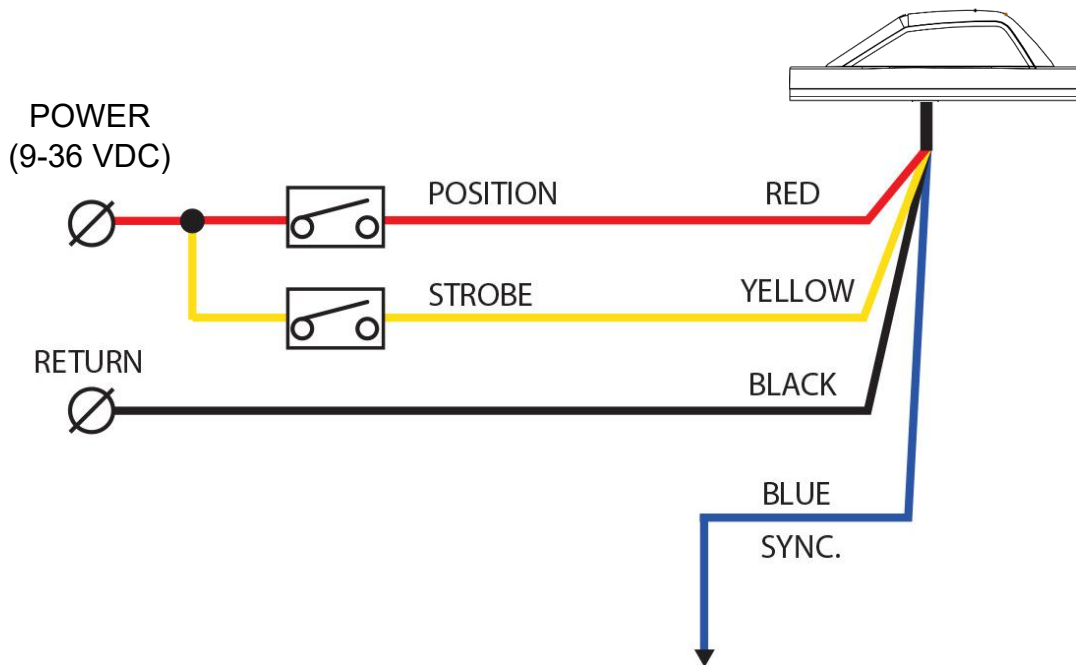
## Drawing



Dimensions in mm / inches

**NOT APPROVED FOR INSTALLATION ON CERTIFIED AIRCRAFT  
THIS IS NOT A TSO/ETSO CERTIFIED LIGHT**

## Wiring Diagram



Wire length from base of unit 254 mm [10.00 inch] min.

<b>RED</b>	- VCC - AWG 22, Positive power supply line for steady
<b>YELLOW</b>	- VCC - AWG 22, Positive power supply line for strobe
<b>BLACK</b>	- GND - AWG 22, Common negative power supply line
<b>BLUE</b>	- SYNC - AWG 22, Synchronization line

### Note:

- No external power supply or strobe unit
- Light synchronization feature - Connecting the blue wires from each Aveo light together (and not to the ground or positive terminals on the battery) should make that the lights are flashing together
- All lights with common SYNC must be powered.