

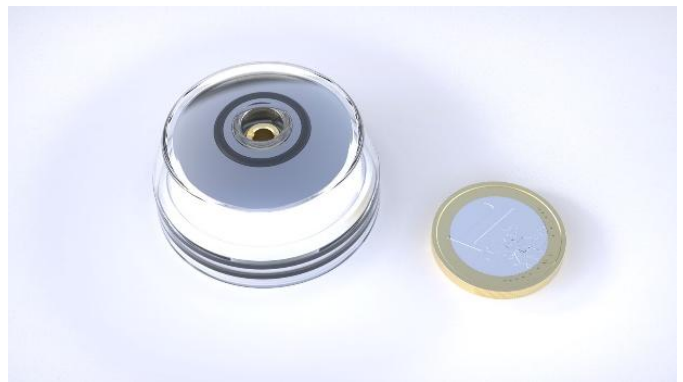
# Supernova DV NXT™

Anticollision LED light (White or Red or Green)

Red LEDs P/N: AVE-SDVXACYR-D01

White LEDs P/N: AVE-SDVXACYW-D01

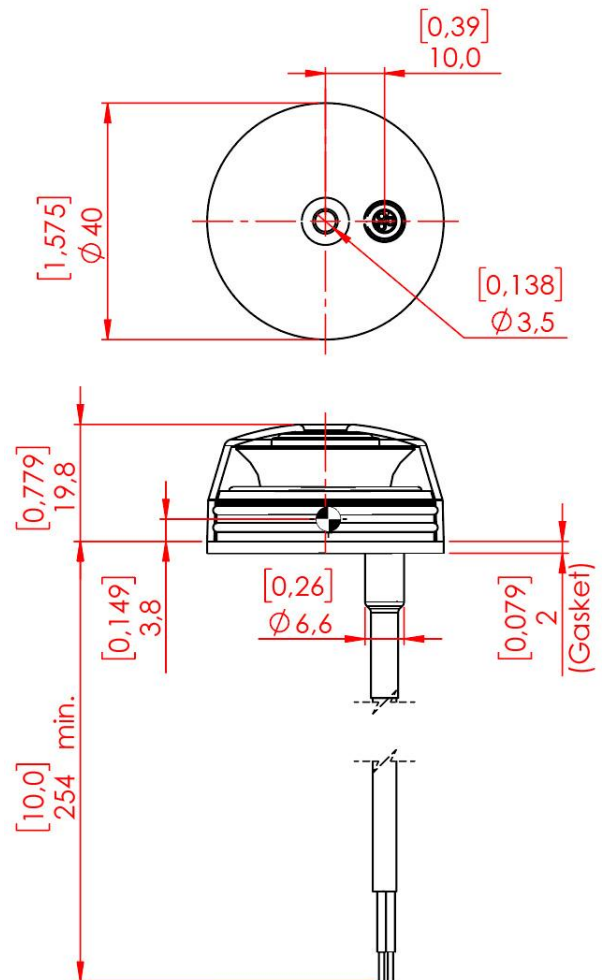
Green LEDs P/N: AVE-SDVXACYG-D01



## Specification

Dimensions (mm):	40 mm x 40 mm x 19.8 mm
Dimensions (inches):	1,575 " x 1,575 " x 0.78"
Weight:	30g / 1.06oz
Operating Voltage Range:	9– 36 VDC
Input Current (peak)	
White and Green:	0.75 A @14V, 0.45 A @28V
Red:	0.85 A @14V, 0.50 A @28V
Input Power (peak)	
White and Green:	10.5 W @14V, 12.6 W @28V
Red:	11.9 W @14V, 14 W @28V
Repetition Rate of Strobe:	50 cycles per minute
Ambient Temperature:	from -55°C to +85°C from -67°F to +185°F
Overheat Protection:	Yes (+85°C / +185°F)
Reverse Polarity Protection:	Yes
Transient Voltage:	39V max
Under-Voltage Protection:	Yes
Waterproof, Dust-proof, Vibration-proof:	Yes

## Drawing



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

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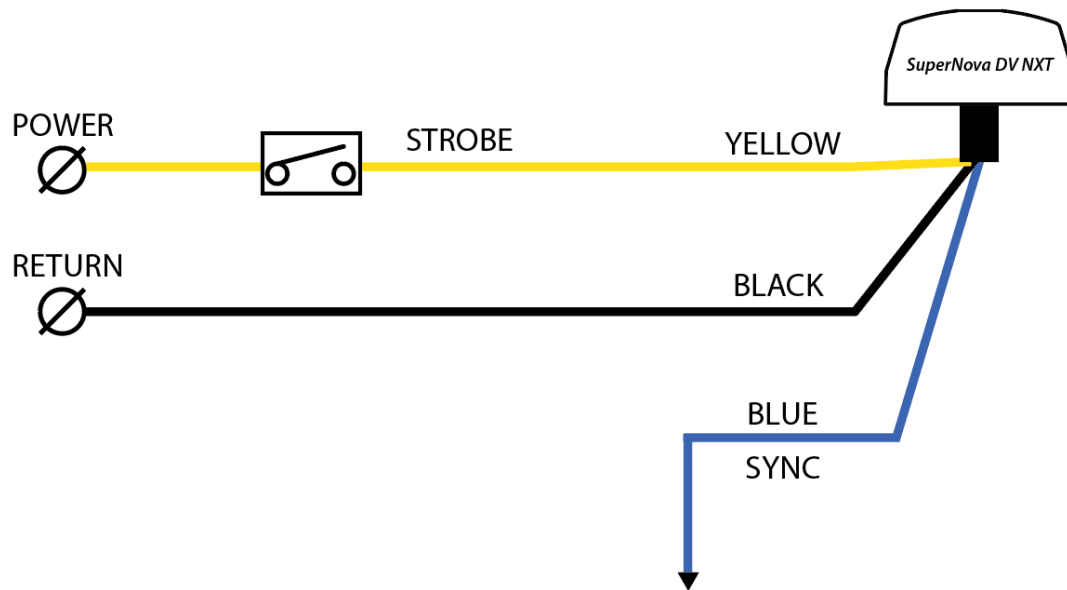
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## Wiring Diagram



Wire length from base of unit 254 mm [10"] min.

<b>YELLOW</b>	- VCC - AWG 24, Positive power supply line for strobe
<b>BLACK</b>	- GND - AWG 24, Common negative power supply line
<b>BLUE</b>	- SYNC - AWG 24, 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.