

Ultra DayLite NXT™

Navigation / Strobe / Position LED light

AVEO
ENGINEERING

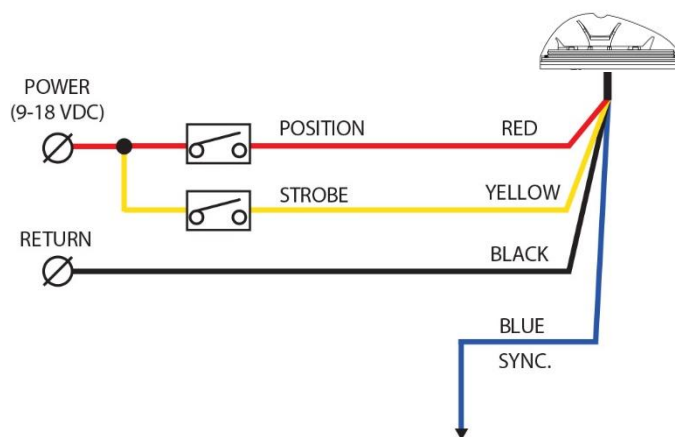
RED LEDS PN: AVE-WPSTR-65D
GREEN LEDS PN: AVE-WPSTG-65D



Specification

Dimensions (mm)	100 x 46.2 x 35.6
Dimensions (inches)	3.94" x 1.819" x 1.40"
Weight	92 g / 3.25 oz
Operating Voltage Range	9-18 VDC
Input Current Red	
Strobe	2.29 A @14 VDC
Position	0.23 A @14 VDC
Input Current Green	
Strobe	2.32 A @14 VDC
Position	0.25 A @14 VDC
Input Power Red	
Strobe	32 W @14 VDC
Position	3.2 W @14 VDC
Input Power Green	
Strobe	32.5 W @14 VDC
Position	3.4 W @14 VDC
Recommended size of mounting screw	M5x45 DIN 7984, Stainless Steel with O-Ring 4.8x1.9 DIN 3771, 70ShA or #10-32x1-3/4" SHCS, Stainless Steel with O-Ring 901, 0.185" ID, 0.297" OD, 70ShA
Tightening torque	1.2 Nm 10.6 in-lbs
Operating temperature range	-55 °C to +85 °C -67 °F to +185 °F

Wiring Diagram



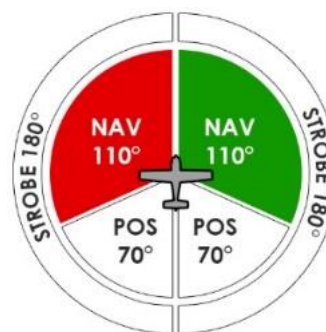
RED - Positive power supply line for position (AWG20)

YELLOW - Positive power supply line for strobe (AWG20)

BLACK - Common negative power supply line (AWG20)

BLUE - Synchronization line (AWG22)

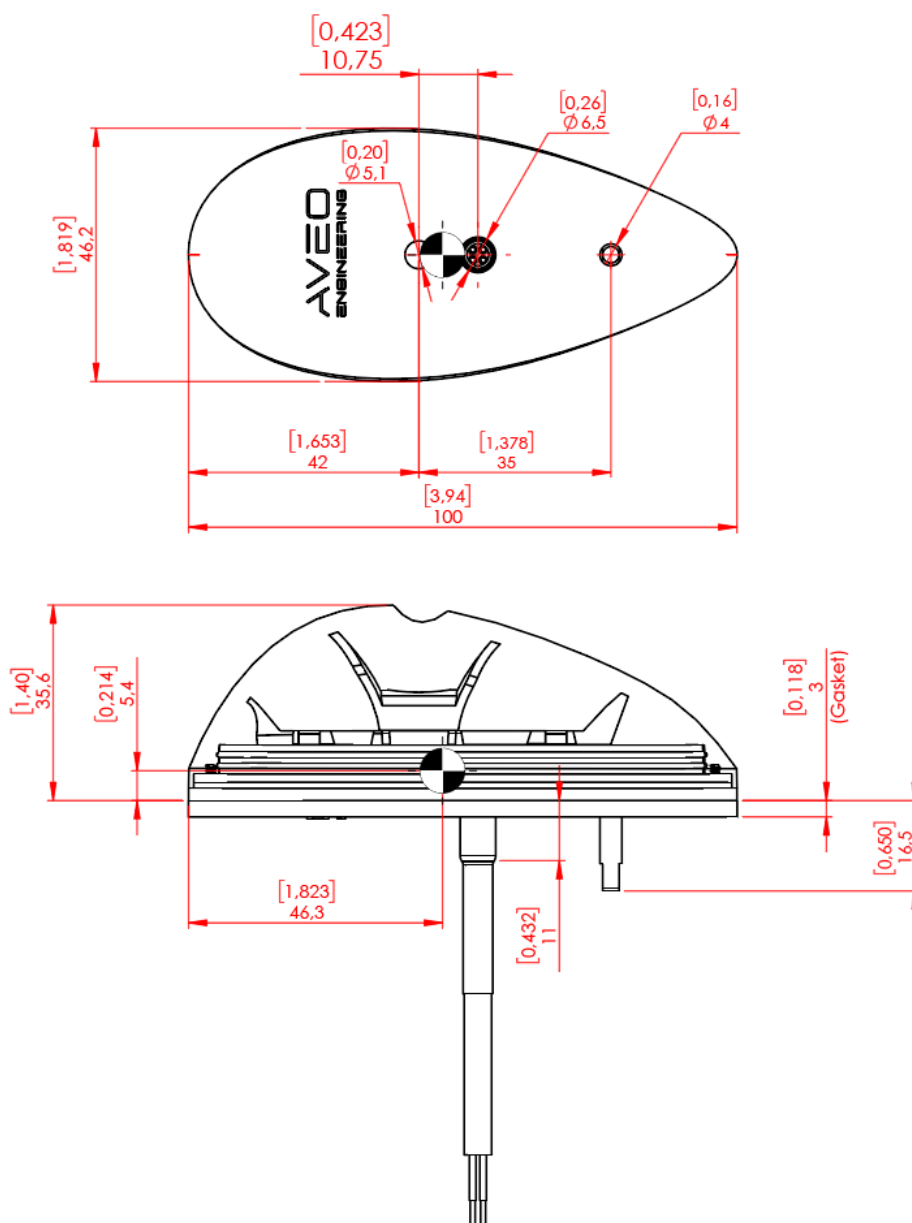
Wire length from base of unit 254mm [10.00 inch] min.



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Technical Drawing



Dimensions in mm [inches]

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