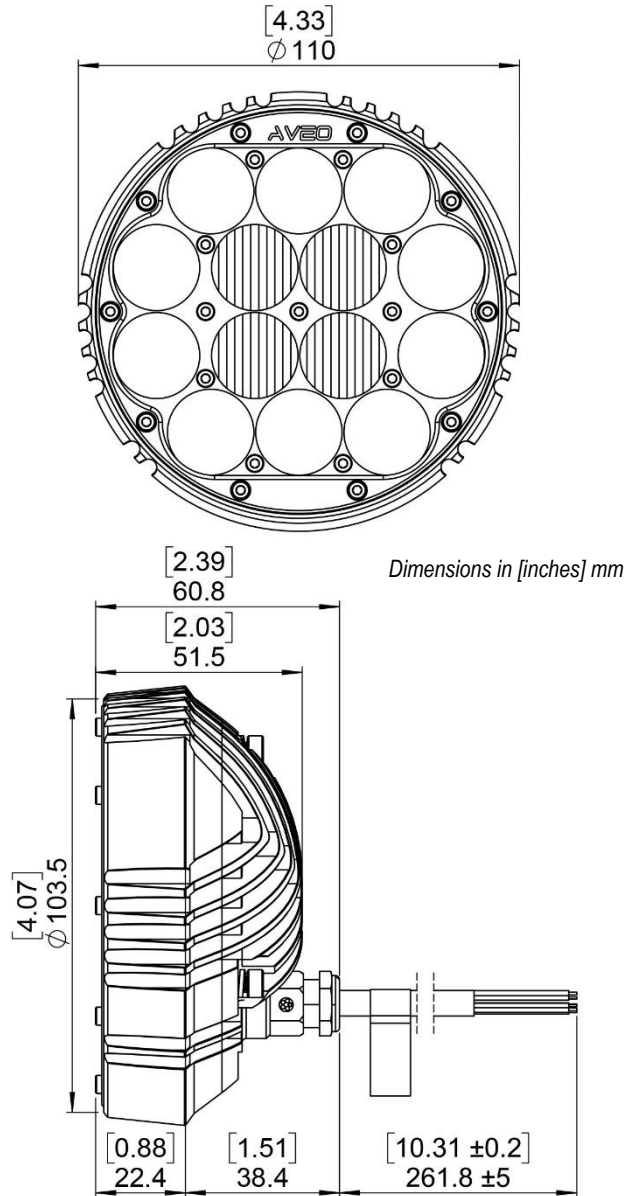


## Drawing

## Specification

Dimensions:	See drawing
Weight (max):	460 g / 1.014 lb
Operating Voltage Range:	9 – 36 V DC
Input Current (Landing):	2.50 A @14V 1.30 A @28V
Input Current (Taxi):	1.0 A @14V 0.55 A @28V
Input Power (Landing):	35 W @14V 36.4 W @28V
Input Power (Taxi):	14 W @14V 15.4 W @28V
Landing Lens Angle:	10°
Taxi Lens:	10° x 45°
Intensity (Landing):	148,500 cd (H) / 74,000 cd (L)
Intensity (Taxi):	18,100 cd (H) / 9,050 cd (L)
Intensity (Both):	163,000 cd (H) / 81,500 cd (L)
Ambient Temperature:	from -55°C to +85°C from -67°F to +185°F
Overheat Protection:	Yes (temperature dependent decrement of intensity, see note below)
Transient Voltage:	80 V max
Over-Voltage Lockout:	36 V DC
Reverse Polarity Protection:	Yes
Useful Life:	Not less than 30,000 aircraft flight hours
Waterproof, Dust-proof, Vibration-proof:	Yes



**NOTE:** If the light heats up to the temperature of 85°C (+/-10%), the output drops linearly by up to 10 % from the nominal value until it cools down to 60°C (+/- 10%). As soon as the temperature of 60°C (+/- 10%) is achieved, the light operates at full power again.

In case, when in the process of cooling down the power supply is interrupted and the temperature is within the range of 60°C (+/- 10%) - 85°C (+/-10%), then after turning on, the light starts to operate at full power until its temperature rises to 85°C (+/-10%).

## Control & Power Inputs

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WIRE	FUNCTION
RED (20 AWG)	Landing
YELLOW (20 AWG)	Taxi
BLACK (20 AWG)	GND
GREEN/YELLOW (20 AWG)	CHASSIS
WHITE (24 AWG)	Master/Slave
BLUE (24 AWG)	Synchro
VIOLET (24 AWG)	Hi/Lo
GREEN (24 AWG)	WigWag