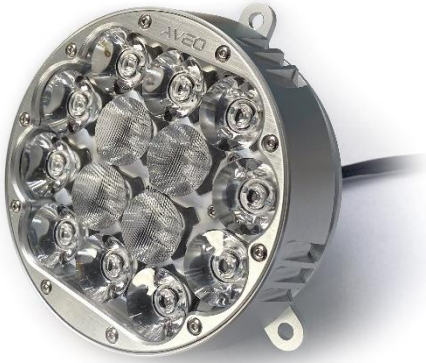


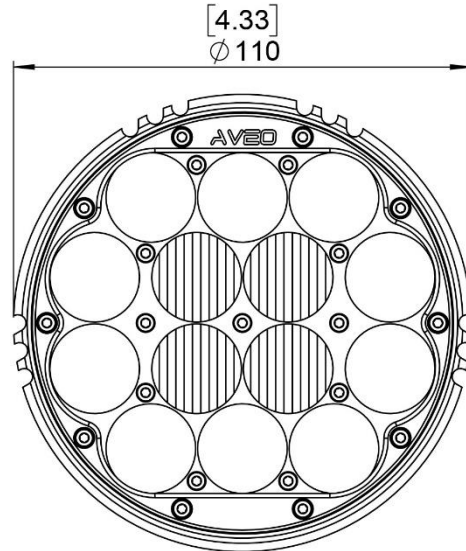
Hercules NXT™

PAR36 Landing / Taxi / WigWag Light with Hi-Lo Function

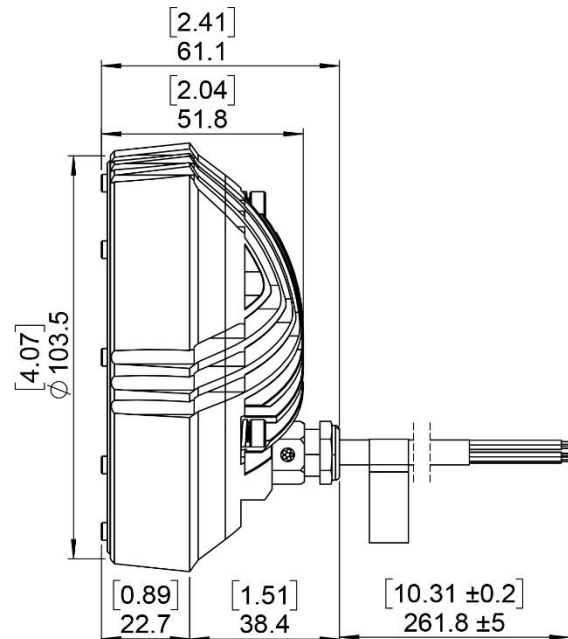
PN: AVE-HXTTLFW-D01



Drawing



Dimensions in [inches] mm



Specification

Dimensions:	See drawing
Weight (max):	515 g / 1.14 lb
Operating Voltage Range:	9 – 36 V DC
Input Current (Landing):	2.70 A @14V 1.40 A @28V
Input Current (Taxi):	1.10 A @14V 0.55 A @28V
Input Power (Landing):	37.8 W @14V 39.2 W @28V
Input Power (Taxi):	15.4 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%).