

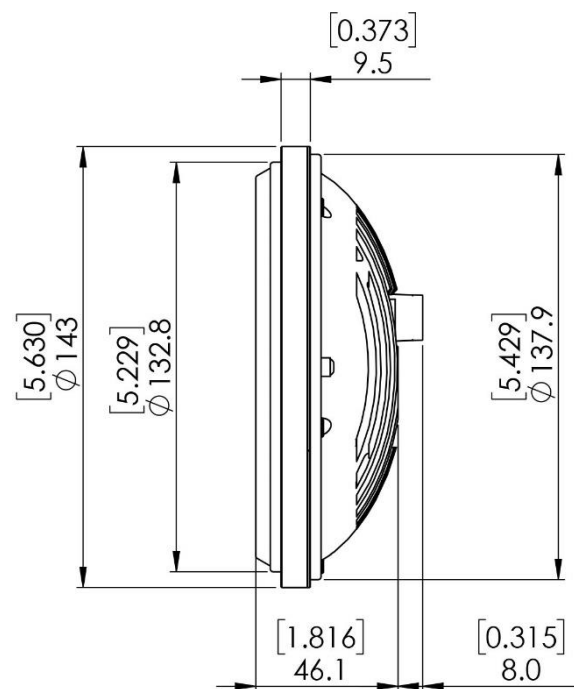


Taxi – natural	- AVE-SJPDOTW-DS1
Landing – natural	- AVE-SJPDOLW-DS1
Taxi – black	- AVE-SJPDOTW-DB1
Landing – black	- AVE-SJPDOLW-DB1
Taxi – green	- AVE-SJPDOTW-DG1
Landing – green	- AVE-SJPDOLW-DG1
Taxi – red	- AVE-SJPDOTW-DR1
Landing – red	- AVE-SJPDOLW-DR1
Taxi – blue	- AVE-SJPDOTW-DU1
Landing – blue	- AVE-SJPDOLW-DU1
Taxi – purple	- AVE-SJPDOTW-DP1
Landing – purple	- AVE-SJPDOLW-DP1

Specification

Dimensions (mm):	137.9 mm x 46.1 mm
Dimensions (inches):	5.429" x 1.816"
Operating Voltage Range:	9 – 32 V DC
Input Current:	4.5 A @14V 2.3 A @28V
Output Power:	54 W
Landing Lens Angle:	8° Landing
Taxi Lens:	28° Taxi
Intensity (Landing):	255.000 cd
Intensity (Taxi):	27.500 cd
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:	+33VDC, not less
Reverse Polarity Protection:	Yes
Useful Life:	not less than 30,000 aircraft flight hours
Waterproof, Dust-proof, Vibration-proof:	Yes

Drawing



Dimensions in [inches] mm

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%).

Samson JP™

PAR46 Landing or Taxi Light

AVEO
ENGINEERING

Color Options



Red



Purple



Blue



Natural



Black



Green