



SUNSPOTTM 36

100W // LANDING SERIES



CERTIFIED | PAR 36



OPTIONAL SYNC CIRCUIT

PART NUMBER: 00-8120

TO ENABLE SYNCHRONIZED FLASH



Engineered for unmatched brightness and precision, the 100-watt SunSpot 36 is our highest-performing PAR36 landing light, delivering over 200k peak candela with a broad and bright 20° × 20° beam.

Compared to the 75-watt model, this wider beam geometry delivers approximately 70–80% greater usable illumination and coverage, enhancing runway definition, peripheral awareness, and depth perception on approach, rollout, and in-flight recognition.

Designed for pilots who demand maximum performance, the 100 watt SunSpot 36 Series provides superior total light output and beam quality while drawing less power than traditional incandescent lamps. Its daylight-white color temperature that reveals the true color and contrast of runway markings and terrain—eliminating the dull, amber cast of legacy bulbs. Built to withstand the rigors of flight, every SunSpot 36 light mounts directly into standard PAR36 housings for straightforward installation.

The H MODEL features AeroLEDs' Integrated Pulse (WigWag) Technology, improving aircraft conspicuity while operating without external controllers and drawing up to 50% less current during use.

5 YEAR WARRANTY



HIGH-EFFICIENCY, LOW-POWER LEDs



LONG-LIFE, LOW-MAINTENANCE DESIGN



SHOCK AND VIBRATION RESISTANT



BUILT-IN THERMAL PROTECTION



UV HARDCOATED POLYCARBONATE LENS



ALUMINUM | BLACK POWDER COATED HEAT SINK



INTEGRATED PULSE OPTION (H MODELS)



AeroLEDs PULSE SYNCHRONIZATION

1011-0003 Rev B



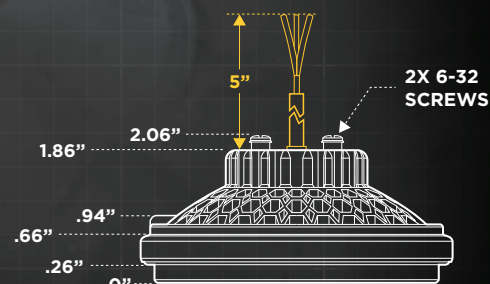
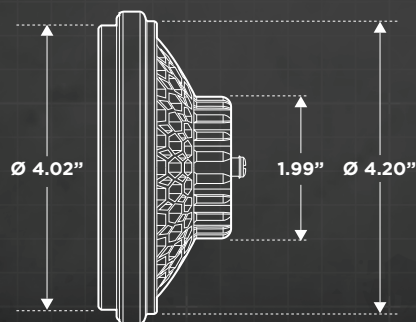
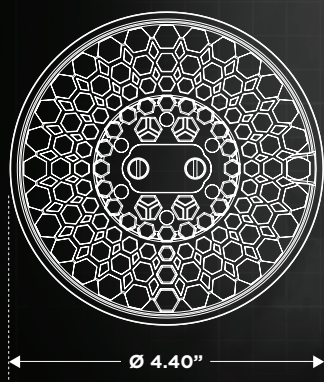
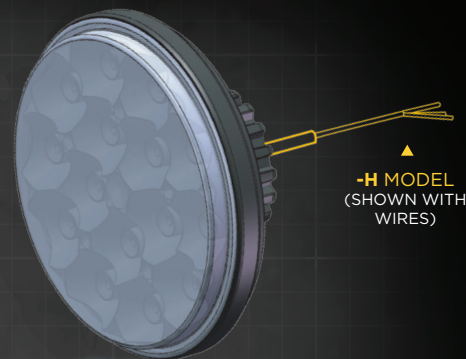
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SPECIFICATIONS		LANDING LIGHT	LANDING LIGHT (with Pulse)	LANDING LIGHT	LANDING LIGHT (with Pulse)
PART NUMBERS		01-1030-4313	01-1030-4313-H	01-1030-4596	01-1030-4596-H
Certification		PMA STC Approved: FAA TCCA EASA ANAC			
Voltage	Nominal	14VDC		28V AC/DC	
	Minimum	9VDC		18V AC/DC	
	Maximum	15VDC		30V AC/DC	
Current		6.8A @ 14VDC		3.6A @ 28VDC	
Power		100W			
Peak Candela		200k (Peak)			
Beam Profile (@10% peak)		20° Vertical x 20° Horizontal			
Dimensions (LxWxD)		4.4" x 4.4" x 2.1"			
Weight		11.5 oz			
Mounting		Fits standard PAR 36 mount			

1011-0003 Rev B