



SUNSPOTTM 36

EQUINOX // DUAL-FUNCTION SERIES



CERTIFIED
— PAR 36 —



OPTIONAL SYNC CIRCUIT
PART NUMBER: 00-8120

TO ENABLE SYNCHRONIZED FLASH



Engineered for clarity, coverage, and versatility, the SunSpot 36 Equinox is our highest-value PAR36 lighting solution, combining 100W Landing | 100W Taxi performance with integrated Pulse functionality in a single LED platform. Designed for pilots operating in night, day, and reduced-visibility conditions, the Equinox delivers full dual-mode capability in one PAR36 footprint—ideal for single-light or multi-light installations.

In landing mode, the Equinox delivers a focused 20° × 20° beam optimized for takeoffs and landings. In taxi mode, it transitions to a wider 35° × 50° beam for broad, uniform illumination during ground operations. **Integrated Pulse (WigWag) Technology comes standard**, improving aircraft conspicuity while operating without external controllers and drawing up to 50% less current than incandescent systems.

Built on the proven SunSpot Series platform, the Equinox provides superior total light output and beam quality while drawing less power than traditional incandescent lamps. Its high-efficiency optical system produces a clean, 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, SunSpot 36 Equinox mounts directly into standard PAR36 housings, with straightforward wiring to enable dual-mode and Pulse operation.

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
STANDARD**



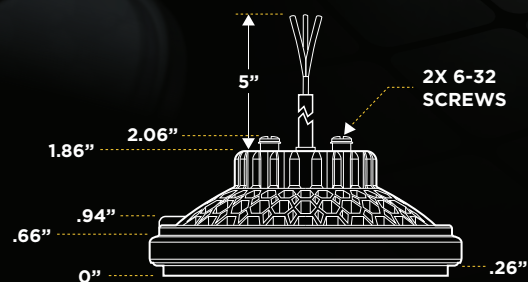
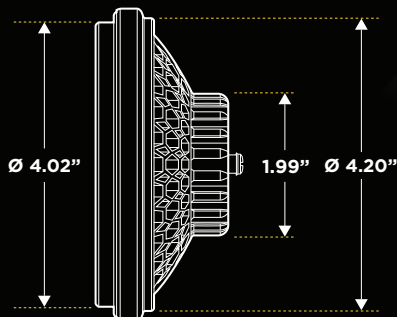
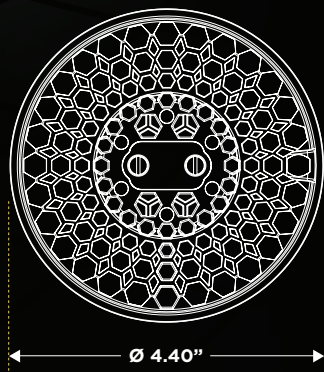
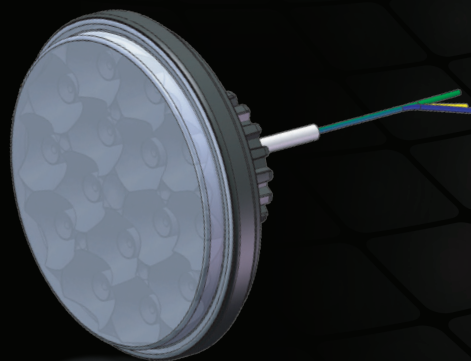
**AeroLEDs PULSE
SYNCHRONIZATION**

1011-0005 Rev E



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SPECIFICATIONS		DUAL-FUNCTION LANDING TAXI LIGHT WITH PULSE	
PART NUMBERS		01-1030-LT-12	01-1030-LT-24
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		7.1A Landing 5.4A Taxi	3.5A Landing 3.5A Taxi
Power		100W	
Peak Candela		210k (Peak) Landing 65k (Peak) Taxi	
Beam Profile (@10% peak)		20° x 20° Landing 35° x 50° Taxi	
Dimensions (LxWxD)		4.4" x 4.4" x 2.1"	
Weight		11.06 oz	
Mounting		Fits standard PAR 36 mount	

1011-0005 Rev E



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