

PART NUMBER	DESCRIPTION
2307055-1	ALPHABEAM™ Landing / Taxi Light

DESCRIPTION

Teledyne introduces the ALPHABEAM™, the General Aviation industry's first FAA-PMA LED Landing Light. The ALPHABEAM[™] uses superior patented optical technology to direct the light emitted from the LED's into a field of view that enhances night taxi and landing operations.

FEATURES

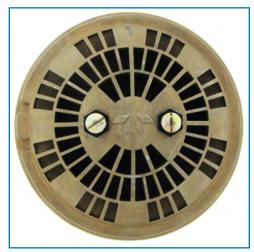
- Patent # 5,404,869; additional patents pending
- Greater field of view without sacrificing brightness
- 170K mean candlepower
- FAA PMA for specific certified Part 23 aircraft models (see www.teledynelighting.com for approved aircraft)
- Drop-in replacement for traditional PAR36 lamps
- Projected life greater than 5,000 hours
- Works on both 14V and 28V systems
- Draws less power
- Built in thermal protection
- Meets all applicable environmental requirements of RTCA DO-160E
 - Ruggedized for aircraft shock, vibration and temperature ranges
- Manufactured in the USA



Top View



Side View

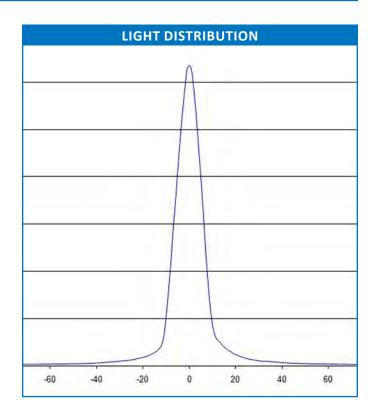


Bottom View

ALPHABEAMTM LED LANDING / TAXI LIGHT



GENERAL CHARACTERISTICS		
Lamp Type	LED	
Bulb	PAR36	
Base	Screw Terminal	
Wattage (W)	45	
Voltage (VDC)	12 - 30	
Rated Life (Flight Hrs)	5000	
Primary Application	Aircraft	
PHOTOMETRIC CHARACTERISTICS		
Beam Spread - Horizontal	13 Deg	
Beam Spread - Vertical	13 Deg	
Typical Mean Beam Candlepower (mBCP)	170,000	
DIMENSIONS		
Maximum Overall Length (MOL)	2.57 IN	
Bulb Diameter	4.39 IN	



ALPHABEAM™ INSTALLED ON AIRCRAFT

MECHANICAL DIMENSIONS



Bulb Diameter:
4.39 in
11.16 cm