

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

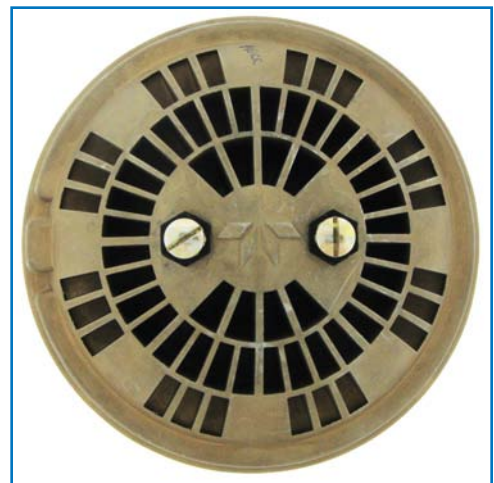
- Patent # 5,404,869; additional patents pending
- Greater field of view without sacrificing brightness
- 170K mean candlepower
- FAA - PMA for specific certified Part 23 aircraft models (see [www.teledynelighting.com](http://www.teledynelighting.com) for approved aircraft)
- Drop-in replacement for 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

# ALPHABEAM™ 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

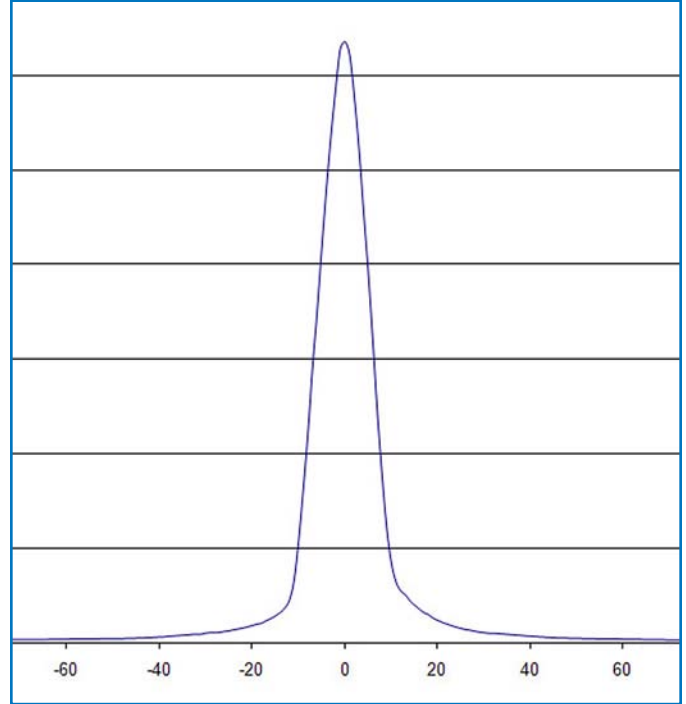
## PHOTOMETRIC CHARACTERISTICS

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

## LIGHT DISTRIBUTION



## ALPHABEAM™ INSTALLED ON AIRCRAFT



## MECHANICAL DIMENSIONS

