PRELIMINARY

P/N 2307335-1

ALPHABEAM® II

LED LANDING/TAXI LIGHT

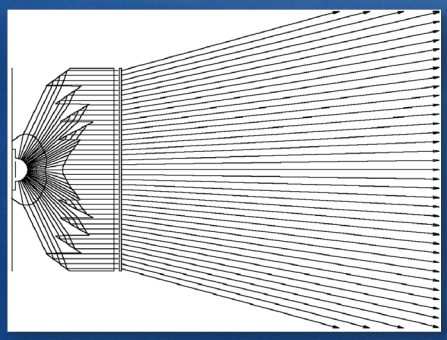
FEATURES

- Solid State Light Emitting Diode (LED) Light Source
- 270,000 Maximum Beam Candlepower
- Drop in replacement for PAR 46 (14.61 cm/5.75 in) dia.
- Multi-stage optical system (Note 1)
- Meets all applicable environmental requirements of RTCA DO-160 (Pending)
- FAA-PMA Pending
- Built in thermal protection (Note 2)
- Intelligent Active Anti-Icing feature (Note 3)
- Operates on 28VAC/DC aircraft systems
- Manufactured in the USA
- Patent pending

GENERAL CHARACTERISTICS	
Light Source	LED
mBCP	270,000
Bulb Size	PAR 46 (14.61 cm/5.75 in)
Aircraft Electrical Interface	Screw terminal
Maximum Wattage	100
Operating Voltage (VAC/DC)	28

APPLICATION NOTES

1. Total Internal Reflection lens utilizes a high performance multi-stage optical system, consisting of primary and secondary optics that efficiently re-distribute light to specific beam patterns that match incandescent bulbs
2. Built in Thermal Protection prevents the ALPHABEAM® from over-temperature conditions, when improperly used or installed by automatically reducing power consumption to prevent premature degradation of the lamp. When the ALPHABEAM® operation is corrected the lamp will automatically return to normal power consumption.
3. Intelligent Active Anti-Icing is a design feature on the ALPHABEAM®, as solid state LED light sources radiate less heat from the front face than incandescent bulbs. During icy conditions, the ALPHABEAM® automatically initiates a glass heating mechanism through a patented electro-optical mechanical design. A slightly higher power consumption will occur while operating in this mode. When icy conditions subside, the heating mechanism stops automatically and the ALPHABEAM® returns to normal power consumption.



Multi-Stage Optics

TELEDYNE
LIGHTING & DISPLAY PRODUCTS
Everywhereyoulook™

12964 Panama Street, Los Angeles, CA 90066
310.577.3882 | www.teledynelighting.com

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