



P/N 2307335-2

ALPHABEAM® II

LED Aviation Light for Commercial Aviation



FEATURES

- Solid State Light Emitting Diode (LED) Light Source
- FAA-PMA approved
- Drop in replacement for PAR 46 (14.61 cm/5.75 in) dia.
- Multi-stage optical system
- Meets all applicable environmental requirements of RTCA DO-160G
- Built in thermal protection
- Operates on 28 VAC 400 Hz
- Meets Power Factor Correction aircraft specifications
- Manufactured in the USA

APPLICATIONS

- Taxi Light
- Runway Turn-off Light

GENERAL CHARACTERISTICS	TAXI/RUNWAY TURN-OFF LIGHTS 2307335-2
Light Source	LED
Lumens in the Beam Cross-section (Note 3)	5,600
Bulb Size	PAR 46 (14.61 cm/5.75 in)
Aircraft Electrical Interface	Screw terminal
Operating Voltage	28 VAC 400 Hz
Wattage	90 W Typ.
Field of View	45° horizontal/ 10° vertical
Operating Temperature	-55°C to +85°C
Storage Temperature	-55°C to +85°C

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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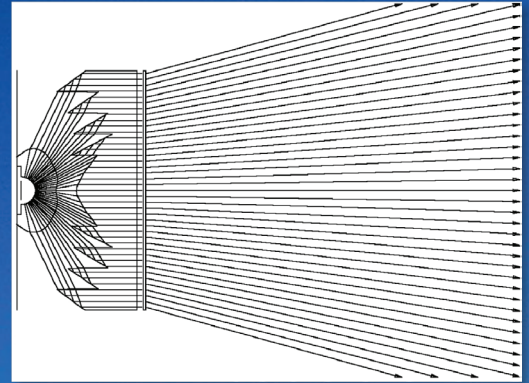
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APPLICATION NOTES

1. Total Internal Reflection lens utilizes a high performance multi-stage optical system, consisting of primary and secondary optics that efficiently re-distribute light uniformly across the entire beam pattern.
2. Built in thermal protection prevents damage or accelerated degradation to the LED during extreme high temperature operation. The unit continuously monitors the temperature of the LED and will decrease power consumption during a high temperature event protecting the LED. Normal power consumption will resume once the high temperature condition elapses.
3. Lumens in the Beam Cross-section is that portion of the radiated visible energy which is emitted by the multiple LED light sources captured by the optical system and distributed uniformly over the cross-sectional area of the outgoing light beam.



Multi-Stage Optics

ENGINEERING LIGHT FOR BETTER PRODUCTS

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