

PAR46 LED Taxi / Turn-Off Light

A drop-in replacement for the 4554/Q4554 quartz halogen lamp series.

Hoffman Engineering's PAR46 LED light uses existing PAR46 lamp mounting and electrical connections, requiring no modification for installation.

This light substantially reduces power consumption from 450 watts to 84 watts and boasts a significantly higher lumen output at a lower operating current than the standard 4554/Q4554 with an equivalent beam pattern.

Additionally, Hoffman's PAR46 LED offers an extremely long service life with multiple high powered LEDs. With these high color temperature LEDs, Hoffman's PAR46 LED Light provides superior visibility and color rendering. This solid-state solution is resistant to the effects of shock and vibration that can contribute to the reduced service life of the 4554/Q4554 series lamp.

Benefits To You:

- In excess of 25,000 operating hours compared to 100 operating hours of existing lamps
- Significant return on investment
- >500% power saving
- 25,000 hours lifespan
- 89 Lumens / Watt

Contact your Boeing Distribution Services representative to find out more, or contact us at Customer.Questions@BoeingDistribution.com



Part No 751-1022-002

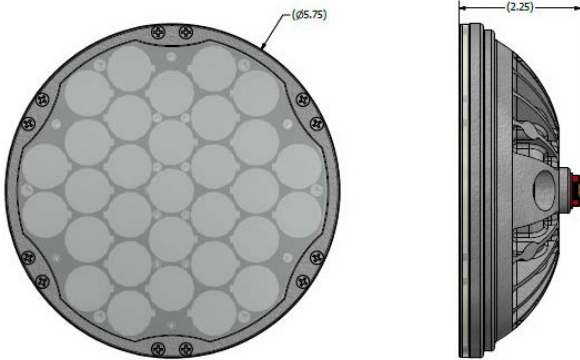


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LED Technical Data



CONSTRUCTION	
Housing	6061-T6 Aluminium
Finish	Anodized
Weight	1.27 lb (576g)
Diameter	5.75 inches
Lens	TIR

ELECTRICAL			
Voltage	Current	Lumens	Beam Spread
28 VAC/VDC	3.0A	7,500	50°H x 10°W

PERFORMANCE CATEGORY	HOFFMAN PAR46 LED
Life Span (Average)	>25,000 Hrs
Power Usage	84 Watts
Bulbs Required (25,000 Hrs)	1

COMPARISON LAMP (GE 4554)
100 Hrs
450 Watts
250

Light Output	
Efficacy (Lumens/Watt)	89 L/W (7500 L/84 W)
Lumen Maintenance	Minimal (10% decrease over life)
Color Temperature	High Color Temperature: 5500K
Visual Acuity	Very high

10 L/W (4380 L/450 W)
Significant (50% decrease after 30% of life)
Warm White: 3000K
Nominal

Durability	
Fragility	Extremely durable
Temperature Sensitivity	Impervious to thermal shock
Humidity Sensitivity	None
On/Off Cycling Effect	No damage to surrounding structures
Lens	Military grade/shatterproof

Extremely fragile
Responds poorly to thermal shock
Some (in high humidity)
May damage surrounding structures
Glass

Reliability	
Mechanical Failure	Maintenance-free
Redundancy	Install once and forget it

Requires managing inventories
Requires frequent inventories

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