

# PAR64 LED Landing Light

## A drop-in replacement for the Q4559X quartz halogen lamp series.

Hoffman's LED Landing Light uses existing PAR64 lamp mounting and electrical connections, requiring no modifications for installation.

This light substantially **reduces power consumption from 600 watts to 90 watts** and boasts an equivalent lumen output at significantly lower operating current than the standard Q4559X with an equivalent beam pattern.

Additionally, Hoffman's PAR64 offers an extremely long service life with multiple high powered LEDs. With these high color temperature LEDs, Hoffman's PAR64 LED Landing 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 Q4559X series lamp.



Part No 751-1004-001



## Benefits To You:

- 50,000 operating hours compared to 200 operating hours of existing lamps
- Significant return on investment
- >600% power saving
- 50,000 hours lifespan
- 60 Lumens / Watt

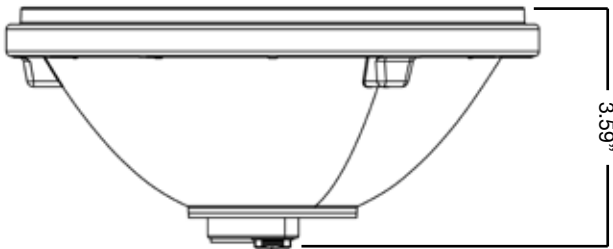
**Contact your Boeing Distribution Services representative to find out more, or contact us at [Customer.Questions@BoeingDistribution.com](mailto:Customer.Questions@BoeingDistribution.com)**

Boeing Distribution Services  
3760 W. 108th Street  
Miami, FL 33018 USA  
Ph: +1-305-925-2600

[BoeingDistribution.com](http://BoeingDistribution.com)

# PAR64 LED Landing Light

## LED Technical Data



CONSTRUCTION	
<b>Housing</b>	6061-T6 Aluminium
<b>Finish</b>	Electrocoat Black
<b>Weight</b>	2 lb 7.2 oz (1111 g)
<b>Lens</b>	Proprietary

ELECTRICAL			
<b>Voltage</b>	<b>Current</b>	<b>Lumens</b>	<b>Beam Spread</b>
28 VAC/VDC	3.2A	5500	12°H x 12°W

PERFORMANCE CATEGORY	HOFFMAN PAR64 LED
<b>Life Span (Average)</b>	50,000 Hrs
<b>Power Usage</b>	90 Watts
<b>Bulbs Required (50,000 Hrs)</b>	1

COMPARISON LAMP (Q4559X)
200 Hrs
600 Watts
250

Light Output	
<b>Efficacy (Lumens/Watt)</b>	60 L/W (5500 L/90 W)
<b>Lumen Maintenance</b>	Minimal (10% decrease over life)
<b>Color Temperature</b>	High Color Temperature: >4100K
<b>Visual Acuity</b>	Very high

9 L/W (5300 L/600 W)
Significant (50% decrease after 30% of life)
Warm White: <2000K
Nominal

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

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

Reliability	
<b>Mechanical Failure</b>	Maintenance-free
<b>Redundancy</b>	Install once and forget it

Requires managing inventories
Requires frequent inventories

Contact your Boeing Distribution Services representative to find out more, or contact us at [Customer.Questions@BoeingDistribution.com](mailto:Customer.Questions@BoeingDistribution.com)

Boeing Distribution Services  
3760 W. 108th Street  
Miami, FL 33018 USA  
Ph: +1-305-925-2600