



# PARMETHEUS™ SERIES

Super-LED® PAR-36 & PAR-46 "Drop-In" Replacement Light



- **LIGHTWEIGHT**
- **LOW CURRENT**
- **MOISTURE RESISTANT**

*Providing stable light output for thousands of operating hours.*

**NOW FULLY PMA APPROVED!**  
VISIT [WWW.WHELEN.COM](http://WWW.WHELEN.COM)  
FOR FREE PMA  
DOWNLOAD



# Parmetheus™ Series

LED lighting is the ideal technology for aviation applications. Whelen LED lights are time and field-tested for reliability and long-life performance under the tough conditions required by Fire, Emergency, DOT and Law Enforcement professionals around the world.

- Whelen TIR™ (Total Internal Reflector) technology, combining spot and flood optical combination, resulting in superior intensity and effectiveness.
- Convenient “Drop-In” design for ease of installation:
  - Power wiring attaches to brass screw terminals.
  - Weight is virtually identical to previous lamps.
  - Assembly design includes clocking notch.
- Moisture resistant providing stable light output for thousands of trouble-free operating hours.
- Proudly designed and manufactured in the USA.
- Low current and lightweight.
- Metal, heat dissipating coated housing.
- Three year warranty.

BELOW & RIGHT: SHOWING PAR-36 APPLICATION ON A CESSNA 182



## PAR-36



Taxi Light  
PLED2T

Landing Light  
PLED2L



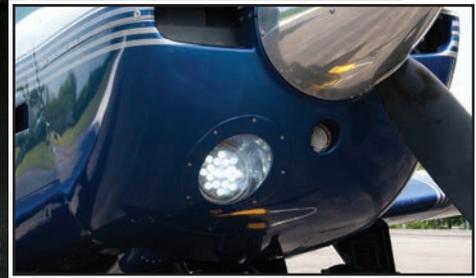
PARMETHEUS



PAR-36

- Direct replacement for outdated PAR-36 Halogen and HID lamps.
- First FAA Approved PAR-36 Super-LED for Aviation applications.
- Available in Landing and Taxi versions.
- Polycarbonate, replaceable, hard-coated outer lens.

Model	Part Number	Description	Type	Amps @ Volts	Size
PLED2L	01-0771424-20	PAR-36 Super-LED® Drop-In Replacement	Landing (Spot Light, 10°)	.6 Amps @ 28 VDC	4.38" Round x 1.75" Face to Screw terminal
PLED2T	01-0771424-25		Taxi (Spreader Optic, 40°)		
PLED1L	01-0771424-10		Landing (Spot Light, 10°)	1.2 Amps @ 14 VDC	
PLED1T	01-0771424-15		Taxi (Spreader Optic, 40°)		
Replacement Outer Lens: 68-3971486A-30				Whelen Drawing Number: 71424	



ABOVE & TOP RIGHT: PAR-46 APPLICATION ON CESSNA 172 & MOONEY M20  
 BOTTOM RIGHT: PARMETHEUS COMPARISON SHOT SHOWING PAR-36 & PAR-46 SIDE BY SIDE.



# PAR-46



Landing Light  
 PLED461L



PARMETHEUS



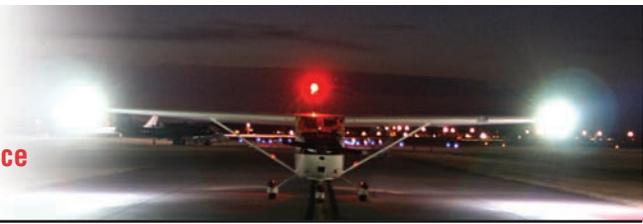
PAR-46

- Direct replacement for outdated PAR-46 Halogen & HID lamps.
- Available in a Landing version.
- Polycarbonate, replaceable, hard-coated outer lens.

Model	Part Number	Description	Type	Amps @ Volts	Size
PLED462L	01-0790623-20	PAR-46 Super-LED® Drop-In Replacement	Landing (Spot Light, 10° Horizontal and 10° Vertical)	1.3 Amps @ 28 VDC	5.65" Round x 2.25" Face to Screw terminal
PLED461L	01-0790623-10			2.6 Amps @ 14 VDC	
Replacement Outer Lens: 68-3971577A30				Whelen Drawing Number: 90623	

# SEE FOR YOURSELF!

Actual unaltered photographs of comparisons showing distance and width of light output of PARMETHEUS™ vs GE4594



50' Distance



1/15th ISO 1600



Runway, First Cone 210' Target 300'



Runway, Close-up View

GE BULB #	VOLTS	WHELEN MODEL #
<b>PAR-36</b>		
4313	14	PLED1L
4416	14	PLED1L
4505	28	PLED2L
4509	14	PLED1L
4587	28	PLED2T
4591	28	PLED2L
4593	28	PLED2T
4594	28	PLED2L
4595	14	PLED1L
4596	28	PLED2L
4623	28	PLED2T
4626	28	PLED2T
4627	28	PLED2T
Q4631	14	PLED1L
Q4632	14	PLED1L
<b>PAR-46</b>		
4413	14	PLED461L
4421	14	PLED461L
4435	14	PLED461L
4522	14	PLED461L
4537	14	PLED461L
4551	28	PLED462L
4553	28	PLED462L
4554	28	PLED462L
Q4554	28	PLED462L
4570	28	PLED462L
4571	28	PLED462L

# WHELEN®

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Note: Brackets and mounting will vary from aircraft to aircraft; FAA Field Approval (Form 337) may be required to use this product.

Note: It is the responsibility of the installer to determine suitability & installation approval for the use (PLED461L / PLED462L) products in certified aircraft.

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