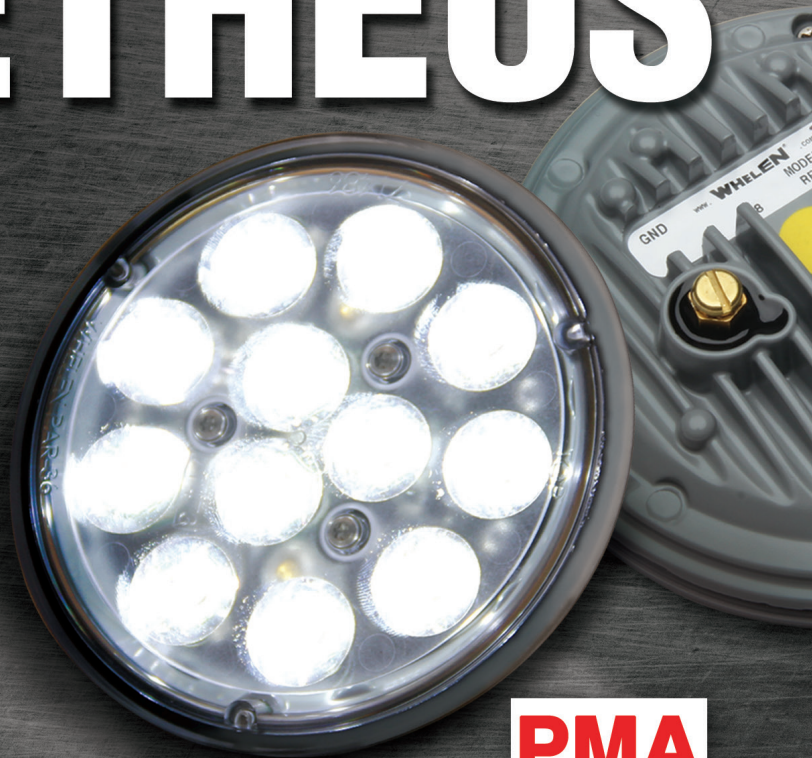


# PARMETHEUS PLUS

World's best  
selling LED  
landing light  
is now

**40%**  
**Brighter**



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**TRUSTED TO PERFORM**<sup>™</sup> [AVIATION@WHELEN.COM](mailto:AVIATION@WHELEN.COM)

**PMA**  
**APPROVED**



# PAR-36 PLUS & PAR-46 PLUS

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.

- Retrofitting for PAR-36 or PAR-46 Halogen and HID lamps.
- “Drop-In” design offers easy installation and maintenance:
  - Power wiring attaches to brass screw terminals.
  - Weight is virtually identical to previous lamps.
  - Assembly design includes clocking notch.
- First FAA Approved PAR-36 and PAR-46 Super-LED for Aviation applications.
- Optical spot and flood combinations via Whelen’s TIR™ (Total Internal Reflector) technology.
- Replaceable, hard-coated, polycarbonate outer lens and metal, heat dissipating housing are moisture resistant.
- PAR-36 available in Landing and Taxi versions
- PAR-46 available in Landing only.
- Five year warranty.



Landing Light P46P1L



Landing Light P36P2L / 1L

Taxi Light P36P2T / 1T



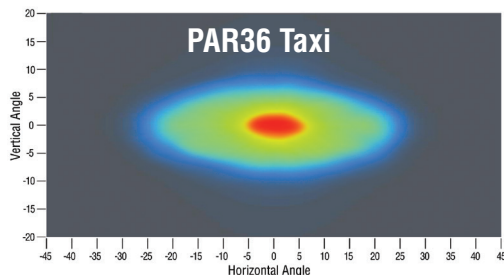
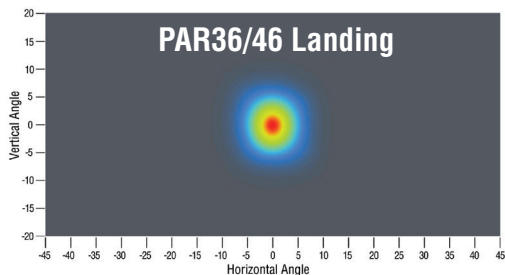
# Isocandela Plots

Luminous Intensity in units of Candela is the energy emitted in one direction perceived by the human eye, & Luminous Flux in units of Lumens is the total energy emitted in all directions perceived by the human eye. These isocandela plots show usable light intensities at horizontal and vertical angles up and down. The colors indicate intensities of the light output. The warmer the colors, the more intense the light output. Parmetheus Plus color temperatures reach 6,000 degree Kelvin, which simulates mid-day light.

**Bright Sunlight**



**Low Daylight**



GE Bulb #	Parmetheus Original	Parmetheus Plus
4416	PLED1L	P36P1L
4505	PLED2L	P36P2L
4509	PLED1L	P36P1L
4587	PLED2T	P36P2T
4591	PLED2L	P36P2L
4593	PLED2T	P36P2T
4594	PLED2L	P36P2L
4595	PLED1L	P36P1L
4596	PLED2L	P36P2L
4623	PLED2T	P36P2T
4626	PLED2T	P36P2T
4627	PLED2T	P36P2T
Q4631	PLED1L	P36P1L
Q4632	PLED1L	P36P1L
4413	PLED461L	P46P1L
4421	PLED461L	P46P1L
4435	PLED461L	P46P1L
4522	PLED461L	P46P1L
4537	PLED461L	P46P1L
4551	PLED462L	P46P2L
4553	PLED462L	P46P2L
4554	PLED462L	P46P2L
Q4554	PLED462L	P46P2L
Q4566	PLED462L	P46P2L
4570	PLED462L	P46P2L
4571	PLED462L	P46P2L

Model	Part Number	Description	Type	Beam Candlepower	Amps @ Volts	Size	Misc
P36P2L	01-0771833-20	PAR-36 PLUS Super-LED® Drop-In Replacement	Landing (Spot Light, 10°)	60,000	.68 Amps @ 28 VDC	4.38" Round x 1.75" Face to Screw terminal	<b>Replacement Outer Lens:</b> 68-3971486A-30
P36P2T	01-0771833-25		Taxi (Spreader Optic, 40°)	15,000			
P36P1L	01-0771833-10		Landing (Spot Light, 10°)	60,000	1.36 Amps @ 14 VDC		<b>Whelen Drawing Number:</b> 71833
P36P1T	01-0771833-15		Taxi (Spreader Optic, 40°)	15,000			
P46P2L	01-0790750-20	PAR-46 PLUS Super-LED® Drop-In Replacement	Landing (Spot Light, 10°)	105,000	1.3 Amps @ 28 VDC	5.65" Round x 2.25" Face to Screw terminal	<b>Replacement Outer Lens:</b> 68-3971577A30
P46P1L	01-0790750-10		Landing (Spot Light, 10°)		2.6 Amps @ 14 VDC		



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 Printed in the U.S.A. Code 12802B - 02/17