

# WHELEN PARMETHEUS LED REPLACEMENT 14VOLT LANDING LIGHT



(Click image for a larger view)

## FAA-PMA Approved

Parmetheus PAR36 LED lights are a drop-in replacement for outdated Halogen PMA approved. Lightweight, low-current and moisture resistant, they provide stable light output for thousands of operating hours.

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.

PMA APPROVED

## Features

- Direct replacement for outdated PAR36 Halogen and HID lamps.
- First commercially available PAR36 LED for Aviation applications.
- Stable light output for thousands of trouble-free operating hours.
- Available in Landing and Taxi versions.
- Convenient "Drop In" design for ease of installation:
- Power wiring attaches to brass screw terminals; Weight is virtually identical to previous PAR36 lamps; Assembly design includes clocking notch
- Polycarbonate, replaceable, hard-coated outer lens.
- Metal, heat dissipating coated housing.
- Whelen TIR™ (Total Internal Reflector) technology rivals strobe in intensity and effectiveness.
- Proudly designed and manufactured in the USA.
- Three year warranty.

## Specifications

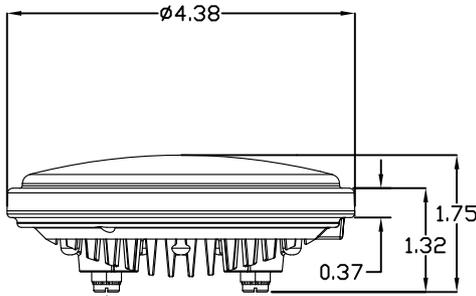
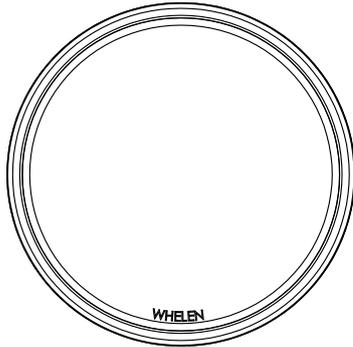
- Model: PLED1L
- Type: Landing (Spot Light, 10 degree)
- Amps: 1.2
- Volts: 14 VDC
- Size: 4.38" Round x 1.75" Face to Screw terminal

## Documents

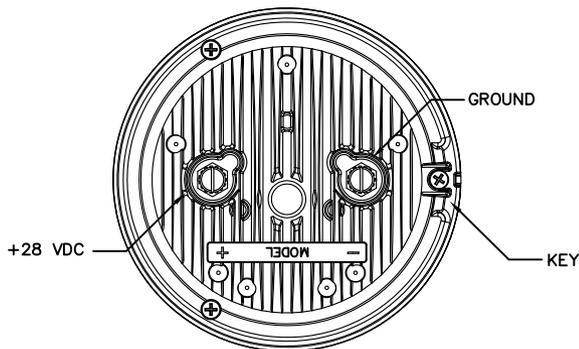
- [Download the drawing \(PDF\)](#)
- [Download the PMA Supplement \(PDF\)](#)

Description	Part No.	Price	Buy
WHELEN LED PARMETHEUS LAND 14V	11-08294	\$239.00	 <a href="#">ADD TO CART</a>
Similar Items	Part No.	Price	Buy
WHELEN LED PARMETHEUS LAND 28V	<a href="#">11-08292</a>	\$239.00	 <a href="#">ADD TO CART</a>
WHELEN PARMETHEUS TAXI 14V	<a href="#">11-08295</a>	\$239.00	 <a href="#">ADD TO CART</a>
WHELEN LED PARMETHEUS TAXI 28V	<a href="#">11-08293</a>	\$239.00	 <a href="#">ADD TO CART</a>

REV	ECN	DESCRIPTION	DATE



(2) #8-32 x 1/4 PH BRASS SCREW



NOTES:

- SPECIFICATIONS: (NOMINAL)  
 OPERATING VOLTAGE: 28VDC  
 CURRENT: .6 AMPS  
 LIGHT OUTPUT COLOR: WHITE LED  
 BEAM PATTERN: 10°VERT, 10°HORIZ (-20)  
 10°VERT, 30°HORIZ (-25)  
 10°VERT DOWN, 30°HORIZ (-40)  
 LIGHT INTENSITY: 39,000 CANDELA (-20)  
 12,000 CANDELA (-25)  
 12,000 CANDELA (-40)
- MATERIAL:  
 HOUSING/HEATSINK: ALUMINUM ALLOY, BLACK PAINT  
 LENS: CLEAR POLYCARBONATE, HARDCOAT
- WEIGHT: .6 lbs
- UNIT DESIGNED TO MEET THE FOLLOWING ENVIRONMENTAL TEST REQUIREMENTS IN ACCORDANCE WITH RTCA/DO-160:  
 TEMPERATURE/ALTITUDE: SECTION 4, CATEGORY F2  
 TEMPERATURE VARIATION: SECTION 5, CATEGORY S2  
 HUMIDITY: SECTION 6, CATEGORY C  
 OPERATIONAL SHOCK: SECTION 7, CATEGORY B  
 VIBRATION: SECTION 8, CATEGORY R, CURVES E, E1  
 EXPLOSION PROOFNESS: SECTION 9, CATEGORY H  
 WATERPROOFNESS: SECTION 10, CATEGORY W  
 SAND AND DUST: SECTION 12, CATEGORY D  
 MAGNETIC EFFECTS: SECTION 15, CATEGORY A  
 POWER INPUT: SECTION 16, CATEGORY Z, CAT. A FOR 16.6.2.4  
 VOLTAGE SPIKE: SECTION 17, CATEGORY A  
 AUDIO FREQ. CONDUCTED SUSCEPT.: SECTION 18, CATEGORY Z  
 RADIO FREQUENCY SUSCEPTIBILITY: SECTION 20, CATEGORY R/R  
 EMISSIONS OF RADIO FREQUENCY ENERGY: SECTION 21, CATEGORY H  
 ICING: SECTION 24, CATEGORY A
- TEST PER ATP: 05648

1			01-0271425-40	FINAL ASSY, MODEL 7142440
	1		01-0271425-25	FINAL ASSY, MODEL PLED2T
		1	01-0271425-20	FINAL ASSY, MODEL PLED2L
*			01-0771424-40	MODEL 7142440, PAR36, 10° DOWN, 28V
	*		01-0771424-25	MODEL PLED2T, PAR36 TAXI, 28V
		*	01-0771424-20	MODEL PLED2L, PAR36 LANDING, 28V
QTY.	ITEM		PART NUMBER	DESCRIPTION

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**WHELEN** ROUTE 145  
 CHESTER, CT 06412-0684  
 ENGINEERING COMPANY INC. TELEPHONE (860)326-9504

MATERIAL		PAR36 LANDING/TAXI LIGHT 28 VDC			
FINISH					
TOLERANCE: UNLESS OTHERWISE SPECIFIED	DR. RPR	SCALE	DATE	RELEASE DATE	
ANGLES ±1/2°	.XX=±.03	1:1(C-SIZE)	11/12/09	3/4/10	
	.XXX=±.010	ENG. RPR	REV	ISSUE	SHEET OF
		APP. TMF	71424	-	- 1 2
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