



Project	
Date	
Prepared by	
Model #	PAL1-1004-1

PAL1-SERIES 360° PORTABLE AREA LIGHT



OVERVIEW

The PAL1-Series Portable Area Light is a built-tough portable area work light that illuminates all 360 degrees of an entire room. Using high performance, cool-running LEDs, it lights up a work space up to 50' in any direction.

PRODUCT HIGHLIGHTS

- 6kV surge protection
- Daisy chain connection
- Stainless steel guard for impact protection
- 10 feet power wire with plug
- IP65 for Damp & Wet Locations
- 50000 hours lifetime
- cULus and DLC listed

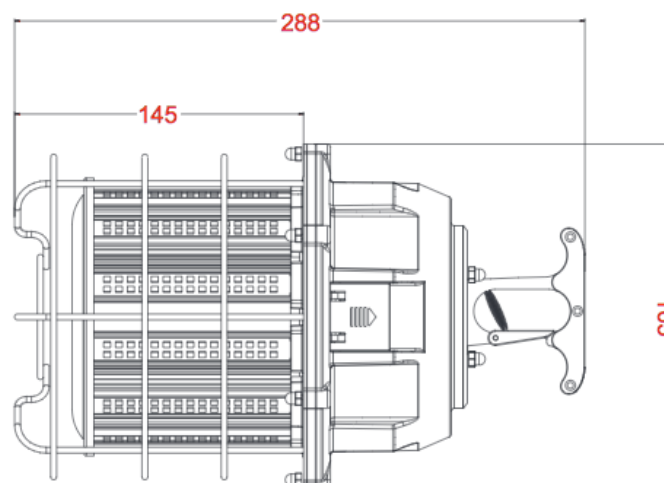
OPTICAL SPECIFICATIONS

Lumen Output (lm) ₁	10235 lm	Beam Angle (°) ₁	360 deg
CCT (K) ₁	4000K	Projected Lifetime (L ₇₀)	54,000 hrs
CRI (Ra) ₁	81	Lumen Maintenance Factor	70%
Efficacy (lm/W) ₁	110.8 lm/W	Chromaticity Shift	+/-75K

ELECTRICAL SPECIFICATIONS

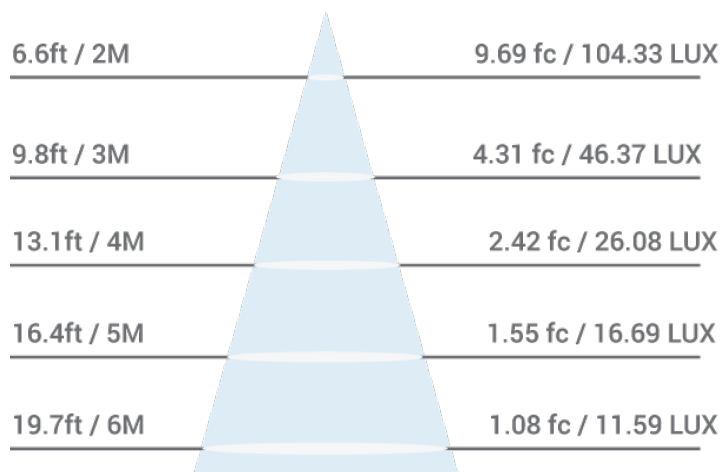
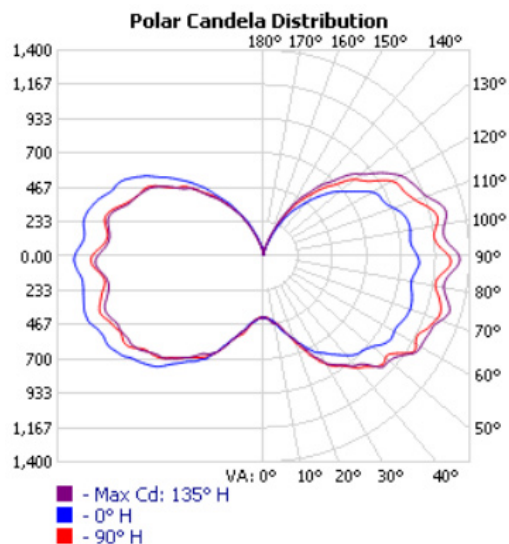
Power	100W	Input Voltage	100-277VAC
Apparent Power (VA)	93W	Max # of Connections	8 lights daisy chained in a row
System Wattage (W)	92.3W	Current Draw at 120V _{AC} (A) ₂	0.85A

PRODUCT DIMENSIONS



CONSTRUCTION		APPROVALS AND LISTINGS					
Housing Material	Stainless Steel Guard on Plastic Housing	DLC	PL0267MDHX32				
Housing Color	Yellow	Wet Location Rated	Yes				
Lens Material	Polycarbonate (PC)	Damp Location Rated	Yes				
Dimensions (inch/mm)	6.4" Φ x 11.3" 165mm Φ x 288mm	UL/ETL	cULus listed				
		UL/ETL File Number	E500531				
		<table><tr><th colspan="2">Rated Lifetime¹</th></tr><tr><th>Models</th><th>Lumen Output = 70% of Initial (L₇₀)²</th></tr><tr><td>PAL1-604-1 PAL1-1004-1</td><td>>54,000 hrs</td></tr></table>		Rated Lifetime ¹		Models	Lumen Output = 70% of Initial (L ₇₀) ²
Rated Lifetime ¹							
Models	Lumen Output = 70% of Initial (L ₇₀) ²						
PAL1-604-1 PAL1-1004-1	>54,000 hrs						
Weight (kg/lbs)	3 kg / 6.6 lbs	1. Rated Lifetime projected the time need for the fixture to drop its lumen output to 70% of its initial value, which was measured based on IESNA LM-79-80 luminaire test report. 2. Calculations based on TM-21 Projection and IESNA LM-80-08 LED test report, estimated rated lifetime (hours) at TA=25oC (ambient temperature)					
Installation Method	Plug and Play						
Operation Range (°C/°F)	-40°C to 60°C -40°F to 140°F						
IP Rating	IP65						
Warranty	3 years						

LED AND DRIVER SPECIFICATIONS			
LED (Brand)	Epistar	Power Factor	0.913
LED Design Origin	Taiwan	THD	15.5%
LED Type	SMD 2835	Surge Protection	6kV (Line to Earth)
CANDELA		ILLUMINANCE AT A DISTANCE	



OPTIONAL ACCESSORIES	
PAL1-FS	Floor Stand for PAL1-Series
PAL1-MG	Magnetic Mounting Bracket for PAL1-Series
PAL1-TP	Tripod for PAL1-Series and WKL1-Series

1. Due to the special conditions of manufacturing, the typical data of optical specifications can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data.

2. Exceeding maximum ratings for input voltage and current will cause hazardous overload and will likely destroy the LED fixture.

3. Refer to Warranty Terms & Conditions available at premiseled.com/warranty

Specifications and dimensions
subject to change without notice.

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