

PAR30-12W-XPW-120ASD-W

LED Dimmable Light Bulb, Par30, E26 Base
120VAC, Pure White, 5500K
24° Viewing Angle

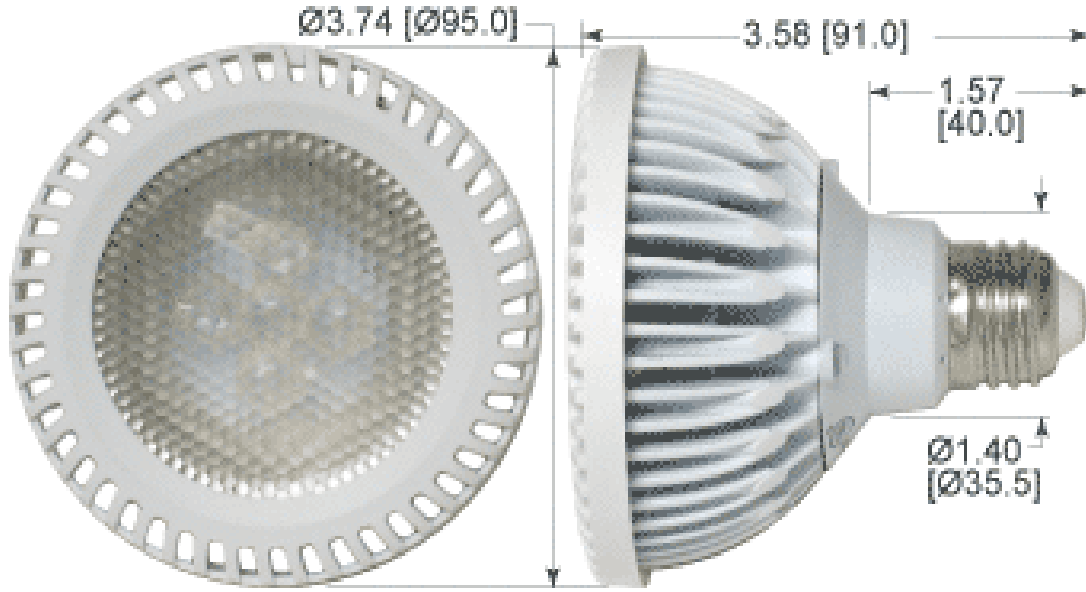
DWG BY:
LET / GP
08-26-11

CHK BY:
PL
08-30-11

R&D:
BJ
08-26-11

REVISION LTR: -

08-26-11



Notes:

- 1. Dimensions are in Inches [Millimeters].



o Specification

Input Voltage (typ)	110~120VAC
Tested @ (Voltage)	120VAC
Power Consumption	10W typ
Current Consumption	0.082 A
Efficacy: (Lm/W)	55
Lumens	538 lm
Total Ft-Cd	1743 cd
Power Factor	0.99
CRI	75
Color Temperature	5000K~6000K
Color	Pure White
Viewing Angle	24°
Operating Temperature	-20°C to +40°C
Housing Temperature	60°C
Body Color	White
Weight	0.60 lbs.

Features

- Designed as a direct retrofit to most PAR30 lighting fixtures.
- High energy efficiency. 12W LED lamp, for replacement of 75W halogen lamp. Power factor is over 0.93
- Unique thermal system. It's effective to keep LED junction temperature below 90°C, with only 46°C of housing temperature.
- Long life. 50,000 hours rated life to 70% of initial light output.
- Unique optics design creates the best user experience.
- Excellent color rendering. CRI- 75 with pure white.
- UV and IR free

Application Information

Applications

Tracking lighting
Spot lighting
Display and cabinet lighting
Architectural lighting
Art gallery and museum
Industrial and commercial area lighting

Description

Our flagship PAR30 LED SSL replacement lamp is a true representation of what the future of LED lighting holds. It utilizes CREE XPG LED to reach 70 lumens per watt, with only 7 watts / 10 watts of power consumption. With the uniquely designed and well-matched optic lens, it delivers even light and optimizes user experience.

Notes

- Operating temperature range between -20°C and +40°C (-4°F and +104°F).
- For used in dry indoor only.
- Not for use where exposed to weather.
- Not for use in totally enclosed recessed fixtures.
- Not intended for use with emergency exit fixtures or emergency lights.

Recommended dimmers

- **Lutron:** DIVA DV-600P; GLYDER GL-600-WA; CEANA TM CN-600P; LUMEA LG-600P

Luminaire Photometric Report

Filename: PAR30-12W-XPW-120ASD-W

Manufacturer: LEDTRONICS

Luminaire: CLEAR LENS, 120VAC, 9.7W

Luminaire Cat: PAR30-12W-XPW-120ASD-W

Lamp: LUMEN RATING: 538.0Lms

Lamp Output: 1 lamp(s), rated Lumens/lamp: 538

Max Candela: 1,743.0 at Horizontal: 0°, Vertical: 1°

Luminous Opening: Point

Test: 8-24-11

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	423.3	78.7%	78.7%
0-40	474.7	88.2%	88.2%
0-60	520.8	96.8%	96.8%
60-90	17.2	3.2%	3.2%
70-100	6.5	1.2%	1.2%
90-120	0	0%	0%
0-90	538.0	100%	100%
90-180	0	0%	0%
0-180	538.0	100%	100%

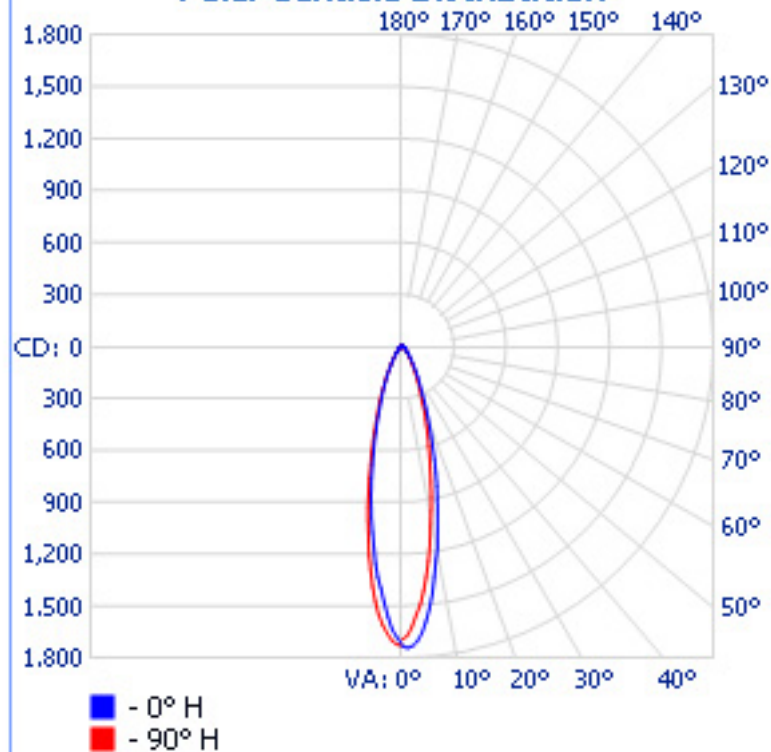
Illuminance at a Distance

Center Beam FC Beam Width

1.7ft	623.16 fc	0.7ft	0.7ft
3.3ft	155.79 fc	1.5ft	1.4ft
5.0ft	69.24 fc	2.2ft	2.1ft
6.7ft	38.95 fc	3.0ft	2.9ft
8.3ft	24.93 fc	3.7ft	3.6ft
10.0ft	17.31 fc	4.5ft	4.3ft

■ Vert. Spread: 25.3° ■ Horiz. Spread: 24.2°

Polar Candela Distribution



Isofootcandle Plot

