

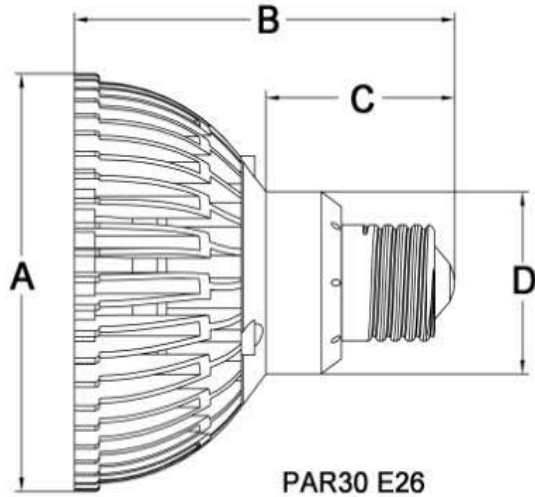
**PAR30-12W-XIW-120AMD-W**  
LED Dimmable Light Bulb, Par30, E26 Base  
120VAC, Warm White, 3000K  
39° Viewing Angle

DWG BY:  
LET / GP  
09-01-11

CHK BY:  
PL  
09-01-11

R&D:  
BJ  
09-01-11

REVISION LTR: -  
  
09-01-11



○ **Dimension**

A (mm)	B (mm)	C (mm)	D (mm)
95	91	40	35.5

Notes:

1. Dimensions are in Millimeters.

○ **Specification**



Input Voltage (typ)	110~120VAC
Tested @ (Voltage)	120VAC
Power Consumption	13W typ
Current Consumption	0.119 A
Efficacy: (Lm/W)	32
Lumens	434 lm
Total Ft-Cd	804 cd
Power Factor	0.94
CRI	82
Color Temperature	3000K~3200K
Color	Warm White
Viewing Angle	39°
Operating Temperature	-20°C to +40°C
Housing Temperature	64°C
Body Color	White
Weight	0.6375 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- 80 with warm 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-XIW-120AMD-W

**Manufacturer:** LEDTRONICS

**Luminaire:** PRISMATIC LENS, 120VAC, 13.4W

**Luminaire Cat:** PAR30-12W-XIW-120AMD-W

**Lamp:** LUMEN RATING: 433.7Lms.

**Lamp Output:** 1 lamp(s), rated Lumens/lamp: 433.7

**Max Candela:** 804.0 at Horizontal: 0°, Vertical: 0°

**Luminous Opening:** Point

**Test:** 8-31-11

### Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	339.0	78.2%	78.2%
0-40	391.8	90.3%	90.3%
0-60	423.2	97.6%	97.6%
60-90	10.6	2.4%	2.4%
70-100	3.8	0.9%	0.9%
90-120	0	0%	0%
0-90	433.7	100%	100%
90-180	0	0%	0%
0-180	433.7	100%	100%

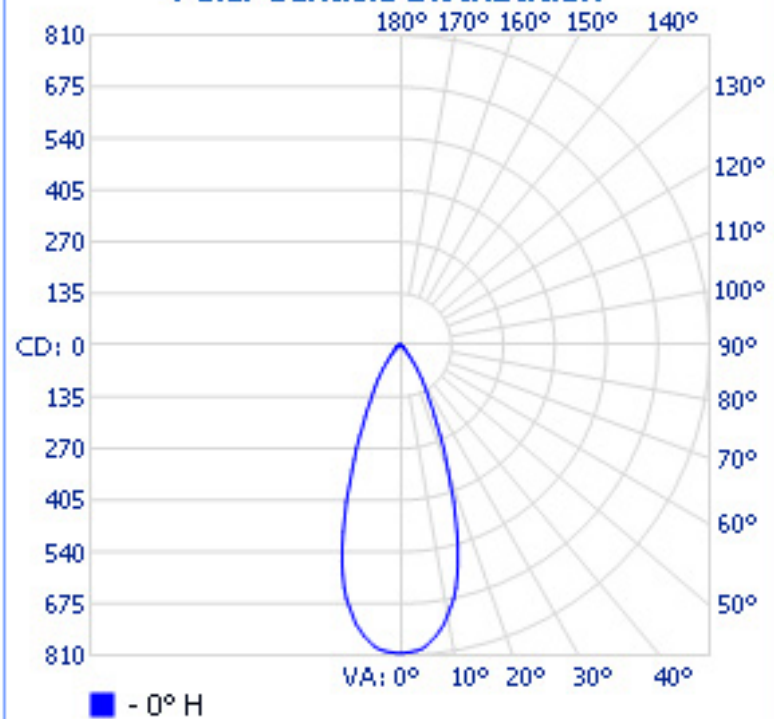
### Illuminance at a Distance

Center Beam FC      Beam Width

1.7ft	<b>289.44 fc</b>	<b>1.2ft</b>
3.3ft	<b>72.36 fc</b>	<b>2.4ft</b>
5.0ft	<b>32.16 fc</b>	<b>3.6ft</b>
6.7ft	<b>18.09 fc</b>	<b>4.8ft</b>
8.3ft	<b>11.58 fc</b>	<b>6.0ft</b>
10.0ft	<b>8.04 fc</b>	<b>7.1ft</b>

■ Beam Spread: 39.3°

### Polar Candela Distribution



### Isofootcandle Plot

