



LUXPAR™

LUX ON TARGET

High Performance Dimmable PAR38 Lamp

LuxPAR™ LED PAR38 combines LedEngin's industry leading high performance LED technology with optical, electrical, and thermal management solutions to deliver the lighting equivalence of a conventional 75W halogen PAR38 lamp and the benefits of solid state lighting. LuxPAR delivers the quality and quantity of light required for a broad range of dimmable recessed and down lighting applications in spot, narrow flood and flood beams.

Recessed and Track Lighting Applications:

- Retail
- Hospitality
- Restaurants
- Museum
- General lighting

Features

- 75% power savings over 75W halogen and > 10 times the service life
- Precision optic delivering a smooth gradient light beam pattern
- Well-controlled light with minimal discomfort glare
- Exceeds 45 lm/W in 3100K and 4100K color temperatures
- Dimmable with compatible dimmers*
- Industry-leading lumen maintenance
- Color point stability exceeds 7x Energy Star requirements
- 120VAC; Mercury and lead-free; RoHS compliant
- 3 year limited warranty

Product Options and Optical Specifications - Typical Values @ T_a=25°C

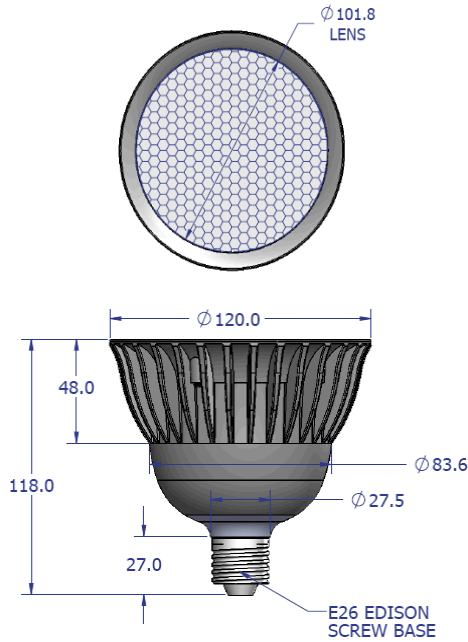
Beam Angle	Part Number	Color Temperature (K)	Center Beam Candlepower (cd)	Light Output (Lumens)	Color Rendering Index (CRI)
Spot 15°	LP38-031W27	Warm White 2700K	4950	700	85
	LP38-031W29	Warm White 2900K	5300	750	85
	LP38-031W31	Warm White 3100K	6000	800	85
	LP38-031N41	Neutral White 4100K	6750	960	80
Narrow Flood 23°	LP38-032W27	Warm White 2700K	3300	700	85
	LP38-032W29	Warm White 2900K	3525	750	85
	LP38-032W31	Warm White 3100K	4000	800	85
	LP38-032N41	Neutral White 4100K	4500	960	80
Flood 32°	LP38-033W27	Warm White 2700K	1600	700	85
	LP38-033W29	Warm White 2900K	1700	750	85
	LP38-033W31	Warm White 3100K	1900	800	85
	LP38-033N41	Neutral White 4100K	2200	960	80

* For compatible dimmers, please visit

http://www.ledengin.com/luxpar/PAR38_recommended_dimmers.pdf

LuxPAR38 (02/11)

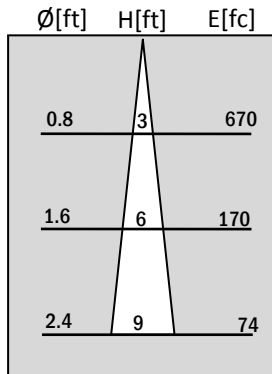
Outline Dimensions



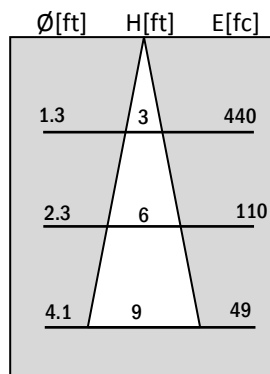
Operating Specifications

Parameter	Value
Input Voltage	90VAC – 264VAC
Power Consumption	17W
Ambient Temperature	-40°C to +55°C
Storage Temperature	-40°C to +85°C
Lumen Maintenance	Average >70% at 50K hours, T _A 25°C

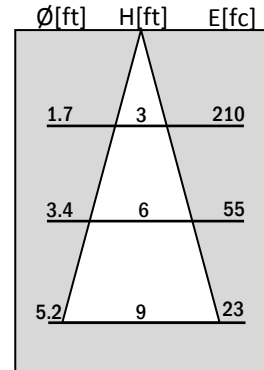
Beam Spread Chart



3100K Spot Beam



3100K Narrow Flood Beam



3100K Flood Beam

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High Performance
LED PAR38 Lamp

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CAUTION – Risk of Electric Shock – Do Not Use Where Directly Exposed to Water
Not For Use Where Exposed to the Weather

Suitable of Damp Locations

This device is not intended for use with emergency fixtures or emergency exit lights.

"ADDED WEIGHT MAY CAUSE INSTABILITY OF FREE-STANDING PORTABLE LAMPS. Use only with portable lamps in which the distance from the bottom of the base to the top of the lampholder does not exceed three (3) times the base width. Use only with portable lamps which are provided with lamp shades."