



LUXPAR™

LUX ON TARGET

High Performance 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 recessed and down lighting applications in spot, narrow flood and flood beams.

Recessed and Track Lighting Applications:

- Retail
- Hospitality
- Museum
- General lighting

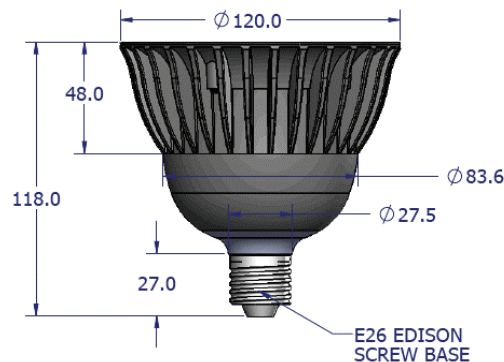
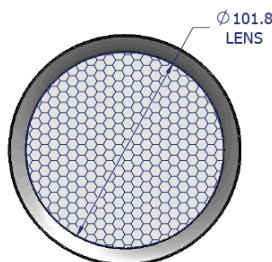
Features

- 75% power savings over 75W halogen and > 10 times the service life
- Precision optic delivering a smooth gradient light beam pattern with minimal glare
- 120VAC
- Industry-leading lumen maintenance and color point stability
- Power factor 0.93 for commercial installations
- Dimmable with standard dimmers
- Fits most PAR38 fixtures
- UL, cUL, FCC pending
- Mercury and lead-free
- 3 year limited warranty

Product Options

.P38 -	<input type="checkbox"/> Beam Angle	<input type="checkbox"/> Color Temperature
<input type="checkbox"/> 031	15° Spot	<input type="checkbox"/> W27 2700K
<input type="checkbox"/> 032	23° NF	<input type="checkbox"/> W29 2900K
<input type="checkbox"/> 033	32° Flood	<input type="checkbox"/> W31 3100K
		<input type="checkbox"/> N41 4100K

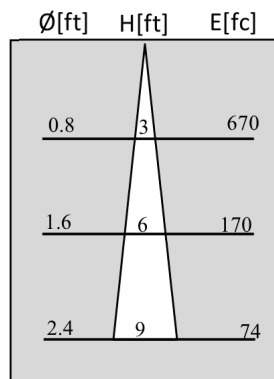
Outline Dimensions



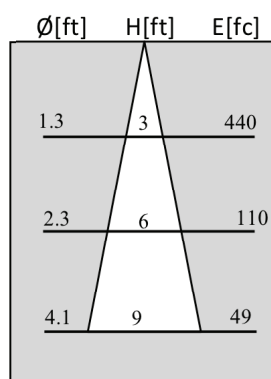
Optical Performance – Typical Values @ T_c=25° C

Beam Angle	Part Number	Color Temperature (K)	Center Beam Candlepower (cd)	Illuminance at 9' (Fc)	Light Output (Lumens)	Color Rendering Index (CRI)
Spot 15°	LP38-031W27	Warm White 2700K	4950	61	700	85
	LP38-031W29	Warm White 2900K	5300	65	750	85
	LP38-031W31	Warm White 3100K	6000	74	800	85
	LP38-031N41	Neutral White 4100K	6750	83	960	75
Narrow Flood 23°	LP38-032W27	Warm White 2700K	3300	41	700	85
	LP38-032W29	Warm White 2900K	3525	44	750	85
	LP38-032W31	Warm White 3100K	4000	49	800	85
	LP38-032N41	Neutral White 4100K	4500	56	960	75
Flood 32°	LP38-033W27	Warm White 2700K	1600	20	700	85
	LP38-033W29	Warm White 2900K	1700	21	750	85
	LP38-033W31	Warm White 3100K	1900	23	800	85
	LP38-033N41	Neutral White 4100K	2200	27	960	75

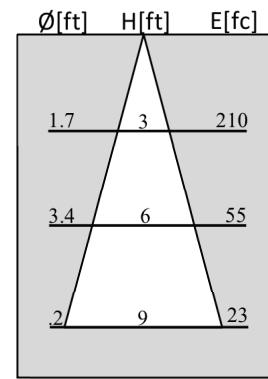
Beam Spread Chart



3100K Spot



3100K Narrow Flood



3100K Flood Beam

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High Performance
LED PAR38 Lamp

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Operating Specifications

Parameter	Value
Input Voltage	120VAC
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