



LUXPAR™

LUX ON TARGET

High Performance LED PAR20 Lamp

LuxPAR™ LED PAR20 combines LedEngin's industry leading high performance LED technology with optical, electrical, and thermal management solutions to deliver the lighting equivalence of a conventional 50W halogen PAR20 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
- Restaurants
- Museum
- General lighting

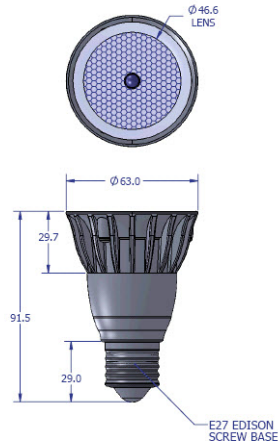
Features

- 85% power savings over 50W halogen and > 10 times the service life
- Precision optic delivering high quality smooth gradient light beam pattern
- Industry leading lumen maintenance and color point stability
- 120VAC
- Power factor 0.85
- Dimmable with standard dimmers
- UL, cUL certified
- Mercury and lead-free
- 3 year limited warranty

Product Options

LP20 -	Beam Angle	Color Temperature
<input type="checkbox"/>	031 15° SP	<input type="checkbox"/> W27 2700K
<input type="checkbox"/>	032 23° NF	<input type="checkbox"/> W29 2900K
<input type="checkbox"/>	033 35° Flood	<input type="checkbox"/> W31 3100K
		<input type="checkbox"/> N41 4100K

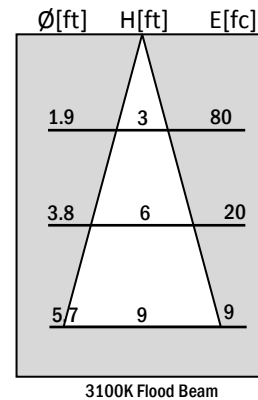
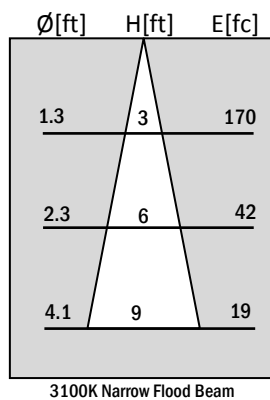
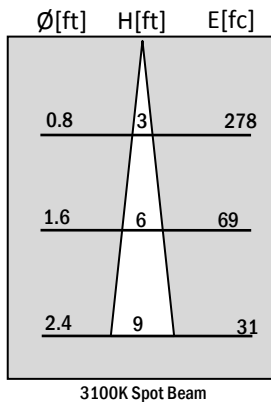
Outline Dimensions



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°	LP20-031W27	Warm White 2700K	2200	27	275	85
	LP20-031W29	Warm White 2900K	2350	29	285	85
	LP20-031W31	Warm White 3100K	2500	31	300	85
	LP20-031N41	Neutral White 4100K	3000	37	350	75
Narrow Flood 23°	LP20-032W27	Warm White 2700K	1300	16	275	85
	LP20-032W29	Warm White 2900K	1400	17	285	85
	LP20-032W31	Warm White 3100K	1500	19	300	85
	LP20-032N41	Neutral White 4100K	1800	22	350	75
Flood 35°	LP20-033W27	Warm White 2700K	600	7	275	85
	LP20-033W29	Warm White 2900K	650	8	285	85
	LP20-033W31	Warm White 3100K	700	9	300	85
	LP20-033N41	Neutral White 4100K	850	10	350	75

Beam Spread Chart



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LedEngin, Inc.



Contact Information

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Operating Specifications

Parameter	Value
Input Voltage	120VAC
Power Consumption	6.7W
Ambient Temperature	-40°C to +45°C
Storage Temperature	-40°C to +85°C
Lumen Maintenance	Average >70% at 50K hours, T _A 25°C