



# LED PAR46 Spot & Flood Lighting Bulb

18 Watts – 120VAC – Clear PC Lens – 30° Beam – 4000K True White



### FEATURES

- 3 Year LEDtronics Warranty
- Lumen Maintenance over 70% @ 50,000+ Hrs.
- Energy Savings of up to 75% over Halogens
- 3-Pronged, 2-Contact Disconnect Lugs, Screw Terminals for Wire Leads
- Durable Black Polycarbonate Housing, Clear PC Lens; UV-Resistant Body Eliminates Dust/ Dirt Buildup
- Fast On/Off Response Time for Flashing Applications (with External Flasher)
- Solid State – High-Shock & Vibration Resistant
- Even, Instant-On Lighting, No Flickering
- No UV Radiation, No RF Interference, Minimal Heat Generation

### APPLICATIONS

- Housings Accepting PAR46 Style Bulbs
- Architectural Accent Lighting
- Wall Washing
- Home & Office Illumination
- Lighting for Restaurants, Hotels, Shopping Malls, Casinos & Bars
- Display Lighting for Museums & Galleries
- Exhibition & General Lighting

### AVAILABLE OPTIONS

- Other Colors or White CCTs
- Other Voltages
- Other Connector Options
- 'MADE IN USA' Option

Over 35 Years of LEDtronics Design, Engineering & Manufacturing Experience

Natural White 4000K Light Illuminates under any Signal Colored Lens: Red, Amber, Yellow or Green

Directional Beacon Lighting with a Lens Design that Improves Brightness



### PAR46-18W-XNW-120AM

<b>Input Power</b>	18.5 Watts
<b>Input Voltage</b>	120VAC
<b>Input Current</b>	0.262A
<b>Total Lumens</b>	2050 lm
<b>Efficacy</b>	111 lm/W
<b>Max. Candela</b>	5743 cd
<b>Power Factor</b>	0.59
<b>Illumination Angle</b>	32° x 31°
<b>LED Emitted Color</b>	True White
<b>Color Temperature</b>	4000K
<b>Dimmability</b>	Not Dimmable
<b>Base</b>	Polycarbonate / Black
<b>Lens</b>	Polycarbonate / Clear
<b>Operating Temp.</b>	-4°F ~+176°F -20°C ~+80°C
<b>Heatsink Temp.</b>	52°C / 125.6°F
<b>Dimensions</b>	H3.90 x WØ5.62 inch H99.1 x WØ142.75 mm
<b>Net Weight</b>	0.93 lb / 422 g

WWW.LEDTRONICS.COM

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Check LEDTRONICS.COM for latest data. Printed material may be outdated.

**LEDTRONICS**  
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## Luminaire Photometric Report

**Filename:** PAR46-18W-XNW-120AM  
**Manufacturer:** LEDTRONICS  
**Luminaire:** CLEAR LENS, 18.5W, 120VAC  
**Lamp Output:** 1 lamp(s), rated Lumens/lamp: 2050.9  
**Max Candela:** 5,742.8 at Horizontal: 0°, Vertical: 0°  
**Luminous Opening:** Point  
**Test:** 7-22-21  
**Photometry :** Type C  
**CIE Class:** Direct  
**Cutoff Class:** Cutoff  
**Nema Type:** 4 X 4

### Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	471.8	23.0%	90-100	5.2	0.3%
10-20	809.7	39.5%	100-110	2.7	0.1%
20-30	400.2	19.5%	110-120	2.0	0.1%
30-40	131.7	6.4%	120-130	3.1	0.2%
40-50	81.2	4.0%	130-140	3.8	0.2%
50-60	58.6	2.9%	140-150	3.1	0.2%
60-70	40.4	2.0%	150-160	1.3	0.1%
70-80	24.4	1.2%	160-170	0	0%
80-90	11.7	0.6%	170-180	0	0%

### Illuminance at a Distance

	Center Beam FC	Beam Width	
1.7ft	<b>2,067.41 fc</b>	<b>1.0ft</b>	<b>0.9ft</b>
3.3ft	<b>516.85 fc</b>	<b>1.9ft</b>	<b>1.8ft</b>
5.0ft	<b>229.71 fc</b>	<b>2.9ft</b>	<b>2.8ft</b>
6.7ft	<b>129.21 fc</b>	<b>3.8ft</b>	<b>3.7ft</b>
8.3ft	<b>82.70 fc</b>	<b>4.8ft</b>	<b>4.6ft</b>
10.0ft	<b>57.43 fc</b>	<b>5.8ft</b>	<b>5.5ft</b>

■ Vert. Spread: 32.2°     ■ Horiz. Spread: 31.0°

