



LED PAR38 17-Watt Dimmable Light Bulb

E26 Base / IP65-Rated – Sealed for Wet Locations

PAR38-17W-XPW-120AMD



Consumes Only 17 Watts – Replaces Halogens up to 90 Watts – Up 80% Power Savings

Operates on 120VAC — 40° Medium Beam — 5500K Pure White

FEATURES

- **Lamp Warranty:** 3 Years
- **Directly Replaces** Incandescent, Compact Fluorescent and Halogen Bulbs in PAR38 Fixtures with Edison-Base E26 Sockets
- **Dimmable** with Standard Lamp Dimmers – Compatible with Most LED Phase-Control Dimmers (*Check for Recommended Models for Best Results at LEDtronics.com/dimmers*)
- **Long Lifespan:** White LED Lumen Maintenance Greater than 70% at 50,000 Hours of Operation (*Rated average life based on engineering testing and probability analysis*)
- **Weatherproof:** Moisture-Resistant Indoor/Outdoor Use (*Please see Precautionary Notes*)
- **Meets IP65 Requirements:** Totally Protected against Dust; Protected against Low-Pressure
- **Jets of Water from All Directions.** Limited Ingress Permitted.
- **Solid Construction:** UV-Stabilized Acrylic Plastic Lens, Aluminum Alloy Housing with Polyamide Sleeve
- **Highest-Grade Components:** Uses Premium LEDs
- **High CRI** Enhances All Colors
- **Clean Light:** Constant Light Output, No Halation
- White Body Color
- **Wide Operating Temperature Range:** ~-20°C to ~+40°C (~-4°F to ~+104°F)
- **Safety Assurance:** UL Listed
- **Eco-Friendly:** ROHS Compliant – No Hazardous Materials

SPECIFICATIONS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

PART NUMBER	PAR38-17W-XPW-120AMD
Emitted Color	Pure White
Color Temperature	5000K~6000K
Color Rendering Index	75
Viewing Angle	40° [Full Beam Width @ 50% Intensity]
Input Voltage	110-120VAC [Tested @ 120VAC]
Input Current	0.153A
Power Factor	0.92
Power Used	16.8 Watts typ
Efficacy	59 lm/Watt
Total Lumens	999 lm
Max. Candela	1,573 cd
Ambient Operating Temp.	~-4°F to ~+104°F (~-20°C to ~+40°C)
Dimensions	L 5.25" [133.4mm] x W Ø4.72" [Ø120.0mm]
Net Weight	1.375 lbs / 22 oz / 624g

WHITE BODY

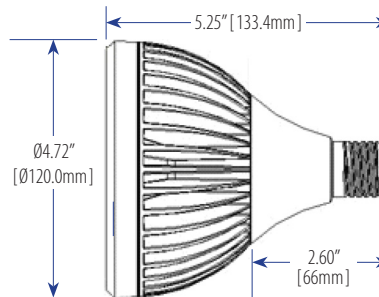


APPLICATIONS

- Track Lighting, Accent Lighting
- Floodlight/Security Light/Emergency Light
- General/Architectural and Landscape Lighting
- Display Case fixtures and Cabinet Lighting
- Museums / Galleries
- Theatrical Effects Lighting

BENEFITS

- **Major Power Savings:** Up to 80% over Halogens
- **Low Maintenance:** Lowers Costs by Reducing Re-lamp Frequency
- **High Shock / Vibration Resistant:** Both Electrical and Mechanical
- **Solid-State:** Fast Turn-On, No Power Surge
- **Emissions-Free:** No Ultraviolet, No Infrared
- **Reduces Light Pollution:** "Dark Skies" Initiative-Compatible
- **Easy Installation:** Designed as a Direct Retrofit into Most Existing PAR38 Fixtures
- **Stays Cooler** than Comparable Incandescent Lamps



Ideal for Use with Alternate or Renewable Energy Resources – Solar & Wind Power



CAUTION NOTES

Suitable for use in open luminaires only. To prevent overheating of the lamp, which may cause premature failure, do not install in totally enclosed fixtures. Recessed fixtures with some type of venting are recommended for use with these lamps. LED PAR Bulbs must not exceed the ambient operating temperature range: ~-4°F to ~+104°F [~-20°C to ~+40°C]

White LED technology is patent protected in the United States. LEDtronics white LED products are covered under these patents.



PAR38-17W-XPW-120AMD

Luminaire Photometric Report

Filename: PAR38-17W-XPW-120AMD

Manufacturer: LEDTRONICS

Luminaire: CLEAR LENS, 120VAC, 16.8W

Luminaire Cat: PAR30-12W-XPW-120AMD

Lamp: LUMEN RATING: 998.5Lms

Lamp Output: 1 lamp(s), rated Lumens/lamp: 998.5

Max Candela: 1,573.0 at Horizontal: 45°, Vertical: 0°

Luminous Opening: Point

Test: 9-7-11

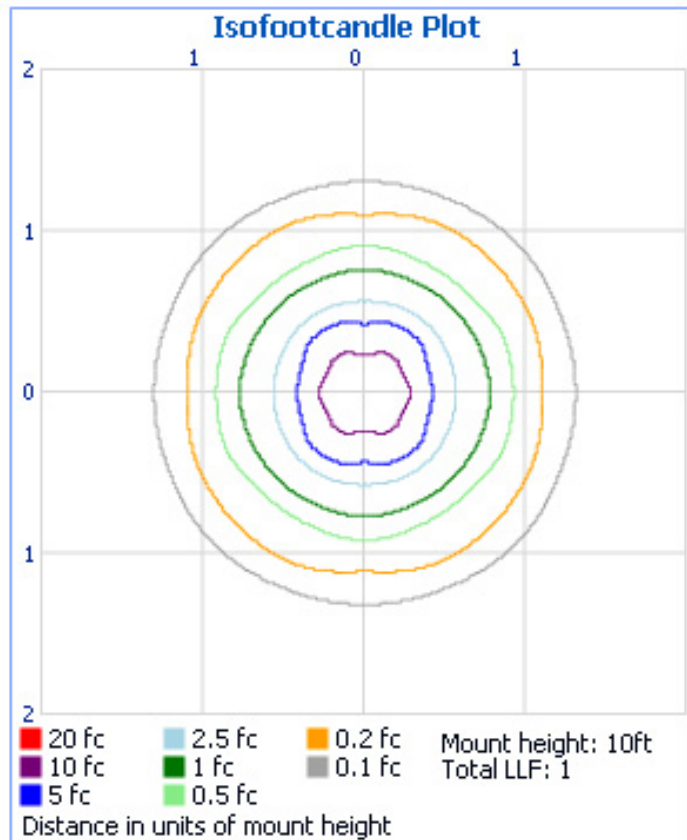
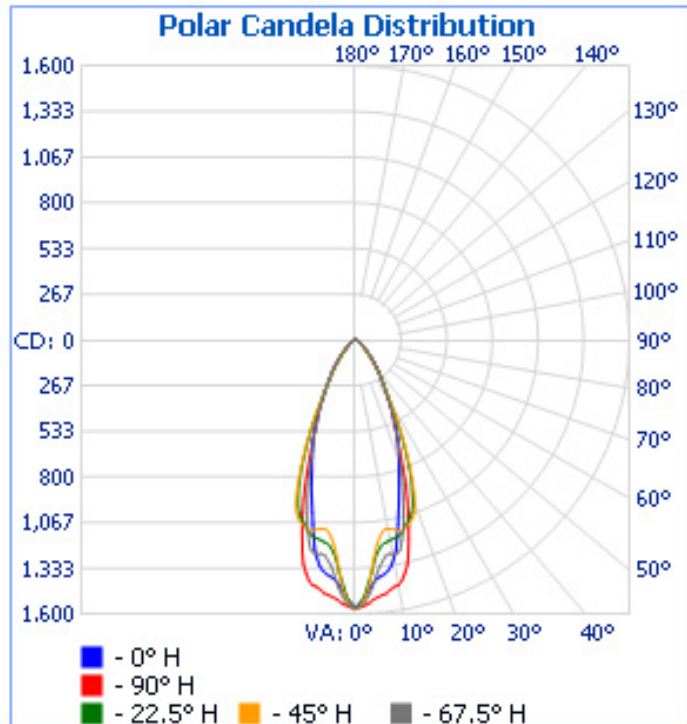
Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	708.6	71%	71%
0-40	861.8	86.3%	86.3%
0-60	971.9	97.3%	97.3%
60-90	26.6	2.7%	2.7%
70-100	8.4	0.8%	0.8%
90-120	0	0%	0%
0-90	998.5	100%	100%
90-180	0	0%	0%
0-180	998.5	100%	100%

Illuminance at a Distance

	Center Beam FC	Beam Width	
1.7ft	561.96 fc	1.2ft	1.3ft
3.3ft	140.49 fc	2.4ft	2.5ft
5.0ft	62.44 fc	3.6ft	3.8ft
6.7ft	35.12 fc	4.8ft	5.0ft
8.3ft	22.48 fc	6.0ft	6.3ft
10.0ft	15.61 fc	7.2ft	7.5ft

■ Vert. Spread: 39.5° ■ Horiz. Spread: 41.3°



CAUTION When Installing Lamps in Potentially Corrosive Outdoor Environments

LEDtronics suggests that a silicone moisture-barrier sealant be used to protect the metal-threaded base of the LED bulb.

Sealant is highly recommended for all outdoor-environment LED bulb installations to prevent water and/or moisture incursion that can lead to premature degradation of the bulb base and eventual bulb failure.

This is especially recommended for LED bulb installations near saltwater bodies.

Dow Corning Molykote® 111 Valve Lubricant and Sealant is a high-temperature, moisture-resistant, silicone grease. If liberally applied to the clean surface of the lamp socket and the base of the lamp itself, it will provide moisture and corrosion resistance.