



High-Efficacy LED PAR38 15W Bulb/Dimmable/E26 Base

PAR38-15W-XIW-120AMD



Consumes Only 15 Watts – Directly Replaces Halogens up to 100 Watts – Up to 90% Power Savings

110-120VAC — 3000K Warm White — Medium Beam — E26/E27 Medium Base

FEATURES

- **Lamp Warranty:** 3 Years
- **Directly Replaces** Compact Fluorescent and Halogen Bulbs in PAR38 Edison-Base Fixtures
- **Flexible Voltage:** 110-120VAC
- **Long Operating Life:** White LEDs Last Up to 50,000 Hours
- **Sturdily Built:** UV-Stabilized Plastic Lens, Aluminum Body
- **Highest-Grade Components:** Uses Premium CREE LEDs
- **High CRI** of 82 Enhances All Colors
- **Eco-Friendly:** ROHS Compliant – No Hazardous Material
- **Safety Assurance:** UL Listed
- **Wide Operating Temperature Range:** ~-20°C to ~+40°C (~-4°F to ~+104°F)
- For Use in Dry Areas Only – Not for Use Where Exposed to Weather
- Not for Use in Totally Enclosed Fixtures



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

BENEFITS

- **Major Power Savings:** Up to 90% over Halogens
- **Solid-State:** Fast Turn-On, No Power Surge
- **Clean Light:** Constant Light Output, No Halation
- **Emissions-Free:** No Ultraviolet, No Infrared
- **Reduces Light Pollution:** "Dark Skies" Initiative-Compatible
- **High Shock / Vibration Resistant:** Both Electrical and Mechanical
- **Easy Installation:** Using Existing PAR20 Fixtures
- **Stays Cooler** than Comparable Incandescent & CFLs – Reduces A/C Costs and Fire Hazard

APPLICATIONS

- Track Lighting
- Spot Lighting
- Display / Cabinet Lighting
- Architectural Lighting
- Art Gallery and Museum Lighting

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].

- Risk of electrical shock. Not for use where directly exposed to water. This product is intended for indoor use or in a weather-protected fixture only.
- Not intended for use with emergency exit fixtures or emergency lights.
- Intense LED light source. Do not stare directly into the beam.



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

SPECIFICATIONS

PART NUMBER	PAR38-15W-XIW-120AMD
Emitted Color	Warm White
Color Temperature	3000K
Color Rendering Index	82
Viewing Angle	45°±3° [Full Beam Width @ 50% Intensity]
Input Voltage	110-120VAC [Tested @ 120VAC]
Input Current	0.160A
Power Factor	0.96
Power Used	15.0 Watts typ / 18.3 Watts max
Efficacy	51 lm/Watt
Total Lumens	762 lm
Max. Candela	1073 cd @ Horiz: 0, Vert: 0
Ambient Operating Temp.	~-20°C to ~+40°C (~-4°F to ~+104°F)
Dimensions	L 5.59" [142.0mm] x W 4.72" [120.0mm]
Weight	1.225 lbs / 556 g



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LED PAR38 15-Watt Medium-Base Dimmable Bulb

PAR38-15W-XIW-120AMD

Luminaire Photometric Report

Filename: PAR38-15W-XIW-120AMD

Manufacturer: LEDTRONICS -

Luminaire: PRISMATIC LENS, 120VAC, 18.3W

Luminaire Cat: PAR38-15W-XIW-120AMD

Lamp: LUMEN RATING: 762.1Lms.

Lamp Output: 1 lamp(s), rated lamp lumens: 762.1

Max Candela: 1,073.0 at Horizontal: 0, Vertical: 6

Luminous Opening: Point

Test: 10-26-10

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	86.9%	662.2	81.5	81.1
Beam (50%):	51.9%	395.7	45.3	44.6
Total:	100%	762.1		

Illuminance at a Distance

	Center Beam FC	Beam Width	
1.7ft	361.80 fc	1.4ft	1.4ft
3.3ft	90.45 fc	2.7ft	2.8ft
5.0ft	40.20 fc	4.1ft	4.2ft
6.7ft	22.61 fc	5.5ft	5.6ft
8.3ft	14.47 fc	6.8ft	7.0ft
10.0ft	10.05 fc	8.2ft	8.4ft

■ Vert. Spread: 44.6° ■ Horiz. Spread: 45.3°

