



Operates on 90-290VAC — 3000K Warm or 5000K Pure White — 115° Wide Beam — E26 Screw Base

Direct Replacement of Halogen Lamps Up to 90 Watts – Uses 18 Watts – Up to 80% Energy Savings

FEATURES

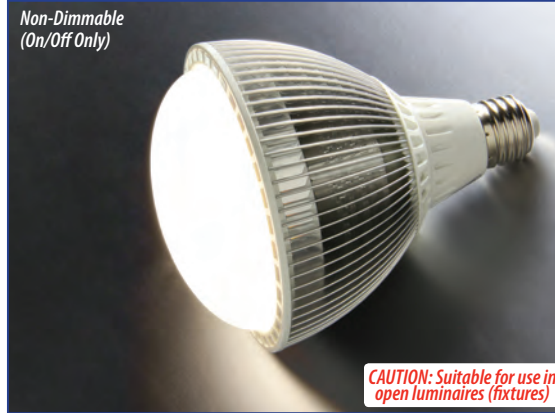
- **Lamp Warranty:** 3 Years
- **Easy Installation:** Designed as a Direct Retrofit into Most PAR38 Fixtures Using Existing 26mm-Base Sockets
- **Long Lifespan:** White LED Lumen Maintenance Greater than 70% at 50,000 Hours of Operation (*Rated average life based on engineering testing and probability analysis*)
- **Wide Input Voltage Range:** 90-290VAC – Adapts to Wide Range of International Voltages
- **Wide Viewing Angle:** 115 Degrees
- **Super Intensity:** Up to 1560 lumens
- **High CRI** Enhances All Colors
- **Solid Construction:** UV-Stabilized Polycarbonate Frosted Lens
- **Lighter Weight:** Only 11 ounces
- **Solid-State:** High-Shock and High-Vibration Resistant
- **Wide Operating Temperature Range:** ~-4°F to ~+104°F [~-20°C to ~+40°C]
- **Eco-Friendly:** RoHS Compliant

SPECIFICATIONS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

PART NUMBER	PAR38WF-18W-XxW-001A
Input Voltage	90~290VAC [Tested @ 120VAC]
Viewing Angle	115° [Full Beam Width @ 50% Intensity]
CRI	80+
Power Factor	0.99
Ambient Operating Temp.	~-4°F to ~+104°F ~-20°C to ~+40°C
Base Type	E26 / E27 Screw-in
Body Color	Silver / White
SMD LEDs	LM80
Dimensions	L150.4mm x Ø118.1mm
Weight	0.69 lbs / 11.04 oz / 313 g

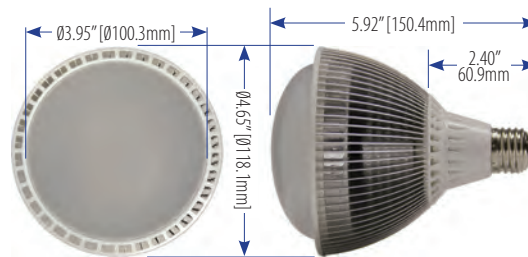
PART NUMBER	INPUT CURRENT	ENERGY USED	EFFICACY	TOTAL LUMENS	MAXIMUM CANDELA	COLOR TEMP.	EMITTED COLOR
WARM WHITE							
PAR38WF-18W-XIW-001A	0.149 A	17.8 Watts	78 lm/W	1396 lm	435 cd	2800K~3200K	Warm White
PURE WHITE							
PAR38WF-18W-XPW-001A	0.146 A	17.4 Watts	90 lm/W	1560 lm	467 cd	4500K~5500K	Pure White



BENEFITS

- **Major Power Savings:** Up to 80% Less Energy Usage Compared to Filament Bulbs
- **Low Maintenance:** Sturdy Construction and Longer Operational Life Lower Costs by Reducing Re-lamp Frequency
- **Cool Operation:** Doesn't Get Hot to the Touch / Reduces Air Conditioning Load
- **Even Lighting:** High Intensity / No Halation
- **Environment-Friendly:** No Mercury Content, No Lead
- **No Hazardous Emissions:** No UV or IR Radiation – Does Not Attract Insects; No RF Interference
- **Instant Light:** No Flicker or Delayed Startup Time

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



APPLICATIONS

- Track & Accent Lighting
- Outdoor or Indoor Flood Lighting (*Not Intended for Wet Locations*)
- Display Case Fixtures & Cabinet Lighting
- Internal Security/ Emergency Lighting
- Museums & Galleries

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

CAUTION

* *These models are for use with standard ON/OFF switches only, not with a dimmer. Use with any type of dimmer, relay or other current/voltage control circuit device will VOID WARRANTY.*

* *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]*

PHOTOMETRIC REPORTS

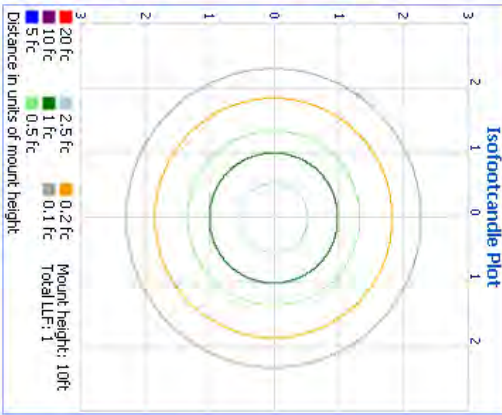
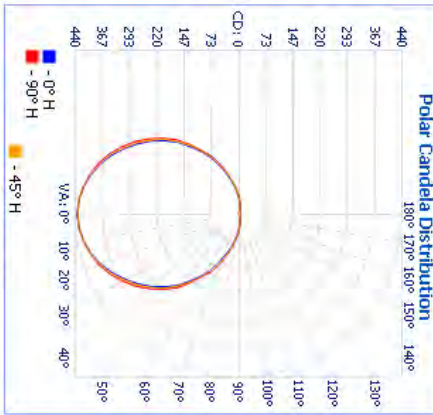
PAR38WF-18W-XIW-001A

Luminaire Photometric Report

Filename: PAR38WF-18W-XIW-001A
Manufacturer: LEDTRONICS
Luminaire: FROSTED LENS, 120VAC, 17.8W
Luminaire Cat: PAR38WF-18W-XIW-001A
Lamp: LUMEN RATING: 1396, 0Lms.
Lamp Output: 1 Lamp(s), rated Lumens/lamp: 1396
Max. Candela: 435.0 at Horizontal: 0°, Vertical: 0°
Luminous Opening: Point
Test: 1-30-13
Photometry: Type C
CIE Class: Direct
Cutoff Class: Semicutoff

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	331.0	23.7%	23.7%
0-40	539.5	38.6%	38.6%
0-60	957.7	68.6%	68.6%
60-90	353.7	25.3%	25.3%
70-100	230.1	16.5%	16.5%
90-120	71.1	5.1%	5.1%
0-90	1,311.4	93.9%	93.9%
90-180	84.7	6.1%	6.1%
0-180	1,396.0	100%	100%



PAR38WF-18W-XPW-001A

Luminaire Photometric Report

Filename: PAR38WF-18W-XPW-001A
Manufacturer: LEDTRONICS
Luminaire: FROSTED LENS, 120VAC, 17.4W
Luminaire Cat: PAR38WF-18W-XPW-001A
Lamp: LUMEN RATING: 1560, 0Lms.
Lamp Output: 1 Lamp(s), rated Lumens/lamp: 1560.1
Max. Candela: 467.0 at Horizontal: 45°, Vertical: 0°
Luminous Opening: Point
Test: 1-30-13
Photometry: Type C
CIE Class: Direct
Cutoff Class: Semicutoff

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	358.5	23%	23%
0-40	587.2	37.6%	37.6%
0-60	1,051.9	67.4%	67.4%
60-90	406.6	26.1%	26.1%
70-100	268.3	17.2%	17.2%
90-120	85.2	5.5%	5.5%
0-90	1,458.5	93.5%	93.5%
90-180	101.6	6.5%	6.5%
0-180	1,560.1	100%	100%

