



High-Power LED 18-Watt PAR38 All-Weather Bulbs

E26 Base / IP65-Rated – Sealed for Wet Locations

PAR38-17W-XxW-001x



Consumes 19 Watts or Less – Replaces Halogens up to 90 Watts – Up to 85% Power Savings

Operates on 90-290VAC — 25, 30 & 45 Degree Beams — 3000K/4200K/5500K White Colors

FEATURES

- **Lamp Warranty:** 3 Years
- **Directly Replaces** Compact Fluorescent and Halogen Bulbs in PAR38 Fixtures with Edison-Base E26 Sockets
- **Low Energy Consumption:** Only 19 Watts or Less
- **Flexible Voltage:** 90-290VAC
- **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*)
- **High CRI** of up to 82 Enhances All Colors
- **Solid Construction:** UV-Stabilized Acrylic Plastic Lens, Aluminum Alloy Housing with Polyamide Sleeve
- **Meets IP65 Requirements:** Totally Protected against Dust; Protected against Low-Pressure Jets of Water from All Directions. Limited Ingress Permitted.
- **Clean Light:** Constant Light Output, No Halation
- **Wide Operating Temp. Range:** ~-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-XxW-001x
Input Voltage	90-290VAC [<i>Tested @ 120VAC</i>]
Ambient Operating Temp.	~-20°C to ~+40°C (~-4°F to ~+104°F)
Ambient Humidity	90%
Dimensions	L 5.25" [133.4mm] x W Ø4.72" [Ø120.0mm]
Net Weight	1.38 lbs / 22 oz / 626g

Not for Use with Dimmers

CAUTION: Suitable for use in open luminaires (fixtures)



BENEFITS

- **Major Power Savings:** Up to 85% 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
- **Stays Cooler** than Comparable Incandescent Lamps

APPLICATIONS

- Track & Accent Lighting
- Floodlight/Security Light/Emergency Light
- General/Architectural & Landscape Lighting
- Display Case Fixtures & Cabinet Lighting
- Signage
- Industrial OEM Equipment Lighting
- Bio-Medical & Medical Applications
- Museums & Theatrical Effects Lighting

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

CAUTION NOTES

- * **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.
- * **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.

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

PART NUMBER	INPUT CURRENT	ENERGY USED <i>typ</i>	EFFICACY	TOTAL LUMENS	MAXIMUM CANDELA	CRI	EMITTED COLOR	COLOR TEMPERATURE	VIEWING ANGLE*
PAR38-17W-XIW-001S	0.241A	19 Watts	44 lm/W	844 lm	1739 cd	82	Warm White	3000K~3200K	30°
PAR38-17W-XWW-001S	0.207A	16 Watts	55 lm/W	885 lm	2246 cd	82	Natural White	4000K~4300K	25°
PAR38-17W-XPW-001S	0.230A	18 Watts	65 lm/W	1164 lm	3825 cd	75	Pure White	5000K~6000K	25°
PAR38-17W-XPW-001M	0.214A	17 Watts	68 lm/W	1131 lm	1824 cd	75	Pure White	5000K~6000K	40°

*Full Beam Width @ 50% Intensity

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