

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



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**LED30W-PAR38-D 25 Watt Dimmable LED**

**Lamp Type:** LED

**Watts:** 25

**Lumens:** 2500

**Dimensions:** 4.75" in diameter

**Voltage:** 110-240 VAC 50/60hz; 12-24 VAC; 12/24 VAC

**Color:** White (2700K, 4300K, 6000K)

**CRI:** >84 (White)

**Operating Temp:** -20°C to 85°C

**Materials:** Aluminum Housing - Polycarbonate Lens

**Dimmable:** Yes

**Beam Pattern:** 25° Spot OR 60° Flood

**Features**

ETL Listed

50,000 Hour Life Rating

Direct Replacement for PAR38 Bulbs

Rough Service

**Special Orders- Requirements**

Contact us for special requirements

**Toll Free:** 1-800-369-6671

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**The Larson Electronics LED30W-PAR38-D 25 Watt LED Style Bulb is designed to fit in standard light bulb sockets and provides durability, multi color options, and rough service that makes it ideal for industrial and commercial applications. This 25 watt LED replacement bulb provides 2500 lumens.**

The LED30W-PAR38-D is an LED light bulb that can serve as a PAR38 LED upgrade from standard light bulbs fitting E26 bulb sockets. Utilizing only 25 Watts and designed to operate with 110-240 Volts AC 50/60 Hz, 12-24 Volts AC, 9-32 Volts DC this lamp provides higher efficiency than traditional incandescent PAR38 bulbs and is a direct fit replacement. The light output is comparable to a 150 watt incandescent PAR38 bulb.

This lamp has an acceptable operating temperature range of -20°C to 85°C and an operational life of 50,000 hours. The solid state design of this lamp means it is resistant to the effects of impacts and vibrations, providing adding durability to withstand conditions that would cause a normal incandescent bulb to fail. The overall dimensions of the remote controlled LED light are the same as a standard PAR38 incandescent lamp, and the base is constructed of aluminum for durability and resistance to rust and corrosion.

The LED30W-PAR38-D is the ideal upgrade and/or replacement for security flood lights around the home or business. This bulb produces nearly 20% more light at 10 feet than a standard 150 watt rough service bulb. Combined with a "pure white" color output, this bulb is ideal for improving the light output of hand lamps, drop lights, and other standard incandescent lighting within industrial applications.

This dimming LED PAR38 lamps uses electronic silicon control dimming. We have tested this lamp on all Lutron and Leviton electronic dimmers, such as the Leviton 6633-PLW. When using electronic dimmer switches, fixtures equipped with the LED30W-PAR38-D LED bulb will dim from 0% up to 100% via the user provided dimming switch.

In light fixtures with electronic ballasts, the operator needs to bypass the ballast and wire the power directly to one end of the LED tube (black wire to one pin and white wire to the other). Thus, this is an ideal upgrade for fixtures with failed ballasts. These dimmable LED bulbs run directly off any voltage ranging from 90 volts to 132 volts AC.

The PAR38 is the same base and dimensions as a standard PAR38 incandescent light bulb. You can use this LED light bulb as a replacement for a standard outdoor flood lamp in your home. However, given the durability and longevity, we also see this LED light bulb as an ideal solution for a variety of industrial uses. As such, this LED light bulb can provide additional safety measures and time savings, given the low heat production and that it does not require replacing for 50,000 hours. Since the LED bulb uses solid state technology, the vibration (dropping, etc.) that degrades conventional incandescent bulbs is not an issue with these LED bulbs.

#### **Energy Consumption Comparison (Ten Lamps)**

	<b><u>Incandescent</u></b>	<b><u>CFL</u></b>	<b><u>LED</u></b>
Wattage	1500 watts	420 watts	250 watts
Amp Draw @ 120V AC	12.5 amps	3.5 amps	2.08 amps
Amp Draw @ 12V DC	125 amps	35 amps	20.84 amps
Amp Draw @ 24V DC	62.5 amps	17.4 amps	10.42 amps
Lamp Life Expectancy	1,875 hours	10,000 hours	50,000 hours
Color Temperature	2850K	4300K	6000K
Operation cost per year (8hs/day @ 11c/kWh)	\$481.80	\$134.91	\$80.30

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## Frequently Asked Questions (FAQ)

**Warranty:** 12 Months

**Options:**

**-LED Color-Beam Config-Voltage**

**Example: -60K-SP-120V**

LED Color	
WHITE6000	-60K
WHITE4300K	-43K
WHITE2700K	-27K

Beam Config	
25° SPOT	-SP
60° FLOOD	-FL

Voltage	
120V	-120V
12V DC	-12V
24V DC	-24V

Links (Click on the below items to view):

- [ISO 9001 Certification](#)
- [Business Certificate](#)