

# LED PAR 38

PARFECTION™ SERIES



PAR 38

## Features and Benefits

- 50,000-hour life
- Up to 85% energy savings compared to halogen
- Dimmable down to 10%
- Thermal-Breeze™ heat sink technology
- Eco-Clear™ optics lens
- Instant-on, instant bright
- Attractive designs, fits in standard fixtures
- Reduces replacement and maintenance costs
- RoHS compliant
- 5-year warranty

## Markets

- Restaurants
- Hospitality
- Retail
- Casinos
- Cinema

## Applications

- Recessed Cans
- Track Lighting
- Shopping Malls
- Jewelry Stores
- Museums
- General Lighting
- Elevators

## Litetronics LED PARFECTION™ Series Light Bulbs - The Greenest Lighting Solution from Litetronics

Litetronics LED PARFECTION™ series light bulbs save up to 85% on energy costs, and they are RoHS compliant with mercury-free and lead-free construction, making them the greenest replacement for halogen lighting. Their elegant style maintains the look and shape of an ordinary halogen PAR bulb, and they have the ability to throw a crisp, white beam of light to illuminate brilliant merchandise displays just like halogen bulbs. LED PARFECTION™ bulbs use a patent pending Eco-Clear™ optics lens that generates high center beam candle power in both 15 and 28-degree beam angles. Unlike halogen, LED PARFECTION™ bulbs do not generate ultraviolet, infrared light, or as much heat. This protects displayed items from fading colors and spoiling perishable items that are sensitive to heat.

Compared to competing LED PAR bulbs, LED PARFECTION™ bulbs have higher lumen output and maintain that advantage over their 50,000-hour rated life. This is due to the patent pending Thermal-Breeze™ heat sink design, which allows the LEDs to maintain optimum performance. LED PARFECTION™ bulbs do not need heavy metal heat sinks and actually weigh less than a standard halogen bulb because the Thermal-Breeze™ heat sink provides lower LED temperature to ensure optimum lumen maintenance - even inside recessed ceiling cans. LED PARFECTION™ bulbs' light weight will not exceed the weight capacity of existing fixtures and are less costly to ship.

LED PARFECTION™ light bulbs are dimmable with uniform, smooth, dimming control that works on most standard incandescent dimmers. LED PARFECTION™ bulbs can be turned on and off frequently without worrying about bulb life, and they turn on instantly with full lumen output. They are vibration-resistant. This provides improved reliability over CFL, halogen, and incandescent lighting.

LED PARFECTION™ bulbs drastically reduce maintenance and replacement costs, as well as landfill waste, with their 50,000-hour life. Perfectly designed, perfectly green, the Litetronics LED PARFECTION™ series solves all of your lighting challenges when replacing halogen reflector bulbs.

**LITETRONICS®**

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# LED PAR 38 *PERFECTION™ SERIES*



PAR 38

| WATTS | BASE | VOLTS                | DESCRIPTION        | ORDERING CODE | BEAM ANGLE | BEAM SPREAD | QTY/ CASE | AVERAGE RATED LIFE | CRI <sup>1</sup> | CCT (K) | INITIAL LUMENS | C.B.C.P. <sup>2</sup> | M.O.L. <sup>3</sup> | BONUS FEATURES |
|-------|------|----------------------|--------------------|---------------|------------|-------------|-----------|--------------------|------------------|---------|----------------|-----------------------|---------------------|----------------|
| 10    | MED  | 120                  | 10W PAR38 SP DIM   | LP10566SP2D   | 15°        | SPOT        | 6         | 50,000             | 83               | 2700    | 700            | 4,700                 | 5.10"               | 4              |
| 10    | MED  | 120                  | 10W PAR38 SP DIM   | LP10566SP4D   | 15°        | SPOT        | 6         | 50,000             | 83               | 3000    | 700            | 4,700                 | 5.10"               | 4              |
| 10    | MED  | 100-240              | 10W PAR38 SP       | LP10566SP4    | 15°        | SPOT        | 6         | 50,000             | 83               | 3000    | 700            | 4,700                 | 5.10"               |                |
| 10    | MED  | 100-240              | 10W PAR38 FL MULTI | LP10566FL2-M  | 28°        | FLOOD       | 6         | 50,000             | 83               | 2700    | 850            | 3,090                 | 5.10"               |                |
| 10    | MED  | 100-240              | 10W PAR38 FL MULTI | LP10566FL4-M  | 28°        | FLOOD       | 6         | 50,000             | 83               | 3000    | 850            | 3,090                 | 5.10"               |                |
| 10    | MED  | 100-240              | 10W PAR38 FL MULTI | LP10566FL7-M  | 28°        | FLOOD       | 6         | 50,000             | 83               | 5000    | 1,025          | 3,635                 | 5.10"               |                |
| 10    | MED  | 120                  | 10W PAR38 FL DIM   | LP10566FL2D   | 28°        | FLOOD       | 6         | 50,000             | 83               | 2700    | 700            | 2,545                 | 5.10"               | 4              |
| 10    | MED  | 120                  | 10W PAR38 WF DIM   | LP10566WF2D   | 40°        | WIDE FLOOD  | 6         | 50,000             | 83               | 2700    | 700            | 1,000                 | 5.10"               | 4              |
| 10    | MED  | 120                  | 10W PAR38 FL DIM   | LP10566FL4D   | 28°        | FLOOD       | 6         | 50,000             | 83               | 3000    | 600            | 2,545                 | 5.10"               | 4              |
| 10    | MED  | 100-240              | 10W PAR38 FL       | LP10566FL4    | 28°        | FLOOD       | 6         | 50,000             | 83               | 3000    | 600            | 2,545                 | 5.10"               |                |
| 10    | MED  | 120                  | 10W PAR38 WF DIM   | LP10566WF4D   | 40°        | WIDE FLOOD  | 6         | 50,000             | 83               | 3000    | 700            | 1,000                 | 5.10"               | 4              |
| 10    | MED  | 100-240              | 10W PAR38 WF MULTI | LP10566WF2-M  | 40°        | WIDE FLOOD  | 6         | 50,000             | 83               | 2700    | 850            | 1,215                 | 5.10"               |                |
| 10    | MED  | 100-240              | 10W PAR38 WF MULTI | LP10566WF4-M  | 40°        | WIDE FLOOD  | 6         | 50,000             | 83               | 3000    | 850            | 1,215                 | 5.10"               |                |
| 10    | MED  | 100-240              | 10W PAR38 WF MULTI | LP10566WF7-M  | 40°        | WIDE FLOOD  | 6         | 50,000             | 83               | 5000    | 1,025          | 1,465                 | 5.10"               |                |
| 15    | MED  | 120                  | 15W PAR38 SP DIM   | LP15566SP4D   | 15°        | SPOT        | 6         | 50,000             | 83               | 3000    | 950            | 8,500                 | 5.10"               | 4              |
| 15    | MED  | 100-240 <sup>5</sup> | 15W PAR38 SP       | LP15566SP4    | 15°        | SPOT        | 6         | 50,000             | 83               | 3000    | 950            | 8,500                 | 5.10"               |                |
| 15    | MED  | 120                  | 15W PAR38 FL DIM   | LP15566FL2D   | 28°        | FLOOD       | 6         | 50,000             | 83               | 2700    | 1,000          | 3,635                 | 5.10"               | 4              |
| 15    | MED  | 100-240 <sup>5</sup> | 15W PAR38 FL       | LP15566FL2    | 28°        | FLOOD       | 6         | 50,000             | 83               | 2700    | 1,000          | 3,635                 | 5.10"               |                |
| 15    | MED  | 120                  | 15W PAR38 FL DIM   | LP15566FL4D   | 28°        | FLOOD       | 6         | 50,000             | 83               | 3000    | 950            | 3,635                 | 5.10"               | 4              |
| 15    | MED  | 100-240 <sup>5</sup> | 15W PAR38 FL       | LP15566FL4    | 28°        | FLOOD       | 6         | 50,000             | 83               | 3000    | 950            | 3,635                 | 5.10"               |                |
| 15    | MED  | 120                  | 15W PAR38 FL DIM   | LP15566FL7D   | 28°        | FLOOD       | 6         | 50,000             | 83               | 5000    | 1,200          | 4,360                 | 5.10"               | 4              |
| 15    | MED  | 120                  | 15W PAR38 WF DIM   | LP15566WF2D   | 40°        | WIDE FLOOD  | 6         | 50,000             | 83               | 2700    | 1,000          | 1,430                 | 5.10"               | 4              |
| 15    | MED  | 120                  | 15W PAR38 WF DIM   | LP15566WF4D   | 40°        | WIDE FLOOD  | 6         | 50,000             | 83               | 3000    | 1,000          | 1,430                 | 5.10"               | 4              |
| 15    | MED  | 120                  | 15W PAR38 WF DIM   | LP15566WF7D   | 40°        | WIDE FLOOD  | 6         | 50,000             | 83               | 5000    | 1,200          | 1,715                 | 5.10"               | 4              |

## COMPATIBLE DIMMERS

A list of compatible dimmers is available online at: [litetronics.com/dimmers](http://litetronics.com/dimmers)

## CONVERSION CHART

| LED     | = | HALOGEN | = | INCANDESCENT |
|---------|---|---------|---|--------------|
| 10-watt | = | 50-watt | = | 65-watt      |
| 15-watt | = | 75-watt | = | 100-watt     |

ENERGY STAR qualified

<sup>1</sup> +/- 3 points

<sup>2</sup> Center Beam Candle Power

<sup>3</sup> Maximum Overall Length (in inches)



<sup>5</sup> Product is suitable for 277 Volt applications

