



# LED Lamps - HID



## High Output BT56

Current's High Output BT56 HID Replacement provides industry-leading lumen output from a lamp, making it possible to upgrade more applications to LED without replacing an entire fixture. The existing fixture is wired to bypass the ballast, which reduces energy use and eliminates the need to check ballast compatibility.

### PERFORMANCE HIGHLIGHTS:

#### High Output BT56 HID Replacement Lamps

**Light Output:** 85,000 Lumens, 106,000 Lumens

**CRI:** 70

**CCT:** 4000K, 5000K

**Input Voltage:** 208-277, 277-480

**Efficiency:** Up to 208 LPW

**Wattage:** 470W, 520W

**Life:** 50,000 hours L70

**Temperature Rating:** -40°C to 50°C

**Location Rating:** Damp; Open or Enclosed

### LIMITED WARRANTY

5 years

### FEATURES:

- Significantly more lumens than other BT56 LED lamps
- Operates from 208-277VAC or 277-480VAC input voltage (ballast bypass)
- Matches ANSI length & diameter for HID BT56 lamp shape
- Lasts 3x-16x longer than HID (compared to 15,000 or 3,000-hr B50)
- Tether kit, horizontal support, and in-line fuse included
- These lamps are energy efficient, contain no lead or mercury and are compliant with material restriction requirements of RoHS

### BENEFITS:

- Upgrade up to 1500W HID applications to LED simply, with a lamp
- Energy + Cost Savings: For example, an LED lamp using 520 watts saves \$5,951 in energy costs over the rated life of the lamp vs. a standard 1,602 watt Metal Halide lamp system (1500W lamp and 102W ballast) based on \$0.11 per kWh
- Ballast bypass (Type B) wiring eliminates costs and hassle associated with replacing ballasts

### LEARN MORE:

To learn more about saving money and energy, go to [www.LED.com](http://www.LED.com).



## High Output BT56 Lamps

CUSTOMER NAME \_\_\_\_\_  
 PROJECT NAME \_\_\_\_\_  
 DATE \_\_\_\_\_ NOTES \_\_\_\_\_

### High Output BT56 HID Replacement

| Bulb Shape   | Base Type | Watts    | Order Code             | Description    | Volts   | Carton Qty <sup>2</sup> | MOL (in) | MOD (in) | Lumens (Initial) | Color Temp. | CRI                | Wattage Replacement <sup>6</sup> | Rated Life L70 (Hrs) <sup>1</sup> | DLC <sup>4,5</sup> | Location Rating <sup>3</sup> |
|--|-----------|----------|------------------------|----------------|---------|-------------------------|----------|----------|------------------|-------------|--------------------|----------------------------------|-----------------------------------|--------------------|------------------------------|
| LED Replacement Lamp for HID - Ballast Bypass (Type B) |           |          |                        |                |         |                         |          |          |                  |             |                    |                                  |                                   |                    |                              |
| BT56   | EX39      | 470      | 93303389               | LED470BT56/740 | 277-480 | 3                       | 12.8     | 5.6      | 85,000           | 4000K       | >70                | 1000W HPS/1000W MH               | 50,000                            | S-E56HRP           | Damp, Enclosed               |
| EX39   | 470       | 93303388 | LED470BT56/750         | 277-480        | 3       | 12.8                    | 5.6      | 85,000   | 5000K            | >70         | 1000W HPS/1000W MH | 50,000                           | S-64APZW                          | Damp, Enclosed     |                              |
| EX39   | 520       | 93320138 | LED520BT56/740/208-277 | 208-277        | 3       | 12.8                    | 5.6      | 106,000  | 4000K            | >70         | 1000W HPS/1500W MH | 50,000                           | S-8J5CHR                          | Damp, Enclosed     |                              |
| EX39   | 520       | 93320144 | LED520BT56/750/208-277 | 208-277        | 3       | 12.8                    | 5.6      | 106,000  | 5000K            | >70         | 1000W HPS/1500W MH | 50,000                           | S-7CHFSW                          | Damp, Enclosed     |                              |
| EX39   | 520       | 93322984 | LED520BT56/740/277-480 | 277-480        | 3       | 12.8                    | 5.6      | 106,000  | 4000K            | >70         | 1000W HPS/1500W MH | 50,000                           | -                                 | Damp, Enclosed     |                              |
| EX39   | 520       | 93322990 | LED520BT56/750/277-480 | 277-480        | 3       | 12.8                    | 5.6      | 106,000  | 5000K            | >70         | 1000W HPS/1500W MH | 50,000                           | -                                 | Damp, Enclosed     |                              |

These products are covered by U.S. Patents 10788163 and 10508776. These products may also be covered by other U.S. patents or pending applications.

Information provided is subject to change without notice. Please verify all details with Current. All values are design or typical values when measured under laboratory conditions, and Current makes no warranty or guarantee, expressed or implied, that such performance will be obtained under end-use conditions.

<sup>1</sup> The life rating is based on the hours of operation the lamp will provide before reaching 70% of its original lumen output (L70)

<sup>2</sup> Minimum order quantity from Current = 1

<sup>3</sup> UL 1993 Environmental Requirements for LED LAMPS

Damp Location - Exterior or interior location that is normally or periodically subject to condensation of moisture in, on, or adjacent to electrical equipment, including partially protected locations

<sup>4</sup> Not all product variations on this page are DLC qualified. Visit [qpl.designlights.org/solid-state-lighting](http://qpl.designlights.org/solid-state-lighting) to confirm qualification.

<sup>5</sup> Do not use with phase-cut dimmers. Dimming functions only with external Variac control devices.

<sup>6</sup> Wattage Replacements based on NEMA Standards Publication LL 10-2020 *Replacing HID Lamps with LED Lamps: Light Output Equivalency Claims*.

