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 204 LPW
Wattage:	470W, 520W
Life:	50,000 hours L70
Temperature Rating:	-40°C to 50°C
Location Rating:	Damp; Open or Enclosed
Surge Protection:	6kV

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.

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LED Lamps - HID

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[2]	MOL (in)	MOD (in)	Lumens (Initial)	Color Temp.	CRI	Wattage Replacement[6]	Rated Life L70 (Hrs)[1]	DLC[4,5]	Location Rating[3]
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	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	S-RB19J3	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	S-MMD144	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.

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[1] The life rating is based on the hours of operation the lamp will provide before reaching 70% of its original lumen output (L70)
[2] Minimum order quantity from Current = 1
[3] 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
[4] Not all product variations on this page are DLC qualified. Visit qpl.designlights.org/solid-state-lighting to confirm qualification.
[5] Do not use with phase-cut dimmers. Dimming functions only with external Variac control devices.
[6] Wattage Replacements based on NEMA Standards Publication LL 10-2020 *Replacing HID Lamps with LED Lamps: Light Output Equivalency Claims.*



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