



LED Lamps - HID



Passive Selectable ED23.5 Lamp

Current's Passive Selectable ED23.5 LED HID Replacement Lamp offers a cost effective solution for less demanding applications, while maintaining a size and shape that fits in existing fixtures. Built-in switches easily allow the change of wattage and color temperature, no tools required.



PERFORMANCE HIGHLIGHTS:

Passive Selectable LED HID ED23.5 Lamp

Light Output: 5,000 / 6,300 / 7,500 Lumens

CRI: 70

CCT: 3000K / 4000K / 5000K

Input Voltage: 120-277V

Efficiency: 156 / 162 / 163 LPW

Wattage: 32W / 39W / 46W

Life: 50,000 hours L70

Temperature Rating: -40°C to 50°C

Location Rating: Damp; Open or Enclosed

LIMITED WARRANTY

5 years

FEATURES:

- Three wattage levels and three color temperature levels that can be adjusted with built-in switches, no tools required
- Operates from 120-277VAC input voltage (ballast bypass)
- Matches ANSI length & diameter for ED23.5 lamp shape
- Lasts 2x longer than HID (compared to 24,000-hr B50)
- In-line fuse included
- Passive cooling (no fan) with electronic thermal management

BENEFITS:

- Upgrade to LED in lower wattage HID applications that use the ED23.5 or ED28 shape (up to 100W high pressure sodium, up to 175 metal halide)
- Significant increase in CRI compared to High Pressure Sodium lamps, from 21 to 70 CRI
- Three color temperature options and three lumen level options from a compact ED23.5 size
- One lamp can cover many applications, reducing inventory & simplifying BOMs
- 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.



Selectable **LED Lamps**

Do more with less.

- *Reduce Inventory*
- *Simplify Projects*
- *Optimize Solutions*



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Passive Selectable ED23.5 Lamp

CUSTOMER NAME _____
 PROJECT NAME _____
 DATE _____ NOTES _____



Select wattage (lumens) using built-in switch



Select color temperature using built-in switch





Passive Selectable ED23.5 Lamp

CUSTOMER NAME _____
 PROJECT NAME _____
 DATE _____ NOTES _____

Passive Selectable LED 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)															
ED23.5	EX39	46	93314601	LED/LC/ED23.5P/7SC	120-277	3	7.8	3.7	5,000 6,300 7,500	3000K 4000K 5000K	>70	70W HPS/150W MH 70W HPS/150W MH 100W HPS/175W 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.

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.

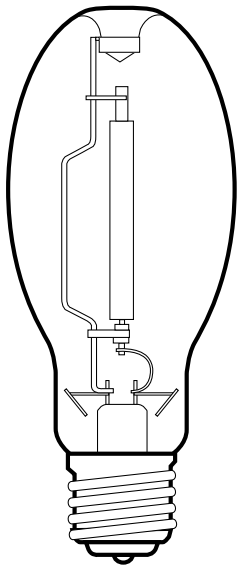
⁵ Do not use with phase-cut dimmers. Dimming functions only with external Variac control devices.

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

Current's Passive Selectable ED23.5 LED HID Lamps maintain ANSI length and diameter, ensuring that the lamps will fit into fixtures and utilize existing optics. These lamps feature omnidirectional light output, with similar distribution to traditional HID lamps. This enables GE LED lamps to fit in a variety of fixtures while providing equivalent light levels to HID. All of the GE LED lamps in this category are Type B, which means the fixture is re-wired to bypass the ballast.

Lamp Comparison

ED23.5 HID Lamp



Wattage Levels (W)
 Lumen Levels (lm)
 Color Temp. Levels (K)
 Base Options
 Length (in)
 Diameter (in)

Active Cooling Selectable ED23.5



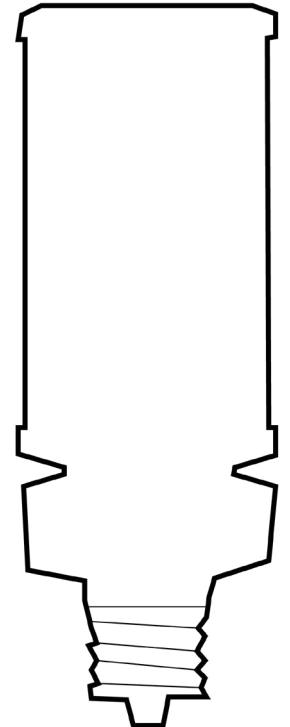
50 / 65 / 80
 8,000 / 10,300 / 12,000
 3000K / 4000K / 5000K
 E26 (with EX39 Adapter) or EX39
 7.8 in
 3.7 in

Passive Cooling Selectable ED23.5



32 / 39 / 46
 5,000 / 6,300 / 7,500
 3000K / 4000K / 5000K
 EX39
 7.8 in
 3.7 in

Other Passive Cooling LED Lamps



36 / 45 / 54
 5,040 / 6,300 / 7,560
 3000K / 4000K / 5000K
 EX39
 9.69 in
 3.35 in