LED replacement lamps for HID-Ballast Bypass (Type B)

LED replacement for HID lamps leverage the low energy and long life of LED. The existing fixture is wired to bypass the ballast, which reduces energy use and eliminates the need to check ballast compatibility. Additional maintenance savings are realized by removing costs associated with purchasing and installing ballasts.

LOW-COST OPERATION
- Uses 60-75% less energy, providing similar light output
- For example, an LED lamp using 150 watts, saves $1,705 in energy costs over the rated life of the lamp vs. a standard 460 watt HID lamp system (400W lamp and 60W ballast) based on $0.11 per kWh
- Ballast bypass (Type B) wiring eliminates costs associated with replacing ballasts
- Total system >140 LPW

VERSATILE UPDATE
- Omni-directional lamp utilizes existing fixture optics
- Flexible use—one lamp can be used in many types of fixtures
  - Universal burn
  - Designed to match HID ANSI profile
- Rated for open and enclosed fixtures
- Temperature rating for -20°C to 50°C
- Exceeding temperature ratings will shorten life of lamp
- Type B eliminates the need to check ballast compatibility

LONG LIFE
- 3.3X Longer Life
  (50,000 hr (B10) LED vs 15,000 hr (B50) Metal Halide)
- 50,000 hour rated life (L70)
- 50,000 hour rated fan life (B10)
- High-Performance fan ensures rated lamp life

COLOR RENDERING
- Available with a CRI of 70

COLOR TEMPERATURE
- Available in 4000K and 5000K
- Instant On/Brightness

ENVIRONMENTALLY CONSCIOUS
- These lamps are energy efficient and are compliant with material restriction requirements of RoHS

QUALITY AND RELIABILITY
- 5-year limited warranty
- Tether Kit and in-line fuse included
- Robust construction with metal components
- Driver with internal fuse provides 6 kV surge protection

To learn more about saving money and energy, go to: www.gecurrent.com

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### LED Replacement Lamps for HID

<table>
<thead>
<tr>
<th>Bulb Shape</th>
<th>Base Type</th>
<th>Watts</th>
<th>Order Code</th>
<th>Description</th>
<th>Volts</th>
<th>Case Qty</th>
<th>MOL (in)</th>
<th>MOD (in)</th>
<th>Initial Lumens</th>
<th>Initial Color</th>
<th>CRi</th>
<th>Wattage Replacement</th>
<th><strong>Rated Life L70 (Hrs)</strong></th>
<th>Dimmable</th>
<th># Location Rating</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>E26</td>
<td></td>
<td>35</td>
<td>9312114</td>
<td>LED35ED17/750</td>
<td>120-277 3 5.4 2.5</td>
<td>5000</td>
<td>3000K &gt;70</td>
<td>50W</td>
<td>50,000 N/A</td>
<td>-</td>
<td>Damp</td>
<td>Ballast bypass required.</td>
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### Energy Savings switching from HID to LED Type B

<table>
<thead>
<tr>
<th>Lamp Replacement Wattage</th>
<th>HID System Wattage</th>
<th>LED System Wattage</th>
<th>System Energy Savings</th>
<th>System Energy Cost Savings</th>
<th>Over Life of Lamp*</th>
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</thead>
<tbody>
<tr>
<td>1000W</td>
<td>1075W</td>
<td>450W</td>
<td>625W</td>
<td>$3,417</td>
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<tr>
<td>1000W</td>
<td>1075W</td>
<td>270W</td>
<td>805W</td>
<td>$4,427</td>
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<tr>
<td>400W</td>
<td>460W</td>
<td>150W</td>
<td>310W</td>
<td>$1,705</td>
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<td>250W</td>
<td>290W</td>
<td>115W</td>
<td>175W</td>
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<td>175W</td>
<td>210W</td>
<td>80W</td>
<td>130W</td>
<td>$715</td>
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<tr>
<td>100W</td>
<td>120W</td>
<td>50W</td>
<td>70W</td>
<td>$385</td>
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*Based on energy rates at .11kwh over the life of the lamp

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** Minimum order quantity = 1

* The life rating is based on the hours of operation the lamp will provide before reaching 70% of its original rating (L70)

** UL 1993 Environmental Requirements for LED LAMPS

- **Location, dry** – Location not normally subject to condensation of moisture in, on, or adjacent to, electrical equipment, and includes partially protected locations.
- **Location, wet** – Location in which water or other liquid can drip, splash, or flow on or against electrical equipment.

Not suitable for air-tight explosive or hazardous fixtures.

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