

# versatile



Application illustration only, subject lamps not used in photo.



## GE LED replacement lamps for HID

GE's LED replacement for HID lamps leverage the low energy and long life of LED. The LED lamp screws into the existing fixture without wiring or costly upgrades.

### LOW-COST OPERATION

- Uses 50% less energy, providing similar light output (20,000 lumens vs. 23,500 lumens)
- For example, using 200 watts of total system energy (165W lamp and 35W ballast), save over \$1,430 in energy costs over the rated life of a lamp vs. a standard 460 watt HID lamp system (400W lamp and 60W ballast) based on \$0.11 per kWh
- Total system 100 LPW

### VERSATILE UPDATE

- Uses existing fixture optics and ballast (Pulse or Probe Start)
- Instant On/Brightness
- Flexible use - universal burn
- Open and enclosed fixture rated options
- Temperature rating for -20°C to 50°C
- Does not work on reactor or electronic ballasts
- Check ballast compatibility at: [gelighting.com/led-hid-ballast-compatibility](http://gelighting.com/led-hid-ballast-compatibility)

### LONG LIFE

- 50,000 hour rated life (L70)
- Lasts 2.5X longer than HID (20,000 hrs)

### COLOR RENDERING

- Available with a CRI of 70

### COLOR TEMPERATURE

- Available in 4000K and 5000K

### ENVIRONMENTALLY CONSCIOUS

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

### GE QUALITY AND RELIABILITY

- 5-year limited warranty
- Tether Kit included

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

When you Think LED lighting, Think GE.




ecomagination<sup>SM</sup>



imagination at work

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

## GE LED HID Replacement Lamps

Bulb Shape	Base Type	Watts	Order Code	Description	Fixture Rating	Case Qty**	MOL (In)	Lumens Initial	Initial Color Temp	CRI	Wattage Replacement	*Rated Life L70 (Hrs)	Dimmable	#Location Rating	Additional Information
LED Replacement Lamps for HID															
	EX39	165W	21259	LED165/M400/740	Open Rated Only	3	11.42	20,000	4000	73	400	50,000	-	Dry	CWA ANSI-M59, M135, M155
	80W	43258 88099	LED80/2M250/740 LED80/2M250/750	Open or Enclosed Rated	3	8.4	11,800 11,800	4000 5000	70	250	250	50,000	-	Damp	CWA ANSI-M58, M138, M153
	60W	43263 88107	LED60/2M175/740 LED60/2M175/750	Open or Enclosed Rated	3	8.4	8,800 8,800	4000 5000	70	175	175	50,000	-	Damp	CWA ANSI-M57, M137, M152

## Energy Savings switching from HID to LED

Lamp Replacement Wattage	HID System Wattage	LED System Wattage	System Energy Savings	System Energy Cost Savings Over Life of Lamp*
400W	460W	200W	260W	\$1,430
250W	290W	112W	178W	\$979
175W	210W	88W	122W	\$671

\*Based on energy rates at .11kwh over the life of the lamp

Get more information at  
[GELighting.com/ThinkLED](http://GELighting.com/ThinkLED)

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

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

\*\* Minimum order quantity = 1

# UL 1993 Environmental Requirements for LED LAMPS

- Location, damp - Exterior or interior location that is normally or periodically subject to condensation of moisture in, on, or adjacent to, electrical equipment, and includes partially protected locations.
- Location, dry - Location not normally subject to dampness, may include a location subject to temporary dampness, i.e., building under construction, provided ventilation is adequate to prevent an accumulation of moisture.
- Location, wet - Location in which water or other liquid can drip, splash, or flow on or against electrical equipment.

ecomagination<sup>SM</sup>



Product is compliant with material restriction requirements of RoHS



[www.gelighting.com](http://www.gelighting.com)

GE and the GE Monogram are trademarks of the General Electric Company. All other trademarks are the property of their respective owners. Information provided is subject to change without notice. All values are design or typical values when measured under laboratory conditions. GE Lighting and GE Lighting Solutions, LLC are businesses of the General Electric Company. © 2016 GE.

LEDL028 (Rev 12/12/16)