TCP’s energy efficient LED HID lamps are an excellent choice for replacing traditional metal halide products. Designed for indoor and outdoor use where low maintenance and high lumen output is required.

Limitless options for the following applications:
- Warehouses
- Parking Lots
- Roadways
- Landscape Lighting
- Industrial Lighting

Great features and benefits:
- Replaces 400W, 250W, 175W, 100W and 70W metal halide lamps
- Operates on less energy than traditional metal halides
- Lasts 2.5 times longer than HID
- 360° (omni-directional) beam angle
- Universal 100-277V
- UL approved for damp locations
- Rated for open and enclosed fixture
**LED**  
50,000 hours average rated life, Universal 100-277V

**Applications**
- Street Lights
- Parking Lots
- Roadways
- Warehouses
- Landscape Lighting
- Industrial Lighting

**Features**
- Uses less energy than traditional metal halide products
- Long life
- UL approved for damp location
- Shatter resistant
- Omni-directional / 360° beam angle
- Isolated driver
- Rated for enclosed fixtures
- Surge protection benefit

**Benefits**
- Instant energy savings
- Minimizes replacement and maintenance costs
- Outdoor use when protected from the elements — withstands humidity indoors/outdoors
- Lower the risk of injury and breakage
- Full light distribution
- Allows for better heat dissipation
- Can be used in both open and enclosed fixtures
- 100w and 80w have 6KV surge protection / 45w, 24w, and 19w have 4KV surge protection

**Specifications**
- Input Line Voltage: ........................................ 100-277 VAC
- Input Power .................................................. See Chart
- Input Line Frequency ....................................... 50/60HZ
- Lamp Life (Rated) ............................................. 50,000 hrs
- Minimum Starting Temp ................................... -40°C
- Maximum Operating Temp ................................. 60°C
- CRI .............................................................. 80

**Item Number**

<table>
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<tr>
<th>Notes</th>
<th>Type</th>
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For the most up-to-date specs, please visit www.tcpi.com

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## LED HID Series Specifications

<table>
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<tr>
<th>Item #</th>
<th>Description</th>
<th>Base</th>
<th>Voltage</th>
<th>Wattage</th>
<th>Metal Halide Comparison</th>
<th>Bare Lamp Lumens</th>
<th>LPW</th>
<th>CCT</th>
<th>CRI</th>
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* DLC qualified product at time of printing, consult designlights.org for the most up-to-date listing.

The above products are approved for enclosed fixtures with Minimum Lamp Compartment Dimensions as specified below in the represented images.

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**Pole Mount**
L100MH
L80MH
L45MH

**Wall Mount**
L45MH
L24MH
L19MH

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To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/qpl.
For over 20 years, TCP has been designing, developing and delivering energy-efficient lighting into the market. Thanks to our cutting-edge technology and manufacturing expertise, we have shipped billions of high quality lighting products. With TCP, you can count on a lighting product that is designed to meet the needs of the market — that transforms your surroundings and envelopes you in warmth — lighting that generates beauty with every flip of the switch.