



# LED Filament HID Replacement Lamps

## HIGHLIGHTS

- Filament-style LED lamp designed to replace up to 175W metal halide and 150W high pressure sodium lamps
- Designed for post tops, low bays, bollards, and high bay applications to show off the aesthetic of the lamp itself
- Ballast bypass installation method bypasses existing ballasts, eliminating the maintenance costs associated with replacing a ballast when it fails
- Universal install position
- Glass design provides omnidirectional output
- Improved CRI over traditional HID lamps aids in providing color consistency and rendering
- Instant light output upon start-up means no downtime due to warm-up time
- Produces less heat than traditional HID lamps
- Can be used in open or enclosed fixtures which means it's a great solution for nearly any application
- Slightly smaller than traditional HID lamps allowing it to be used in more fixtures
- Built-in 4kV surge protection

## CERTIFICATIONS

- UL Certified for US & Canada
- RoHS Compliant
- FCC Compliant
- ICES-005 Compliant
- Damp Location rated (E26 base models) or Wet Location rated (EX39 base models)

## PERFORMANCE

- High efficacy, up to 167 lm/W
- Available in single CCT models: 3000, 4000, 5000K
- CRI: >80
- Rated lifetime: 25,000 hours

## ELECTRICAL

- Input voltage: Type B - 120-277V
- Surge Protection: 4kV
- Power Factor: >0.9
- THD: <20%

## THERMAL

- -40°F to 113°F (-40°C to 45°C) operating temperature
- Not recommended for air-tight fixtures

## CONSTRUCTION

- Clear glass housing
- Not recommended for air-tight fixtures

## WARRANTY

- 3 Year limited warranty available [online](#). Contact your EiKO sales rep for additional details.

|                |         |
|----------------|---------|
| project name   | type    |
| catalog number | voltage |
| approved by    | date    |



45W  
EX39 BASE



36W  
EX39 BASE



28W  
E26 BASE



RoHS Compliant



CAN ICES-005



## APPLICATIONS

- Parks
- Historic Landmarks
- Walkways/Pathways
- Warehouses

## KEY FEATURES

### ED23 AND ED28 SHAPE; E26 OR EX39 BASE

LED Filament Lamps are offered in ED23.5 shape (E26 base) and ED28 shape (EX39 base) to replace the most common MH and HPS sockets

### UNIQUE FILAMENT STYLE

Unique filament style is designed to mimic the look of conventional MH and HPS lighting while powered by highly efficient LEDs

### NO BALLAST REQUIRED

Eliminate the ballast with a simple installation bypassing the existing ballast and wiring directly to line voltage while utilizing the existing socket

BALLAST BYPASS ELIMINATES NEED FOR BALLAST REPLACEMENTS



FILAMENT STYLE SHOWS OFF THE AESTHETIC OF THE LAMP ITSELF



AVAILABLE IN ED23.5 SHAPE (E26 BASE) AND ED28 SHAPE (EX39 BASE)

Fixtures for illustration only.

## AVAILABLE MODELS

| ORDER CODE | ITEM #                 | BASE TYPE | SHAPE  | WATTS | CCT   | LUMENS  | EFFICACY (lm/W) | VOLTAGE  | TRADITIONAL WATTAGE EQUIVALENT* | WET/DAMP LOCATION |
|------------|------------------------|-----------|--------|-------|-------|---------|-----------------|----------|---------------------------------|-------------------|
| 13377      | L28WED23-GC-830-U-E26  | E26       | ED23.5 | 28W   | 3000K | 4000 lm | 143 lm/W        | 120-277V | 70W MH/HPS HID                  | Damp              |
| 13378      | L28WED23-GC-840-U-E26  | E26       | ED23.5 | 28W   | 4000K | 4000 lm | 143 lm/W        | 120-277V | 70W MH/HPS HID                  | Damp              |
| 14636      | L28WED23-GC-850-U-E26  | E26       | ED23.5 | 28W   | 5000K | 4000 lm | 143 lm/W        | 120-277V | 70W MH/HPS HID                  | Damp              |
| 13379      | L36WED28-GC-830-U-EX39 | EX39      | ED28   | 36W   | 3000K | 6000 lm | 167 lm/W        | 120-277V | 100W MH/HPS HID                 | Wet               |
| 13380      | L36WED28-GC-840-U-EX39 | EX39      | ED28   | 36W   | 4000K | 6000 lm | 167 lm/W        | 120-277V | 100W MH/HPS HID                 | Wet               |
| 14634      | L36WED28-GC-850-U-EX39 | EX39      | ED28   | 36W   | 5000K | 6000 lm | 167 lm/W        | 120-277V | 100W MH/HPS HID                 | Wet               |
| 13381      | L45WED28-GC-830-U-EX39 | EX39      | ED28   | 45W   | 3000K | 7500 lm | 167 lm/W        | 120-277V | 175W MH/ 150W HPS HID           | Wet               |
| 13382      | L45WED28-GC-840-U-EX39 | EX39      | ED28   | 45W   | 4000K | 7500 lm | 167 lm/W        | 120-277V | 175W MH/ 150W HPS HID           | Wet               |
| 14635      | L45WED28-GC-850-U-EX39 | EX39      | ED28   | 45W   | 5000K | 7500 lm | 167 lm/W        | 120-277V | 175W MH/ 150W HPS HID           | Wet               |

\*Wattage Equivalency published in accordance with NEMA LL 10-2020 Replacing HID Lamps with LED Lamps: Light Output Equivalency Claims. Eiko uses this Standard for LED products replacing HID lamps, meeting, or exceeding the minimum LED light output for equivalency claims. The LED wattage equivalency varies based on the type of HID lamp being replaced - Metal Halide (MH) or High-Pressure Sodium (HPS)

## PRODUCT DIMENSIONS

