ProLED

# HID Retrofit Series EX39 45W

The ProLED® HID Retrofit Series lamps are an easy to install LED solution for post top and high bay fixtures. ProLED HID Retrofit lamps offer an energy-efficient alternative to traditional High Pressure Sodium and Metal Halide lamps. The 36W ProLED HID Retrofit lamps can be used in enclosed luminaires.
The series is available with 82 CRI, 4000K and 5000K color temperature.

## Performance Specifications

**CRI** 82
**Rated Life** 50,000 hour life
**Watt** 45W
**Lumens** 5850 (84010), 6075 (84011)
**Lumens per Watt (LPW)** 120

**Min. Start Temp.** -22°F(-30°C)
**Max. Operating Temp.** 140°F(60°C)
**Warranty** 5-Year Limited
**Control** Non-dimmable
**Weight** 1.9 lbs.

## Energy Savings

| System | Replacement LED | Wattage | Energy Savings |
|---|---|---|---|
| 175W HID | HID45/850/MV2/EX39/LED | 45W | 78% |

## Construction

- Omnidirectional design ideal for base up, base down, or horizontal operation
- UL listed for damp locations
- EX39 base
- Mercury free
- DLC Qualified - Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type B)

## Installation

- Replaces high pressure sodium or metal halide lamps
- 120-277 vac input - no ballast required
- Acceptable for use in enclosed luminaires
- Rated for use in ambient temperatures up to 60°C (140°F)

## Electrical

- Non-Dimmable
- 120V-277V input range
- 50/60Hz operating frequency
- Integral 4kV surge protection

## Ordering Information

| Watt | Base | Product # | Product Code | Volts | Color Temp. | CRI | Lumen Output | Useful Life* | Pkg. Qty. | MOL | Equivalent Wattage |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 45 Watt | EX39 | 84010 | HID45/840/MV2/EX39/LED | 120-277V | 4000K | 82 | 5850 | 50,000 | 1/16 | 10.79" | 175 |
| 45 Watt | EX39 | 84011 | HID45/850/MV2/EX39/LED | 120-277V | 5000K | 82 | 6075 | 50,000 | 1/16 | 10.79" | 175 |

* Useful Life is defined as the point in time at which the lamp will maintain at least 70% of its initial lumens. The lamp will continue to operate past this point at decreased light levels.
** Check the latest update at www.DesignLights.org for listed product catalog numbers. All versions may not be listed.

Halco LIGHTING TECHNOLOGIES

ProLED

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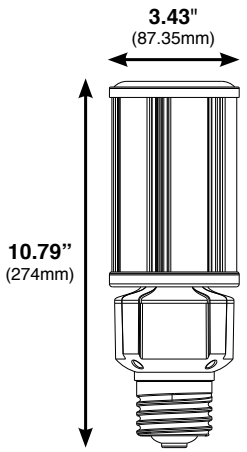
## Dimensions

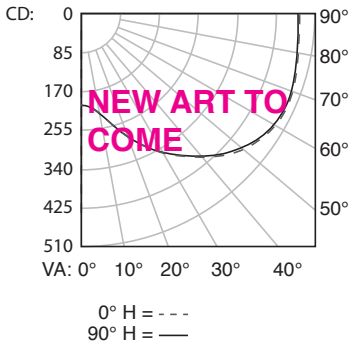



45W
EX39

## Photometrics

84010 & 84011

**HID45/850/MV2/E39/LED**




## Installation Steps:

**1** TURN OFF THE POWER
BEFORE INSTALLATION.

**2** As shown in *Figure 1*;
Remove the old Ballast, Capacitor and Ignitor (if existing).

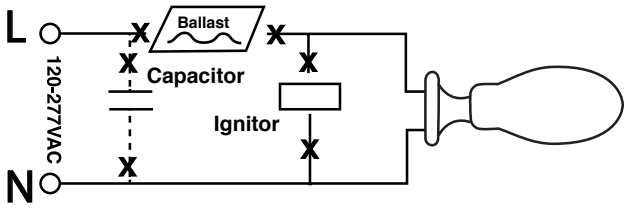



Fig 1

**3** As shown in *Figure 2*;
Connect A/C line voltage wires directly to E39 socket.
(Reattach or replace ground lead if one is needed).

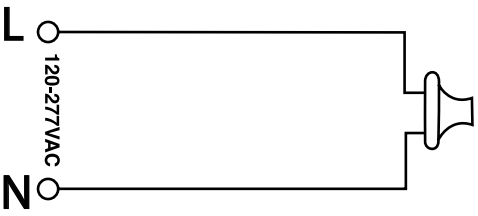



Fig 2

**4** As shown in *Figure 3*;
Screw the LED lamp onto the corresponding socket.

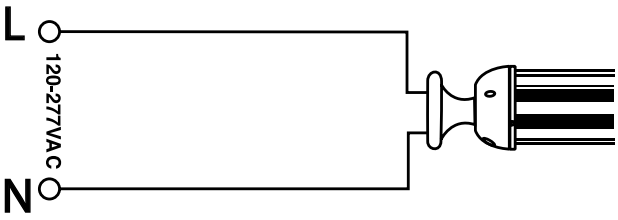



Fig 3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