

## HID Retrofit Series



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 54W ProLED HID Retrofit lamps can be used in enclosed luminaires. The series is available with 82 CRI and 5000K color temperature.

### Performance Specifications

**CRI** \_\_\_\_\_ 82  
**Rated Life** \_\_\_\_\_ 50,000 hour life  
**Watt** \_\_\_\_\_ 54W  
**Lumens** \_\_\_\_\_ 6200  
**Lumens per Watt (LPW)** \_\_\_\_\_ 115

**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
200W HID	HID54/850/MV/E39/LED	54W	77.5%

### Construction

- Omnidirectional design ideal for base up, base down, or horizontal operation
- UL listed for damp locations
- Mercury free

### Installation

- Replaces HID, CFL or Incandescent
- Bypassing ballast required for HID or CFL retrofit applications
- 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

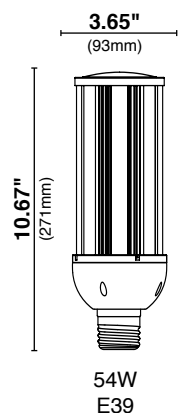
### Ordering Information



Watt	Base	Product #	Product Code	Volts	Color Temp.	CRI	Lumen Output	Useful Life*	Pkg. Qty.	Equivalent Wattage
54 Watt	E39	80952	HID54/850/MV/E39/LED	120-277V	5000K	82	6200	50,000	1/12	200

\* 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.

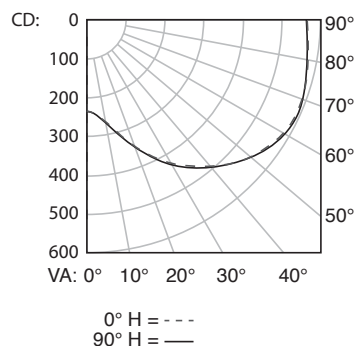
## Dimensions



## Photometrics

80952

HID54/850/MV/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).

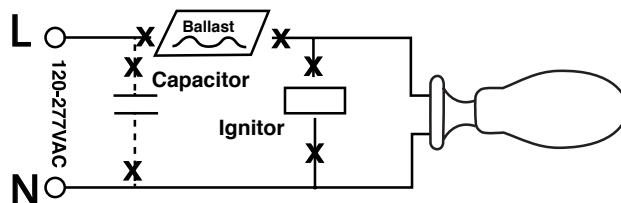


Fig 1

- 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).

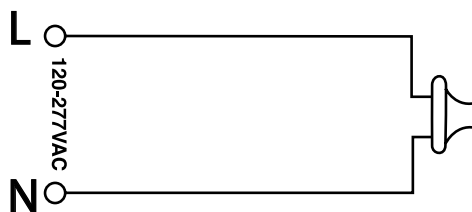


Fig 2

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

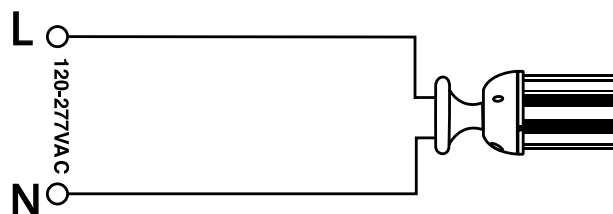


Fig 3