

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 36W 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	Min. Start Temp. _____	-22°F(-30°C)
Rated Life _____	50,000 hour life	Max. Operating Temp. _____	140°F(60°C)
Watt _____	36W	Warranty _____	5-Year Limited
Lumens _____	4200	Control _____	Non-dimmable
Lumens per Watt (LPW) _____	116	Weight _____	1.9 lbs.

Energy Savings

System	Replacement LED	Wattage	Energy Savings
150W HID	HID36/850/MV/LED	36W	76%

Construction

- Omnidirectional design ideal for base up, base down, or horizontal operation
- E26 Medium base (E39/EX39 Mogul to E26 medium base reducer sold separately)
- UL listed for damp locations
- Mercury free

Installation

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

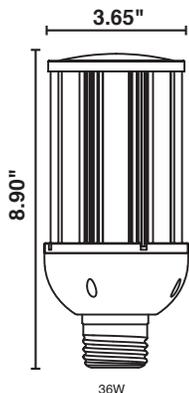
Ordering Information



Watt	Base	Product #	Product Code	Volts	Color Temp.	CRI	Lumen Output	Useful Life*	Pkg. Qty.	Equivalent Wattage
36 Watt	E26	80936	HID36/850/MV/LED	120-277V	5000K	82	4200	50000	1/12	150

* 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.

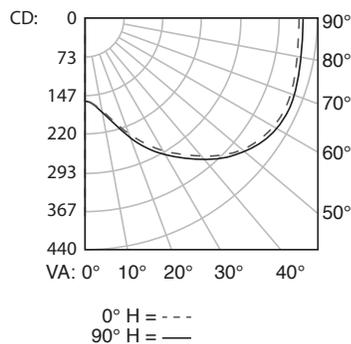
Dimensions



Photometrics

80936

HID36/850/MV/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).

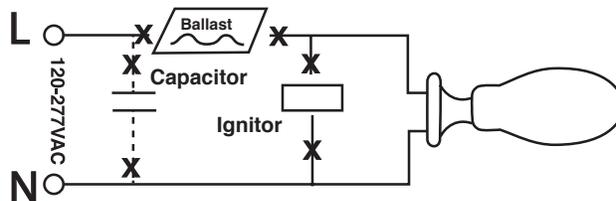


Fig 1

- 3 As shown in *Figure 2*;
Connect A/C voltage wires directly to E26 socket.
(Reattach or replace ground lead if one is needed).

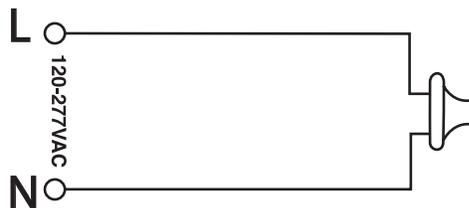


Fig 2

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

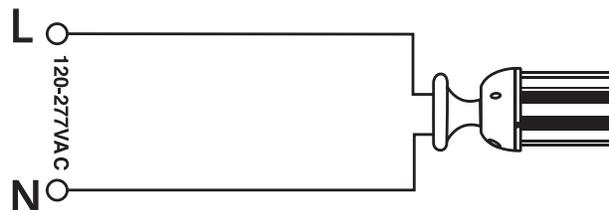


Fig 3