

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 20W 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 _____ 20W
Lumens _____ 2100
Lumens per Watt (LPW) _____ 105

Min. Start Temp. _____ -22°F(-30°C)
Max. Operating Temp. _____ 140°F(60°C)
Warranty _____ 5-Year Limited
Control _____ Non-dimmable
Weight _____ 0.86 lbs.

Energy Savings

System	Replacement LED	Wattage	Energy Savings
70W HID	HID20/850/MV/LED	20W	71%

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
- Lightweight 0.86 lbs. construction
- 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

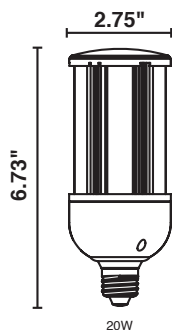


Ordering Information

Watt	Base	Product #	Product Code	Volts	Color Temp.	CRI	Lumen Output	Useful Life*	Pkg. Qty.	Equivalent Wattage
20 Watt	E26	80941	HID20/850/MV/LED	120-277V	5000K	82	2100	50000	1/12	70

* 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.

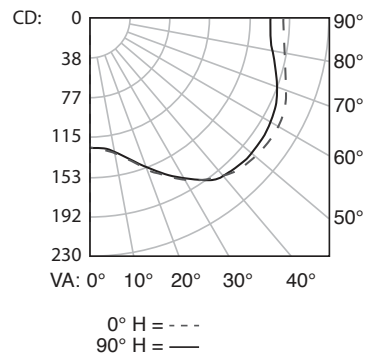
Dimensions



Photometrics

80941

HID20/850/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).

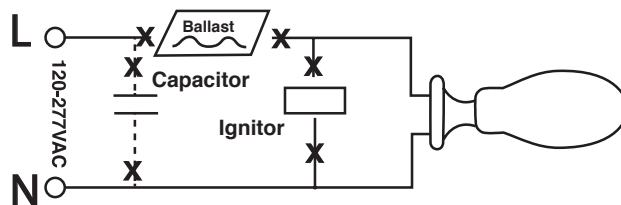


Fig 1

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

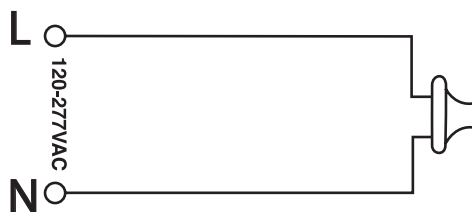


Fig 2

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

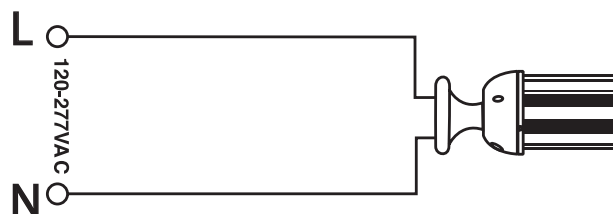


Fig 3