

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	Min. Start Temp. _____	-22°F(-30°C)
Rated Life _____	50,000 hour life	Max. Operating Temp. _____	140°F(60°C)
Watt _____	45W	Warranty _____	5-Year Limited
Lumens _____	5850 (84010), 6075 (84011)	Control _____	Non-dimmable
Lumens per Watt (LPW) _____	120	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

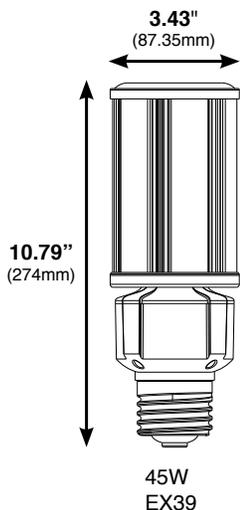
Ordering Information



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.

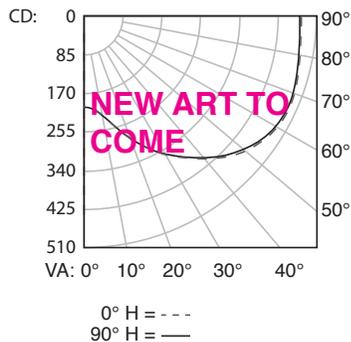
Dimensions



Photometrics

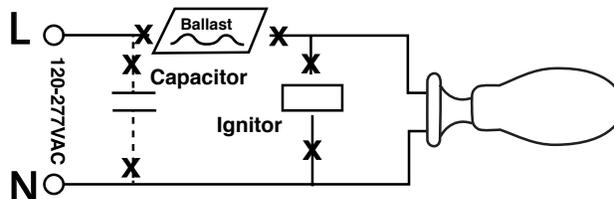
84010 & 84011

HID45/850/MV2/E39/LED

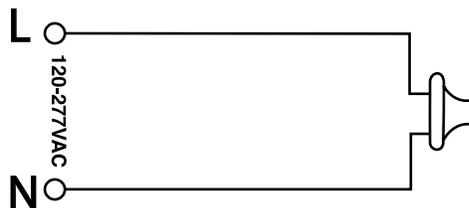


Installation Steps:

- 1 TURN OFF THE POWER BEFORE INSTALLATION.
- 2 As shown in *Figure 1*;
Remove the old Ballast, Capacitor and Ignitor (if existing).



- 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).



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

