

# HID LED 45W TITANIUM LED SERIES



PRO



45W REPLACES



100-175W  
HID

70% Energy Savings

**\$289** Savings per lamp\*

- Direct line voltage 120-277V - Not compatible with ballasts
- Designed for use in post top applications
- Compatible with EX39 & E39 sockets
- Fully omnidirectional 320° beam angle
- Available in 3000K & 5000K CCT
- Suitable for use in totally enclosed fixtures



## HID LED PRODUCT FEATURES

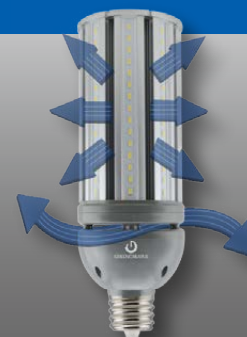
### Suitable for Enclosed Fixtures



This HID LED lamp replaces a 100-175W HID and is suitable for use in totally enclosed fixtures. Its high lumen output and exceptional efficacy make it an ideal choice for outdoor post top applications.

### CoolSink Technology

The CoolSink passive cooling system allows air to flow freely through the lamp. This unique design uses an increased cooling surface area to reduce the operating temperature of the LED and power supply, thus resulting in longer lamp life and lumen maintenance.



## APPLICATIONS

### General Lighting



### Teardrop Lighting



### Post Top Lighting



Ref.:#DS131-HID-LED-45W-277V

## SPECIFICATIONS

Product Model	97821 45HID/827/277V/E39 45HID/827/277V/EX39 (MTO)	57938 45HID/830/277V/EX39	57940 45HID/850/277V/EX39	97822 45HID/827/277V/E39 45HID/857/277V/EX39 (MTO)
<b>Type</b>	HID LED	HID LED	HID LED	HID LED
<b>Base</b>	EX39 (Compatible with E39)	EX39 (Compatible with E39)	EX39 (Compatible with E39)	EX39 (Compatible with E39)
<b>Power (W)</b>	45	45	45	45
<b>Voltage - Frequency</b>	100-277V	100-277V	100-277V	100-277V
<b>Color Temp. (ANSI)</b>	Soft White 2700K	Warm White 3000K	Daylight 5000K	Daylight 5700K
<b>CRI (Ra) (typ.)</b>	80	80	80	80
<b>Bare Lamp lumens (lm)</b>	5040	5040	5400	5400
<b>Bare Lamp efficacy (LPW)</b>	112	112	120	120
<b>Fixture lumens (lm)***</b>	3000	3000	3000	3000
<b>Fixture efficacy (LPW)***</b>	67	67	67	67
<b>Beam Angle</b>	320°	320°	320°	320°
<b>Dimmable</b>	No	No	No	No
<b>Power Factor</b>	0.9	0.9	0.9	0.9
<b>Rated Lifetime - L70 (hrs.)</b>	50,000	50,000	50,000	50,000
<b>Dia. x MOL</b>	3.66"x11.34" (93x288mm)	3.66"x11.34" (93x288mm)	3.66"x11.34" (93x288mm)	3.66"x11.34" (93x288mm)
<b>Weight (lb. / g)</b>	2.2lbs / 1033g	2.2lbs / 1033g	2.2lbs / 1033g	2.2lbs / 1033g

\* Savings per fixture based on \$0.11 / kw energy cost, 12 hrs / \$12 HID with 10,000-hr lifetime, \$70 ballast, \$120 LED HID with 50,000 hr lifetime  
 \*\* Suitable for use in totally enclosed fixtures

\*\*\* Fixture lumens and efficacy based on DLC testing in Post Top fixture with prismatic diffuser: GE Patriarch Luminaire  
 \*\*\*\* Suitable for damp locations. Not for use where directly exposed to weather or water