

# HID LED 80W TITANIUM LED SERIES



PRO



80W REPLACES



175-250W  
HID

70% Energy Savings

**\$181** 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 4000K & 5000K CCT
- Suitable for use in totally enclosed fixtures



## HID LED PRODUCT FEATURES

### Suitable for Enclosed Fixtures



This HID LED lamp replaces a 175-250W 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.:#DST148-HID-LED-80W-277V

## SPECIFICATIONS

Product Model	57948 80HID/840/277V/EX39/R	57949 80HID/850/277V/EX39/R
Type	HID LED	HID LED
Base	EX39 (Compatible with E39)	EX39 (Compatible with E39)
Power (W)	80	80
Voltage - Frequency	120-277V	120-277V
Color Temp. (ANSI)	Cool White 4000K	Daylight 5000K
CRI (Ra) (typ.)	82	80
Bare Lamp lumens (lm)	9300	9600
Bare Lamp efficacy (LPW)	116	120
Fixture lumens (lm)***	7960	7960
Fixture efficacy (LPW)***	97	97
Beam Angle	320°	320°
Dimmable	No	No
Power Factor	0.9	0.9
Rated Lifetime - L70 (hrs.)	50,000	50,000
Dia. x MOL	5.87"x10.16" (148x258mm)	5.87"x10.16" (148x258mm)
Weight (lb. / g)	3.8lbs / 1724g	3.8lbs / 1724g

## HID EQUIVALENCE

GREEN CREATIVE HID LED		Metal Halide		Mercury Vapor		High Pressure Sodium	
Power	Lumens	Power	Mean Lumens	Power	Mean Lumens	Power	Mean Lumens
80W	9600	175W	10,800	250W	11,000	100W	8000

\* Savings per fixture based on \$0.11 / kw energy cost, 12 hrs / \$12 HID with 10,000-hr lifetime, \$70 ballast, \$285 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

\*\*\*\*\* Not suitable for use in horizontal applications