

HID LED 80W TITANIUM LED SERIES



PRO



80W REPLACES



**175-250W
HID**

70% Energy Savings

\$136 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 5000K CCT
- Suitable for use in totally enclosed fixtures



LM 79

LM 80

TM 21



HID LED PRODUCT FEATURES

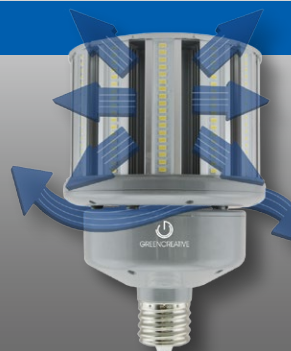
Suitable for Enclosed Fixtures



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.



HID LED 80W

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APPLICATIONS

General Lighting



Teardrop Lighting



Post Top Lighting



Ref.:#DS148-HID-LED-80W-277V

SPECIFICATIONS

Product Model	57949 80HID/850/277V/EX39
Type	HID LED
Base	EX39 (Compatible with E39)
Power (W)	80
Voltage - Frequency	120-277V
Color Temp. (ANSI)	Daylight 5000K
CRI (Ra) (typ.)	80
Bare Lamp lumens (lm)	9600
Bare Lamp efficacy (LPW)	120
Fixture lumens (lm)***	5800
Fixture efficacy (LPW)***	73
Beam Angle	320°
Dimmable	No
Power Factor	0.9
Rated Lifetime - L70 (hrs.)	50,000
Dia. x MOL	5.87"x10.16" (148x258mm)
Weight (lb. / g)	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, \$250 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