

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, 4000K & 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 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.



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APPLICATIONS

General Lighting



Teardrop Lighting



Post Top Lighting



Ref.:#DS131-HID-LED-45W-277V-010617

SPECIFICATIONS

Product Model	57938 45HID/830/277V/EX39/R	57939 45HID/840/277V/EX39/R	57940 45HID/850/277V/EX39/R
Type	HID LED	HID LED	HID LED
Base	EX39 (Compatible with E39)	EX39 (Compatible with E39)	EX39 (Compatible with E39)
Power (W)	45	45	45
Voltage - Frequency	100-277V	100-277V	100-277V
Color Temp. (ANSI)	Warm White 3000K	Cool White 4000K	Daylight 5000K
CRI (Ra) (typ.)	80	80	80
Bare Lamp lumens (lm)	5040	5350	5400
Bare Lamp efficacy (LPW)	112	119	120
Fixture lumens (lm)***	3000	3000	3000
Fixture efficacy (LPW)***	67	67	67
Beam Angle	320°	320°	320°
Dimmable	No	No	No
Power Factor	0.9	0.9	0.9
Rated Lifetime - L70 (hrs.)	50,000	50,000	50,000
Temperature Rating	-4°F/-20°C - 95°F/35°C	-4°F/-20°C - 95°F/35°C	-4°F/-20°C - 95°F/35°C
Dia. x MOL	3.66"x10.67"(93x271mm)	3.66"x10.67"(93x271mm)	3.66"x10.67"(93x271mm)
Weight (lb. / g)	2.2lbs / 1033g	2.2lbs / 1033g	2.2lbs / 1033g

HID EQUIVALENCE

GREEN CREATIVE HID LED		Metal Halide		Mercury Vapor		High Pressure Sodium	
Power	Lumens	Power	Mean Lumens	Power	Mean Lumens	Power	Mean Lumens
45W	5400	100W	5800	175W	6250	70W	5350

* Savings per fixture based on \$0.11 / kw energy cost, 12 hrs / \$12 HID with 10,000-hr lifetime, \$70 ballast, \$90 LED HID with 50,000 hr lifetime

** Suitable for use in totally enclosed fixtures

*** Fixture lumens and efficacy based on GE Patriarch Luminaire.

**** Suitable for damp locations. Not for use where directly exposed to weather or water

***** Suitable for use in horizontal applications