



LED HID RETROFIT BULB

DESCRIPTION

Reduce energy and maintenance costs by replacing 70W to 175W metal halide bulbs with these more efficient LED HID retrofit bulbs.

FEATURES

- Delivers up to 167 LPW for highly efficient performance
- Medium E26 or Mogul EX39 base; EX39 based bulbs can be used in both E39 and EX39 sockets
- Frosted glass lens replicates the traditional look of HID bulbs while diffusing the light output for reduced glare and even illumination
- Universal burn position
- Ballasts, capacitors, and starters must be removed (bypassed) from fixture during installation; see installation instructions for more information

LISTINGS

- UL rated for wet locations
- Enclosed Fixture Rated

PERFORMANCE

- CRI: 80
- CCT: 5000K
- LED L70 Life Hours: 25,000 hours
- Burn Position: Universal

THERMAL

- -4°F to 104°F or (-20°C to 40°C) operating temperature

ELECTRICAL

- Power Factor: >0.9
- Input Voltage: 120-277V
- Surge Protection: 2.5kV RingWave

WARRANTY

- 3 year limited warranty; see pltsolutions.com for warranty details

project name	type
catalog number	
comments	voltage
approved by	date



APPLICATIONS

- Low Bay Fixtures
- Security Lighting
- Wall Packs
- Post Tops

PERFORMANCE	Power Consumption	15, 16, 22, 30, 36, 42W
	Lumens	2000, 2500, 3000, 4000, 5000, 6000
	Efficacy (LPW)	125, 133, 136, 139, 143, 167
	CRI	80
	CCT	5000K
	LED L70 Life Hours	25,000
	Burn Position	Universal
ELECTRICAL	Power Factor	>0.9
	Input Voltage	120-277V
CONSTRUCTION	Operating Temperature	-4°F to 104°F or (-20°C to 40°C)
	Shape	ED17, ED23, ED28
	Base	E26, EX39
	Lens	Glass
	Finish	Frosted; Clear
LISTINGS	Certifications	UL listed
	Environment	Wet Location Rated; Enclosed Fixture Rated

PERFORMANCE SUMMARY

Item #	Shape	Watts	Lumens	LPW	Voltage	Replaces	CCT	CRI	THD	Base	LED L70 Life Hours	Lens	Burn Position	Surge Protection
PLT-12530	ED17	15	2500	167	120-277V	MH80	4000K	80	9% - 120V 14% - 277V	E26	25,000	Clear	Universal	No
PLT-12532	ED17	15	2500	167	120-277V	MH80	4000K	80	9% - 120V 12% - 277V	E26	25,000	Frosted	Universal	No
PLT-12533	ED23	16	2000	125	120-277V	MH70	5000K	80	13% - 120V 23% - 277V	E26	25,000	Clear	Universal	Yes
PLT-12534	ED23	22	3000	136	120-277V	MH100	5000K	80	13% - 120V 23% - 277V	E26	25,000	Clear	Universal	Yes
PLTS-12379	ED23	16	2000	125	120-277V	MH70	5000K	80	12% - 120V 21% - 277V	E26	25,000	Frosted	Universal	Yes
PLTS-12380	ED23	22	3000	136	120-277V	MH100	5000K	80	12% - 120V 21% - 277V	E26	25,000	Frosted	Universal	Yes
PLTS-12381	ED23	30	4000	133	120-277V	MH125	5000K	80	12% - 120V 21% - 277V	E26	25,000	Frosted	Universal	Yes
PLTS-12382	ED28	36	5000	139	120-277V	MH150	5000K	80	13% - 120V 20% - 277V	EX39	25,000	Frosted	Universal	Yes
PLTS-12383	ED28	42	6000	143	120-277V	MH175	5000K	80	12% - 120V 19% - 277V	EX39	25,000	Frosted	Universal	Yes

DIMENSIONS

15W DIMENSIONS

Height: 5.43"
 Diameter: 2.13"
 Weight: 0.13 lbs



16W-30W DIMENSIONS

Height: 7.48"
 Diameter: 2.95"
 Weight: 0.23 lbs



36W-42W DIMENSIONS

Height: 8.43"
 Diameter: 3.54"
 Weight: 0.33 lbs



WARNINGS

- Not for use with dimmers.