

LED Replacement Lamps

LED Replacement Lamps for HID Ballast Bypass (Type B)

Product Description:

LED replacement for HID lamps leverage the low energy and long life of LED. The existing fixture is wired to bypass the ballast, which further reduces energy use and eliminates the need to check ballast compatibility. Additional maintenance savings are realized by removing costs associated with replacing ballasts.

Performance Highlights:

Light Output Range: 3,000-23,500 Lumens

CRI: >70

CCT: 3000K; Instant On/Brightness

Input Voltage: 120-277V

Efficiency: > 140 LPW

Wattage: 21W-150W

Limited Warranty: 5 Years / 50,000 hours

Temperature Rating: -20°C to +50°C

Rating: Damp

Fixtures: Open or Enclosed

Certifications: DLC Listed *E26 based products are not eligible for DLC

Benefits:

- Fast and easy LED upgrade
- 2.5X longer life than Metal Halide (50,000 vs. 20,000 hours)
- Additional Cost Savings-ballast bypass
- Better quality of light-instant on
- Omni-directional lamp utilizes existing fixture optics
- Environmentally Conscious - RoHS compliance

Quality and Reliability:

- Tether Kit and in-line fuse included
- Robust construction with metal components
- Driver with internal fuse provides 6 kV surge protection



LED HID Type B Replacement Lamps

Bulb Shape	Base Type	Watts	Order Code	Description	Fixture Rating	Volts	Case Qty**	MOL (In)	MOD (In)	Lumens Initial	Initial Color Temp	CRI	Wattage Replacement	*Rated Life L70 (Hrs)	DLC ®	#Location Rating	Additional Information	
LED Replacement Lamps for HID																		
MED	21	93112111	LED21ED17/730	Open & Enclosed	120-277	3	5.4	2.5	3,000	3000K	>70	50W	50,000	N/A	Damp	Ballast bypass required		
	35	93112114	LED35ED17/730	Open & Enclosed	120-277	3	5.4	2.5	5,000	3000K	>70	70W	50,000	N/A	Damp	Ballast bypass required		
	50	93125012	LED50ED23.5M/730	Open & Enclosed	120-277	3	7.7	3.6	7,500	3000K	>70	100W	50,000	N/A	Damp	Ballast bypass required		
	80	93125009	LED80ED23.5M/730	Open & Enclosed	120-277	3	7.7	3.6	12,000	3000K	>70	175W	50,000	N/A	Damp	Ballast bypass required		
EX39	50	93112115	LED50ED23.5/730	Open & Enclosed	120-277	3	7.7	3.6	7,500	3000K	>70	100W	50,000	Pending	Damp	Ballast bypass required		
	80	93112196	LED80ED23.5/730	Open & Enclosed	120-277	3	7.7	3.6	12,000	3000K	>70	175W	50,000	Pending	Damp	Ballast bypass required		
	115	93112197	LED115ED28/730	Open & Enclosed	120-277	3	8.3	4	18,000	3000K	>70	250W	50,000	Pending	Damp	Ballast bypass required		
	150	91121998	LED150ED28/730	Open & Enclosed	120-277	3	8.3	4	23,500	3000K	>70	400W	50,000	Pending	Damp	Ballast bypass required		

Energy Savings switching from HID to LED

Lamp Wattage Replacement	HID System Wattage	LED System Wattage	System Energy Savings	System Energy Cost Savings Over Life of Lamp*
400W	460W	150W	310W	\$1,705
250W	290W	115W	175W	\$962
175W	210W	80W	130W	\$715
100W	120W	50W	70W	\$385

*Based on energy rates at .11kwh over the life of the lamp