

LED-8089M 80W LED METAL HALIDE BALLAST COMPATIBLE SHOEBOX/WALLPACK



Models

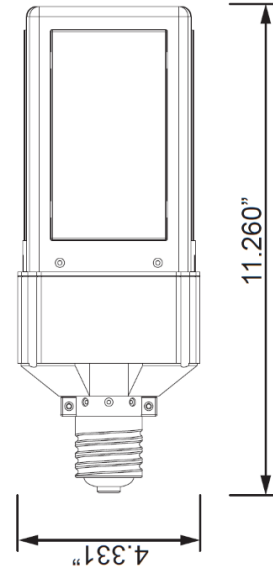
LED-8089MXX-MHBC, 4000K or 5000K CCT, E39

Features

- 80 Watt LED Replaces existing 250w or 320w Metal Halide Lamp
- Operates with pulse start & probe start magnetic 250W & 320W Metal Halide Ballasts only
- Optimized for Shoebox/ Wallpack HID Fixtures
- Type V Optics
- UL Component approved for damp environments (USA & Can)
- Advanced active cooling, Sunon Mag-lev >70,000 hr. fan with temperature control ensures long LED life
- E39 Mogul Base
- >50,000 rated LED life
- 5 year limited warranty (see website for details)
- Rated for enclosed fixture



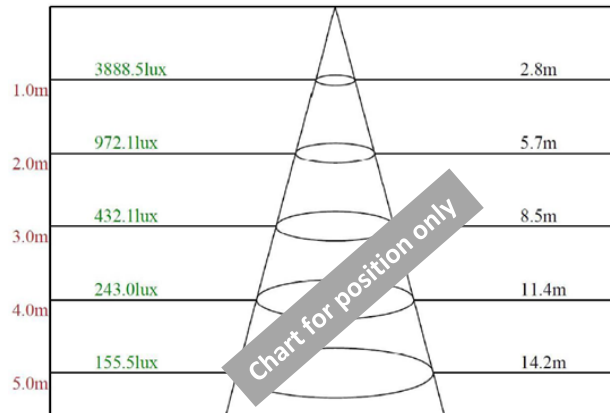
Type V



Technical Specifications

Models US/CAN	LED-8089M40-MHBC	LED-8089M50-MHBC
CCT	4000K	5000K
Power Consumption	80 watts	
Total Wattage w/320w M132/M154 Ballast	126.4 W	
Total Wattage w/250w M138/M153 Ballast	107 W	
Replaces	Replaces 320W & 250W MH	
Mounting	E39	
Compatible Metal Halide Ballasts	320W or 250W Pulse or Probe Start Ballasts	
LED Type	CREE XTE	
Beam Angle	Type V	
Dimmable	No	
Operating Temp	-40°F - +122°F	
Rated R70 Life	Up to 50,000 Hrs.	
Warranty	5 Year Limited*	
LM79 Specifications	Yes	Yes
Power (W) w/320W Ballast	126.4 W	126.4 W
CCT	3988	5000
Light Output	6910	7403
Efficacy	85.75	85.75
THD @ 277V	48.07%	47.79%
PF @ 277V	0.00441	0.450
CRI:	73	72.4
R9	-13	-13
Duv	-0.00230	-0.00035
Packaging	9 / Master Carton	
Unit	6.6"x 6.6"x 12.9" 2.9lbs.	
Master	20.7"x 18.5" x 13.8" 25.5 lbs.	

Lux Distance Curve



Beam angle of C90plane109.74

LED Power Consumption (Watts)	HID Power Consumption (Watts)	HID Ballast Power Consumption (Watts)	Total Savings (Watts)	Annual Energy Savings (14 hrs/day)	Lifetime Energy Savings (over 50,000 hrs)
126.4	320	48	193.6	\$109	\$1,064.80

Mounting Orientation			Minimum Fixture Size Requirements (inches)	
Base Up	Base Down	Horiz	Length	Width
			13.26	6.33
Approved	Approved	Approved	Height	6.33
			Cu. Inches	531.3



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