

# LED-8090M 120W LED METAL HALIDE BALLAST COMPATIBLE SHOEBOX/WALLPACK



## Models

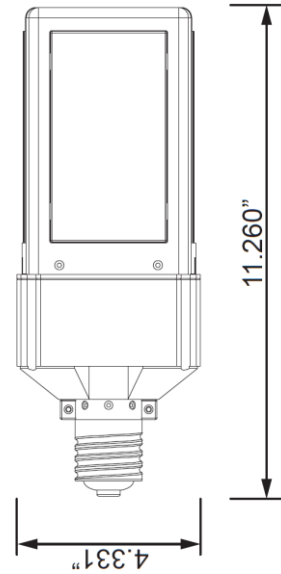
LED-8090MXX-MHBC, 4000K or 5000K CCT, E39

## Features

- 120 Watt LED Replaces existing 320w or 400w Metal Halide Lamp
- Operates with pulse start and probe start magnetic 320W & 400W Metal Halide Ballasts only
- Optimized for Shoebox / Wallpack HID fixture
- 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



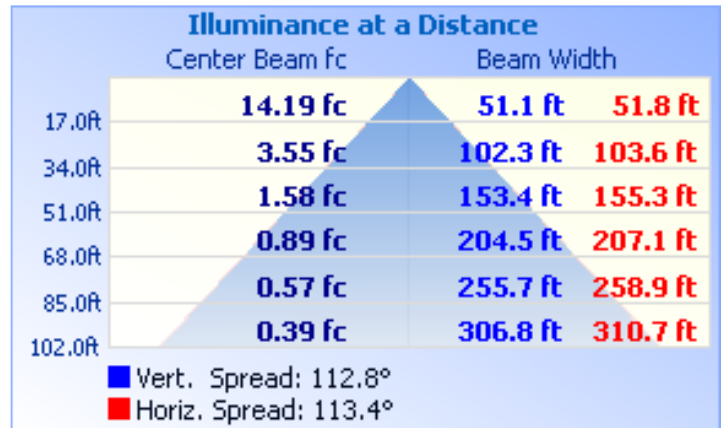
Type V



## Technical Specifications

Models US/CAN	LED-8090M40-MHBC	LED-8090M50-MHBC
CCT	4000K	5000K
Power Consumption	120 watts	
Total Wattage w/400w M59 Ballast	154 W	
Total Wattage w/320w M132 Ballast	124 W	
Replaces	320W or 400W MH	
Mounting	E39	
Compatible Metal Halide Ballasts	320W (M132) 400W (M59)	
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*	
<b>LM79 Specifications</b>	<b>Yes</b>	<b>Yes</b>
Power (W) w/400W Ballast	154 W	154 W
CCT	4144	4981
Light Output	9591	10434
Efficacy	103.51	91.94
THD @ 277V	18.86%	18.15%
PF @ 277V	91	91
CRI:	84.6	77
R9	18	0
Duv	0.0008	0.0011
<b>Packaging</b>	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.	

## Illuminance Plots



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)
154	400	60	246	\$138	\$1,353.00

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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