LED-8090 Shoe Box / Wall Pack / Canopy

LED for HID RETROFIT

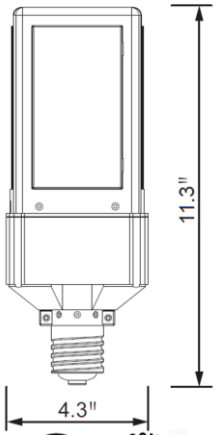
SKU (USA)	SKU (Canada)	Description
LED-8090M40	LED-8090M40C	120W 4000K Type V Distribution
LED-8090M4T3	LED-8090M4C3	120W 4000K Type III Distribution
LED-8090M4T4	LED-8090M4C4	120W 4000K Type IV Distribution
LED-8090M50	LED-8090M50C	120W 5000K Type V Distribution
LED-8090M5T3	LED-8090M5C3	120W 5000K Type III Distribution
LED-8090M5T4	LED-8090M5C4	120W 5000K Type V Distribution

120W LED for HID

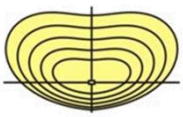
Replaces **400W** MH / HPS

Technical Specifications

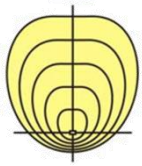
Models US/CAN	LED-8090M40/ LED-8090M40C	LED-8090M50/ LED-8090M50C
CCT	4000K	5000K
Power Consumption	120 watts	
Replaces	250 - 400w MH/HPS	
Mounting	E39	
Voltage	120-277VAC (USA) 120-347VAC (CANADA)	
LED Type	24 CREE XML-2	
Beam Angle	Type V Standard	
Dimmable	No	
Operating Temp	-40°F - +122°F	
Rated R70 Life	Up to 50,000 Hrs.	
Warranty	5 Year Limited*	
LM79 Specifications	Yes	Yes
Power (W)	120	120
CCT	4144	4981
Light Output	9561	10434
Efficacy	81.49	91.94
THD @ 120V	n/a	n/a
THD @ 277V	18.86%	18.18%
PF @ 120V	n/a	n/a
PF @ 277V	0.918	0.913
CRI:	84.6	77
R9	18	0
Duv	0.0008	0.0011
Packaging	9 / Master Carton	
Unit	5.3"x 5.3"x 12.9" X.Xlbs.	
Master	16.7" x 16.7" x 13.6" XX lbs	



Type III



Type IV



Type V

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Description:
120W LED retrofit lamp to replace MH and HPS lamps up to 400w, E39 Mogul base. Rotatable base enables user to accurately direct LED output to target. UL damp rated approved for fully enclosed fixtures. UL1598C rating allows modified fixture to maintain UL listing.

Features:
- Replaces 250-400w HID Lamps
- 120-277V or 120-347V (Canada)
- UL Classified for damp environments (USA & Canada)
- UL approved for fully enclosed fixtures (USA & Can)
- Available with Type III, IV or V optics
- 4 Active Cooling Fans >70,000 hr. rated life
- 50,000 rated life
- 5 year limited warranty (see website for details)

Applications:

Wall Pack

Cut-Off Wall Pack

Shoe Box Parking

Installation Notes:
- When installing LED-8000 series retrofit lamps within HID fixtures, **ballast must be bypassed** when present.
- 8000 series retrofits are UL damp rated, sealing the fixtures after installation will deliver best results.
- **Installing surge/lightning protectors is highly recommended** and helps to eliminate premature driver failure caused by surges and other power fluctuations.

Note: All specification information falls within a ± 2% range and is subject to change without notice.

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