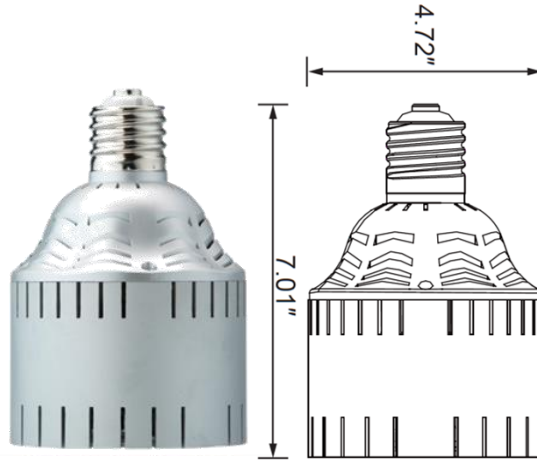


LED-8045M PAR38 / Recessed/ Flood

SKU (USA)	SKU (Canada)	Description
LED-8045M27	LED-8045M27C	50W 2700K
LED-8045M42	LED-8045M42C	50W 4200K
LED-8045M50	LED-8045M50C	50W 5700K

Technical Specifications			
Models US/CAN	LED-8045M27/ LED-8045M27C	LED-8045M42/ LED-8045M42C	LED-8045M50/ LED-8045M50C
CCT	2700K	4200K	5000K
Power Consumption	50 watts		
Replaces	175w MH/HPS		
Mounting	E39		
Voltage	120-277VAC (USA) 120-347VAC (CANADA)		
LED Type	3 Bridgelux COB LED's		
Beam Angle	45		
Dimmable	No		
Operating Temp	-40°F - +122°F		
Rated R70 Life	Up to 50,000 Hrs.		
Warranty	5 Year Limited*		
LM79 Specifications	Yes	Yes	Yes
Power (W)	52.1	51.78	52.69
CCT	2737	4129	5132
Light Output	3478	4677.5	4684.6
Efficacy	66.77	90.33	88.89
THD @ 277V	11.90%	8.76%	10.44%
PF @ 277V	0.945	0.948	0.949
CRI:	81.2	82.5	83.9
R9	11	12	20
Duv	-0.0011	0.0003	0.0009
Packaging	4 / Master Carton		
Unit	6.1" x 6.1" x 8.46" 2.13 lbs.		
Master	12.8" x 12.8" x 9.1" 9.36 lbs.		

Note: All specification information falls within a $\pm 2\%$ range and is subject to change without notice.
NOTE: Light Efficient Design is providing this information to the general public. Please note that all products contained herein are trademarked, copyrighted, and/or have patents pending. Any use of these designs is strictly prohibited without prior written consent. Light Efficient Design protects its proprietary information vigorously in the courts of the United States of America.



50W
LED for HID

Replaces
175W
MH / HPS

CLASSIFIED
UL C UL
LISTED LISTED

FC lighting design lab

Description:

50W LED retrofit lamp to replace MH and HPS lamps up to 175w, E39 Mogul base. UL listed approved for damp environments & open or fully enclosed fixtures. Retrofitted fixture retains UL approval under UL Classified 1598C.

Features:

- Replaces 175w HID Lamps
- 120-277V or 120-347V (Canada)
- UL approved for both open and fully enclosed fixtures within damp environments (USA & Canada)
- Active Cooling Fan >70,000 hr. rated life
- 50,000 HR rated LED life
- 5 year limited warranty (see website for details)

Applications:



Recessed



Flood

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.