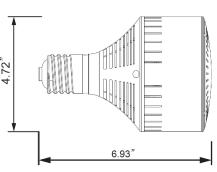
LED-8055M 30W LED for HID Retrofit for Recessed/ Flood





Description:

- 30 Watts Replaces 100w HID Lamps
- Optimized for Low Bay HID fixture with PC or Glass Globe
- 120° Beam Angle
- 120-277V UL 1993, UL1598C US and Canada
- 120-347V UL 1993, UL1598C Canada only
- UL classified for damp environments (USA & Can)
- Advanced active cooling, Sunon Mag-lev >70,000 hr. fan
- E39 Mogul Base
- >50,000 rated LED life
- 5 year limited warranty (see website for details)









Photometric Data

Technical Specifications							
Models US/CAN	LED-8055M27	LED-8055M42	LED-8055M57	LED-8055M27C	LED-8055E=M42C	LED-8055M57C	
ССТ	2700K	4200K	5700K	2700K	4200K	5700K	1
Power Consumption		30 watts			30 watts		1
Replaces	10	0w MH/H	IPS	10	0w MH/H	IPS	1
Mounting		E39			E39		1
Voltage	120-277VAC (USA/Canada)			120-347VAC (Canada Only)			
LED Type	24 Hongli SMD LED's			24 Hongli SMD LED's			
Beam Angle	120°			120°			1
Dimmable		No		No			1
Operating Temp	-40°F - +122°F			-40°F - +122°F			1
Rated R70 Life	>50,000 Hrs. >50,000 Hrs.			rs.] 1		
Warranty	5 Y	ear Limit	r Limited* 5 Year Limited*			ed*]
LM79 Specifications	Yes	Yes	Yes	Yes	Yes	Yes	3.654
Power (W)	30.2	32.3	32.2	30.2	32.3	32.2	130
ССТ	2783 4105 5958		2783	4105	5958	642	
Lumen Output	2537.2	2841.7	2885.7	2537.2	2841.7	2885.7	0.33
Efficacy	83.9	88.01	89.65	55 83.9 88.01 89.6		89.65	nec
THD @ 277V	13.4%	13.4%	10.9%	13.4%	13.4%	10.9%	0.35
PF @ 277V	0.9	0.911	0.918	0.9	0.911	0.918	0.67
CRI:	82.2	88	88.3	82.2 88 88.3			
R9	9	29 37 9 29 37					

LCTECH IES LM79-08 NVLAP 5000080-0

-0.00103

-0.00115

0.00127

-0.00103

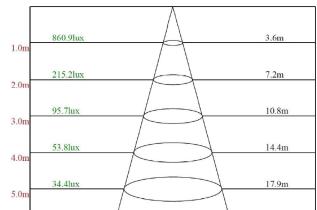
Packaging	4 / Master Carton
Unit	6.1" x 6.1" x 8.46" 1.80 lbs.
Master	12.8" x 12.8" x 9.1" 8.0 lbs.

0.00127

-0.00115

Test Data Source

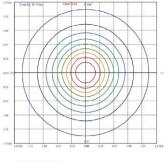
Lux Distance Curve

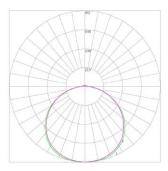


Beam angle of C60plane121.72

SO Illuminance Diagram

Polar Curves









LED-8055M 30W LED for HID Retrofit for Recessed/ Flood



In-Situ Temperature Measurement Test Summary

3.1 Electrical Data

Criteria Item	Result		
Input Voltage	277V	347V	
Input Current	.342 A	N/A	
Total Power	80.86	N/A	
Power Factor	0.854 N/A		

Thermocouple Contact Photo

3.2 Tempurature Data

Criteria Item	Result	
Total Operating Period	4.5 hrs	N/A
Ambient Temperature	24.3°C	N/A
Measured Maximum Temp @ LED	63.3°C	N/A
Normalized Temperature	64.0°C	N/A

Enclosed Fixture Temperature Results

3.3 Lumen Maintenance Projection (IESNA TM-21 Method)					
Criteria Item		Result			
6000 Hours Lumen Maintenance of LED light Source	97.01% N/A				
Drive current on each LED light source		530 mA	N/A		
Projected L70 Lumen Maintenance		202,000 Hrs	N/A		
Reported L70 Lumen Maintenance		>36,000 Hrs	>36,000 Hrs		

Criteria Item	Result		
Ambient Temperature	NOT TESTED	NOT TESTED	
Inside Fixture Temperature	NOT TESTED	NOT TESTED	
Measured Maximum Temp @ LED	NOT TESTED	NOT TESTED	
Reported L70 Lumen Maintenance	NOT TESTED	NOT TESTED	

<u>Installation and Energy Savings Guide (Note: refer to full instructions when installing)</u>

Mounting Orientation			Lab Qualifications	Status	Product Documentation	Status
Base Up	Base Down	Horizontal				
		UL Fixtures	Enclosed/Open	LM79	LC Tech NVLAP 500080-0	
		Environment	Damp Rated	ISTMT	LC Tech NVLAP 500080-0	
		UL Listing	UL1993 (OOLV) E347112	FCC	Passed Part 15, Sub-part B	
- Argenting	3		UL Classified	UL 1598C (IFAR) E344517	IES	Available, software required
Approved	Approved	Approved	(go to www.LED-LLC.com to download product documentation)			

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)
30	100	60	130	\$73	\$715.00

Light Efficient Design ●188 S. Northwest Highway ● Cary, IL 60013 ● www.led-llc.com