

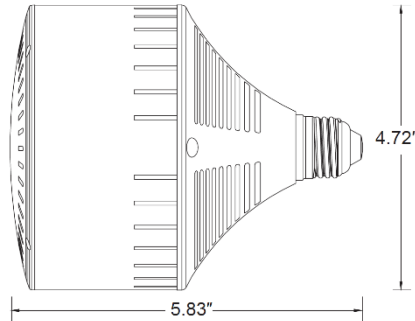
LED-8055E 30W LED for HID Retrofit for Low Bay

LED for **HID**
RETROFIT



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
- E26 Base
- >50,000 rated LED life
- 5 year limited warranty (see website for details)

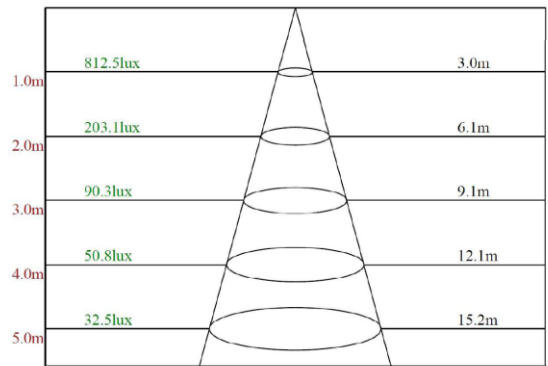


Photometric Data

Technical Specifications

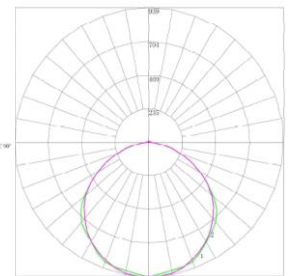
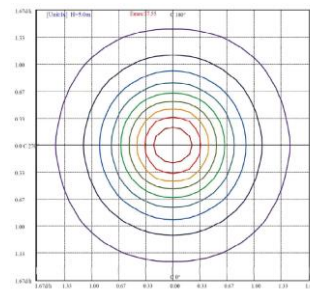
Models US/CAN	LED-8055E27	LED-8055E42	LED-8055E57	LED-8055E27C	LED-8055E42C	LED-8055E57C
CCT	2700K	4200K	5700K	2700K	4200K	5700K
Power Consumption	30 watts			30 watts		
Replaces	100w MH/HPS			100w MH/HPS		
Mounting	E26			E26		
Voltage	120-277VAC (USA/Canada)			120-347VAC (Canada Only)		
LED Type	24 Hongli SMD LED's			24 Hongli SMD LED's		
Beam Angle	120°			120°		
Dimmable	No			No		
Operating Temp	-40°F - +122°F			-40°F - +122°F		
Rated R70 Life	>50,000 Hrs.			>50,000 Hrs.		
Warranty	5 Year Limited*			5 Year Limited*		
LM79 Specifications	Yes	Yes	Yes	Yes	Yes	Yes
Power (W)	30.2	32.3	32.2	30.2	32.3	32.2
CCT	2783	4105	5958	2783	4105	5958
Lumen Output	2537	2841	2885	2537	2841	2885
Efficacy	83.9	88.01	89.65	83.9	88.01	89.65
THD @ 277V	13.4%	13.4%	10.9%	13.4%	13.4%	10.9%
PF @ 277V	0.9	0.911	0.918	0.9	0.911	0.918
CRI:	82.2	88	88.3	82.2	88	88.3
R9	9	29	37	9	29	37
Duv	-0.001	0.001	-0.001	-0.001	0.001	-0.001
Test Data Source	LCTECH IES LM79-08 NVLAP 5000080-0					
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.					

Lux Distance Curve



ISO Illuminance Diagram

Polar Curves



(CCT)max: 2783K
 (CCT)min: 2783K
 (CCT)max: 4105K
 (CCT)min: 4105K
 (CCT)max: 5958K
 (CCT)min: 5958K



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In-Situ Temperature Measurement Test Summary

Thermocouple Contact Photo

3.1 Electrical Data

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

3.2 Temperature Data

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

3.3 Lumen Maintenance Projection (IESNA TM-21 Method)

Criteria Item	Result	
	6000 Hours Lumen Maintenance of LED light Source	97.01%
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

Enclosed Fixture Temperature Results

Criteria Item	Result	
	Ambient Temperature	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

Installation and Energy Savings Guide (Note: refer to full instructions when installing)

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
			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