



## LED-8055E/M 30W Recessed Can Retrofit

### Models

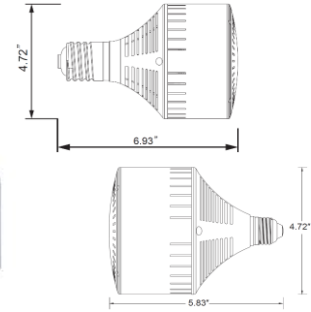
LED-8055E/MXX, 120-277VAC, cULus, 2700K, 4200K & 5700K CCT  
 LED-8055E/MXXC, 347VAC, cUL, 2700K, 4200K or 5700K CCT

### Description

Light Efficient Design's Recessed Can retrofits replace HID lamps up to 100W HID. Advanced Active Cooling technology improves thermal performance and delivers the highest light output along with longer LED and driver life versus lamps limited to passive cooling. All models are tested by UL under 1598C that insures that retrofitted fixture retains safety certification as well as approved by UL for enclosed fixtures.

### Features

- 30W LED Replaces 100W MH or HPS HID Lamps
- Up to 2,885 lumen output and 89 LPW efficacy
- Available in either E26 Edison or E39 Mogul screw base
- UL approved for damp environments and enclosed fixtures
- Advanced active cooling: Active cooling and dynamic temperature control
- Integrated 6kA surge
- 50,000 hour rated LED life (supported by LM80 and ISTMT reports (see website))
- 5 Year Limited Warranty - see website for details
- Insect/dust resistant housing



### TECHNICAL SPECIFICATIONS - USA 120-277V - ALL MODELS cULus

MODEL	VOLTAGE	WATTAGE	LUMENS*	LPW*	REPLACES	BASE	CCT	CRI*	THD*	PF*	R9*	Duv*	LIGHT DISTRIBUTION	DIMMABLE
LED-8055E27	120-277V	30W	2537	83	100W HID	E26 Edison	2700K	82.2	13.4	0.9	9	-0.0012	Directional / 120°	No
LED-8055E42			2841	88			4200K	88	13.4	0.911	29	0.00127		
LED-8055E57			2885	89			5700K	88.3	10.9	0.918	37	-0.001		
LED-8055M27			E39 Mogul	2537		83	2700K	82.2	13.4	0.9	9	-0.0012		
LED-8055M42				2841		88	4200K	88	13.4	0.911	29	0.00127		
LED-8055M57				2885		89	5700K	88.3	10.9	0.918	37	-0.001		

### TECHNICAL SPECIFICATIONS - CANADA 347V - ALL MODELS CUL

MODEL	VOLTAGE	WATTAGE	LUMENS*	LPW*	REPLACES	BASE	CCT	CRI*	THD*	PF*	R9*	Duv*	LIGHT DISTRIBUTION	DIMMABLE
LED-8055E27C	120-347V	30W	2537	83	100W HID	E26 Edison	2700K	82.2	13.4	0.9	9	-0.0012	Directional / 120°	No
LED-8055E42C			2841	88			4200K	88	13.4	0.911	29	0.00127		
LED-8055E57C			2885	89			5700K	88.3	10.9	0.918	37	-0.001		
LED-8055M27C			E39 Mogul	2537		83	2700K	82.2	13.4	0.9	9	-0.0012		
LED-8055M42C				2841		88	4200K	88	13.4	0.911	29	0.00127		
LED-8055M57C				2885		89	5700K	88.3	10.9	0.918	37	-0.001		

### PACKAGING SPECIFICATIONS

MODEL	PRODUCT DIMENSION	PRODUCT WEIGHT	UNIT CARTON DIMENSION	UNIT CTN WT	SHIPPER CARTON DIMENSION	SHIPPER CTN WT	CARTON QUANTITY
LED-8055E27	6 x 4.7 in.	1.32 Lbs	6.1 X 6.1 x 8.5 in.	1.8 lbs.	12.8 X 12.8 X 9.1 in.	11.02 Lbs.	4
LED-8055M27	6.8 x 4.7 in.	1.32 Lbs	6.1 X 6.1 x 8.5 in.	1.8 lbs.	12.8 X 12.8 X 9.1 in.	11.02 Lbs.	4

### UPC / UCC

### DESIGN LIGHTS CONSORTIUM QPL CERTIFICATION SUMMARY (E39 MODELS ONLY)

MODEL	PRODUCT UPC	CARTON UCC	QPL CATEGORY 1	PRODUCT CODE	FAMILY CODE	QPL CATEGORY 2	PRODUCT CODE	FAMILY CODE
LED-8055E27	8440060 8115 7	10 8440060 8115 4	N/A	N/A	N/A	N/A	N/A	N/A
LED-8055E42	8440060 8116 4	10 8440060 8116 1	N/A	N/A	N/A	N/A	N/A	N/A
LED-8055E57	8440060 8117 1	10 8440060 8117 8	N/A	N/A	N/A	N/A	N/A	N/A
LED-8055M27	8440060 8185 0	10 8440060 8185 7	N/A	N/A	N/A	N/A	N/A	N/A
LED-8055M42	8440060 8186 7	10 8440060 8186 4	N/A	N/A	N/A	N/A	N/A	N/A
LED-8055M57	8440060 8187 4	10 8440060 8187 1	N/A	N/A	N/A	N/A	N/A	N/A
LED-8055E27C	8440060 8122 5	10 8440060 8122 2	N/A	N/A	N/A	N/A	N/A	N/A
LED-8055E42C	8440060 8123 2	10 8440060 8123 7	N/A	N/A	N/A	N/A	N/A	N/A
LED-8055E57C	8440060 8124 9	10 8440060 8124 6	N/A	N/A	N/A	N/A	N/A	N/A
LED-8055M27C	8440060 8212 3	10 8440060 8212 0	N/A	N/A	N/A	N/A	N/A	N/A
LED-8055M42C	8440060 8213 0	10 8440060 8123 9	N/A	N/A	N/A	N/A	N/A	N/A
LED-8055M57C	8440060 8214 7	10 8440060 8214 6	N/A	N/A	N/A	N/A	N/A	N/A

### ENERGY SAVING vs. HID

### ZONAL LUMENS/ LUX DISTANCE DATA (see LM79 for more information)

### Mounting Orientation

LED Lamp Power (watts)	30	Zone	Lumens	%Lamp	%Fixt	Zone	Lumens	BASE DOWN	BASE UP	HORIZONTAL		
								HID Lamp Power (watts)	100	0-20	344.99	12.10
HID Ballast Power (watts)	15	0-30	739.72	25.80	25.80	10-20	256.41	APPROVED	APPROVED	APPROVED		
		0-40	1221.00	42.70	42.70	20-30	394.73					
		0-60	2185.42	76.40	76.40	30-40	481.28					
		0-80	2725.7	95.70	95.70	40-50	506.46					
		0-90	2798.84	97.80	97.80	50-60	457.96					
		10-90	2710.25	94.70	94.70	60-70	343.08					
		20-40	876.01	30.60	30.60	70-80	196.71					
		20-50	1382.47	48.30	48.30	80-90	73.63					
		40-70	1307.5	45.70	45.70	90-100	21.61					
		60-80	539.79	18.90	18.90	100-110	12.17					
Total power Savings (watts)	85	70-90	196.71	6.90	6.90	110-120	8.33	Recommended Minimum Fixture Size	THERMAL SPECIFICATIONS			
		90-110	33.77	1.20	1.20	120-130	6.51					
		90-120	42.11	1.50	1.50	130-140	5.54					
		90-130	48.62	1.70	1.70	140-150	4.01					
		90-150	58.17	2.00	2.00	150-160	2.62					
Annual Energy Savings	\$ 48	90-180	62.97	2.20	2.20	160-170	1.66	Width	13.3	IN-SITU TEMP MEASUREMENT/L70		
		0-180	28.19	1.00	1.00	170-180	0.52					
		0-180	2861.81	100.00	100.00							
Lifetime Energy Savings over 50,000 hrs)	\$ 468	* Total Luminaire Efficiency = 100.00%										
		Volume (Cu. In.)	106.4	OPERATING TEMPERATURE		-40°F to +122°F		LED TEMPERATURE*				
											* FROM ISTMT REPORT AT 77°F	