



## LED-8088 50W Shoebox / Wallpack Retrofit

### Models

LED-8088EXX, 120-277VAC, cULus, 3000K, 4000K & 5700K CCT  
 LED-8088EXXC, 347VAC, cUL, 4000K or 5700K CCT  
 LED-8088MXX, 120-277VAC, cULus, 3000K, 4000K & 5700K CCT  
 LED-8088MXXC, 347VAC, cUL, 4000K or 5700K CCT

### Description

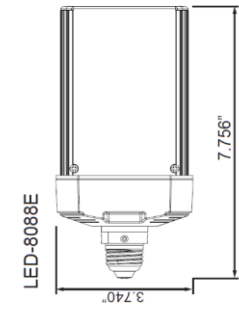
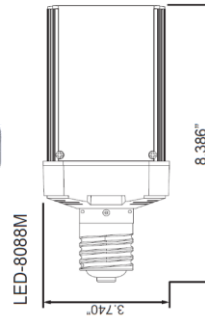
Light Efficient Design's Shoebox/ Wallpack retrofits replace HID lamps up to 175W HID. Advanced Active Cooling technology improves thermal performance and delivers the highest light output along with longer LED and driver life versus lamps limited to passive cooling. All models are tested by UL under 1598C that insures that retrofitted fixture retains safety certification as well as approved by UL for enclosed fixtures.

### Features

- > 50W LED Replaces 175W MH or HPS HID Lamps
- > Rotatable base enables user to accurately direct output to target
- > Designed for Horizontal installations
- > UL approved for damp environments and enclosed fixtures
- > Advanced active cooling: Active cooling and dynamic temperature control
- > 50,000 hour rated LED life (supported by LM80 and ISTMT reports (see website))
- > 5 Year Limited Warranty - see website for details



Mogul Base Models Only  
(See details below)



### 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-8088E30	120-277V	50W	5220	105	175W HID	E26 Edison	3000K	81.8	17.3	.9644	6	-.0007	Directional / TYPE V	No
LED-8088E40			5946	116			4000K	83.8	18.5%	0.918	12	0.0009		
LED-8088E57			6073	115			5700K	84.5	18.6%	0.9659	15	0.0031		
LED-8088M30	120-277V	50W	5697	106	175W HID	E39 Mogul	3000K	81.7	19.88%	.909	5	-0.0003	Directional / TYPE V	No
LED-8088M40			5946	116			4000K	83.8	18.5%	0.918	12	0.0009		
LED-8088M57			5870	115			5700K	85.7	16.6%	0.938	20	0.0021		

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

MODEL	VOLTAGE	WATTAGE	LUMENS*	LPW*	REPLACES	BASE	CCT	CRI*	THD*	PF*	R9*	Duv*	LIGHT DISTRIBUTION	DIMMABLE
LED-8088E40C	120-347V	50W	5946	116	175W HID	E26 Edison	4000K	83.8	18.5%	0.918	12	0.0009	Directional / TYPE V	No
LED-8088E57C			5826	115			5700K	85.7	16.6%	0.938	20	0.0021		
LED-8088M40C	120-347V	50W	5946	116	175W HID	E39 Mogul	4000K	83.8	18.5%	0.918	12	0.0009	Directional / TYPE V	No
LED-8088M57C			5870	115			5700K	85.7	16.6%	0.938	20	0.0021		

### PACKAGING SPECIFICATIONS

MODEL	PRODUCT DIMENSION	PRODUCT WEIGHT	UNIT CARTON DIMENSION	UNIT CTN WT	SHIPPER CARTON DIMENSION	SHIPPER CTN WT	CARTON QUANTITY
LED-8088E	7.9 X 3.75 in.	1.26 Lbs	5.3 X 4.7 X 10.1 in.	1.539 lbs.	16.7 X 15 X 10.8 in.	15.07 Lbs	9
LED-8088M	8.5 X 3.75 in.	1.3 Lbs	5.3 X 4.7 X 10.1 in.	1.581 lbs.	16.7 X 15 X 10.8 in.	15.459 Lbs	9

### UPC / UCC

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

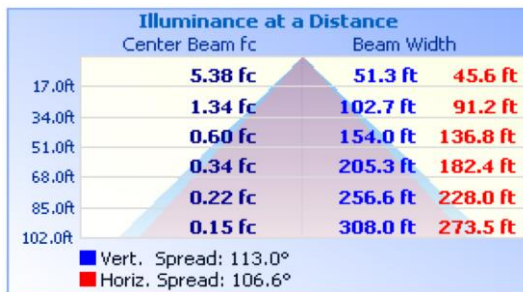
MODEL	PRODUCT UPC	CARTON UCC	QPL CATEGORY 1	PRODUCT CODE	FAMILY CODE	QPL CATEGORY 2	PRODUCT CODE	FAMILY CODE
LED-8088E30	8440060 8128 7	10 8440060 8128 4	N/A	N/A	N/A	N/A	N/A	N/A
LED-8088E40	8440060 8190 4	10 8440060 8190 1	N/A	N/A	N/A	N/A	N/A	N/A
LED-8088E57	8440060 8191 1	10 8440060 8191 8	N/A	N/A	N/A	N/A	N/A	N/A
LED-8088M30	8440060 8283 3	10 8440060 8283 0	N/A	N/A	N/A	N/A	N/A	N/A
LED-8088M40	8440060 8188 1	10 8440060 8188 8	Replacement Lamps for Outdoor Full-Cutoff Wall-mounted Area Luminaires (Type B)	PCAG2R1Q	RRRSRJ	N/A	N/A	N/A
LED-8088M57	8440060 8189 8	10 8440060 8189 5	Replacement Lamps for Outdoor Full-Cutoff Wall-mounted Area Luminaires (Type B)	PPN71ZAJ	RRRSRJ	N/A	N/A	N/A
LED-8088E40C	8440060 8219 2	10 8440060 8219 9	N/A	N/A	N/A	N/A	N/A	N/A
LED-8088E57C	8440060 8220 8	10 8440060 8220 5	N/A	N/A	N/A	N/A	N/A	N/A
LED-8088M40C	8440060 8217 8	10 8440060 8217 5	Replacement Lamps for Outdoor Full-Cutoff Wall-mounted Area Luminaires (Type B)	PM4E4B1V	RRRSRJ	N/A	N/A	N/A
LED-8088M57C	8440060 8218 5	10 8440060 8218 2	Replacement Lamps for Outdoor Full-Cutoff Wall-mounted Area Luminaires (Type B)	PB4F476D	RRRSRJ	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)	50
HID Lamp Power (watts)	175
HID Ballast Power (watts)	26.25
Total power Savings (watts)	151.25
Annual Energy Savings	\$ 85
Lifetime Energy Savings over 50,000 hrs)	\$ 832



BASE DOWN	BASE UP	HORIZONTAL
APPROVED	APPROVED	APPROVED
Recommended Minimum Fixture Size	THERMAL SPECIFICATIONS	
Height	11.9	IN-SITU TEMP MEASUREMENT/L70
Width	5.4	LED TEMPERATURE*
Volume (Cu. In.)	347	-40°F to +122°F
		L70 LED LUMEN MAINTAINANCE*
		69
		* FROM ISTMT REPORT AT 77°F