



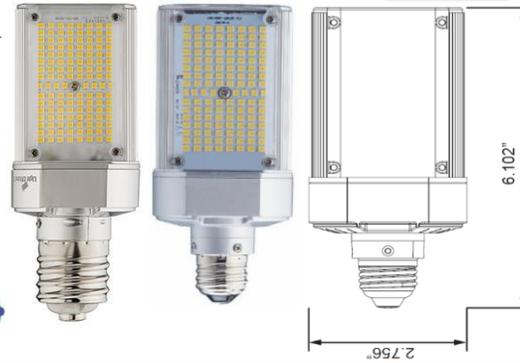
LED-8087 30W Shoebox / Wallpack Retrofit

Models

- LED-8087EXX-A, 120-277VAC, cULus, 3000K, 4000K & 5700K CCT
- LED-8087EXXC-A, 347VAC, cUL, 4000K or 5700K CCT
- LED-8087MXX-A, 120-277VAC, cULus, 3000K, 4000K & 5700K CCT
- LED-8087MXXC-A, 347VAC, cUL, 4000K or 5700K CCT



Mogul Base Models Only
(See details below)



Description

Light Efficient Design's Shoebox/ Wallpack 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
- > 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
- > Rated for enclosed fixture



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-8087E30-A	120-277V	30W	3477	108	100W HID	E26 Edison	3000K	81.4	13.0%	0.9322	4	-0.0006	Directional / TYPE V	No
LED-8087E40-A			4171	127			4000K	83.5	11.7%	0.92	11	0.0005		
LED-8087E57-A			4225	128			5700K	84.4	11.8%	0.92	9	0.0034		
LED-8087M30-A	120-277V	30W	3477	108	100W HID	E39 Mogul	3000K	81.4	13.0%	0.9322	4	-0.0006	Directional / TYPE V	No
LED-8087M40-A			4171	117			4000K	83.5	11.7%	0.92	11	0.0005		
LED-8087M57-A			4225	128			5700K	84.4	11.8%	0.92	9	0.0034		

TECHNICAL SPECIFICATIONS - CANADA 347V - ALL MODELS CuI

MODEL	VOLTAGE	WATTAGE	LUMENS*	LPW*	REPLACES	BASE	CCT	CRI*	THD*	PF*	R9*	Duv*	LIGHT DISTRIBUTION	DIMMABLE
LED-8087E40C-A	347V	30W	3992	127	100W HID	E26 Edison	4000K	83.8	<20%	0.96	12	0.0004	Directional / TYPE V	No
LED-8087E57C-A			4058	129			5700K	84.6	<20%	0.97	12	0.0018		
LED-8087M40C-A	347V	30W	3992	1217	100W HID	E39 Mogul	4000K	83.8	<20%	0.96	12	0.0004	Directional / TYPE V	No
LED-8087M57C-A			4058	129			5700K	84.6	<20%	0.97	12	0.0018		

PACKAGING SPECIFICATIONS

MODEL	PRODUCT DIMENSION	PRODUCT WEIGHT	UNIT CARTON DIMENSION	UNIT CTN WT	SHIPPER CARTON DIMENSION	SHIPPER CTN WT	CARTON QUANTITY
LED-8087E	6" X 2.75"	0.586 Lbs	4.2 X 4.2 X 8.1 in.	0.89 lbs.	13.6 X 13.6 X 8.6 in.	8.5 Lbs	9
LED-8087M	6.7" X 2.75"	0.586 Lbs	4.2 X 4.2 X 8.1 in.	0.89 lbs.	13.6 X 13.6 X 8.6 in.	8.5 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-8087M30-A	8440060 8315 1	10 8440060 831508	Replacement Lamps for Outdoor Pole/Arm-mounted Area and Roadway Luminaires (Type B)	PN9MCS65	PPPRJ	Replacement Lamps for Outdoor Full-Cutoff Wall-mounted Area Luminaires (Type B)	PBZ4912Y	FFFHWJ
LED-8087M40-A	8440060 8282 6	10 8440060 8282 3	Replacement Lamps for Outdoor Pole/Arm-mounted Area and Roadway Luminaires (Type B)	P1YK82WQ	PPPRJ	Replacement Lamps for Outdoor Full-Cutoff Wall-mounted Area Luminaires (Type B)	PAVV2R39	FFFHWJ
LED-8087M57-A	8440060 8280 2	10 8440060 8280 9	Replacement Lamps for Outdoor Pole/Arm-mounted Area and Roadway Luminaires (Type B)	P9MHKX9X	PPPRJ	Replacement Lamps for Outdoor Full-Cutoff Wall-mounted Area Luminaires (Type B)	P99YG8G7	FFFHWJ
LED-8087M40C-A	8440060 8279 6	10 8440060 8279 3	Replacement Lamps for Outdoor Pole/Arm-mounted Area and Roadway Luminaires (Type B)	PSZGY3GX	PPPRK	Replacement Lamps for Outdoor Full-Cutoff Wall-mounted Area Luminaires (Type B)	PEEWPSUK	FFFHWK
LED-8087M57C-A	8440060 8281 9	10 8440060 8281 6	Replacement Lamps for Outdoor Pole/Arm-mounted Area and Roadway Luminaires (Type B)	PJNDGJEH	PPPRK	Replacement Lamps for Outdoor Full-Cutoff Wall-mounted Area Luminaires (Type B)	PH8VDGBA	FFFHWK

ENERGY SAVING vs. HID

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

Mounting Orientation

LED Lamp Power (watts)	30	<p>Illuminance at a Distance Center Beam fc Beam Width</p> <table border="1"> <tr> <td>17.0ft</td> <td>5.38 fc</td> <td>51.3 ft</td> <td>45.6 ft</td> </tr> <tr> <td>34.0ft</td> <td>1.34 fc</td> <td>102.7 ft</td> <td>91.2 ft</td> </tr> <tr> <td>51.0ft</td> <td>0.60 fc</td> <td>154.0 ft</td> <td>136.8 ft</td> </tr> <tr> <td>68.0ft</td> <td>0.34 fc</td> <td>205.3 ft</td> <td>182.4 ft</td> </tr> <tr> <td>85.0ft</td> <td>0.22 fc</td> <td>256.6 ft</td> <td>228.0 ft</td> </tr> <tr> <td>102.0ft</td> <td>0.15 fc</td> <td>308.0 ft</td> <td>273.5 ft</td> </tr> </table> <p>■ Vert. Spread: 113.0° ■ Horiz. Spread: 106.6°</p>	17.0ft	5.38 fc	51.3 ft	45.6 ft	34.0ft	1.34 fc	102.7 ft	91.2 ft	51.0ft	0.60 fc	154.0 ft	136.8 ft	68.0ft	0.34 fc	205.3 ft	182.4 ft	85.0ft	0.22 fc	256.6 ft	228.0 ft	102.0ft	0.15 fc	308.0 ft	273.5 ft	<table border="1"> <thead> <tr> <th>BASE DOWN</th> <th>BASE UP</th> <th>HORIZONTAL</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>APPROVED</td> <td>APPROVED</td> <td>APPROVED</td> </tr> </tbody> </table>	BASE DOWN	BASE UP	HORIZONTAL				APPROVED	APPROVED	APPROVED
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HID Lamp Power (watts)	100	<table border="1"> <thead> <tr> <th>Recommended Minimum Fixture Size</th> <th colspan="2">THERMAL SPECIFICATIONS</th> </tr> </thead> <tbody> <tr> <td>Height</td> <td>8.1</td> <td>IN-SITU TEMP MEASUREMENT/L70</td> </tr> <tr> <td>Width</td> <td>6.8</td> <td>OPERATING TEMPERATURE</td> </tr> <tr> <td>Volume (Cu. In.)</td> <td>375</td> <td>LED TEMPERATURE*</td> </tr> <tr> <td></td> <td></td> <td>-40°F to +122°F</td> </tr> <tr> <td></td> <td></td> <td>L70 LED LUMEN MAINTAINANCE*</td> </tr> <tr> <td></td> <td></td> <td>>54,000</td> </tr> <tr> <td></td> <td></td> <td>* FROM ISTMT REPORT AT 77°F</td> </tr> </tbody> </table>	Recommended Minimum Fixture Size	THERMAL SPECIFICATIONS		Height	8.1	IN-SITU TEMP MEASUREMENT/L70	Width	6.8	OPERATING TEMPERATURE	Volume (Cu. In.)	375	LED TEMPERATURE*			-40°F to +122°F			L70 LED LUMEN MAINTAINANCE*			>54,000			* FROM ISTMT REPORT AT 77°F										
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HID Ballast Power (watts)	15																																			
Total power Savings (watts)	85																																			
Annual Energy Savings	\$ 48																																			
Lifetime Energy Savings over 50,000 hrs)	\$ 468																																			