



LED-8087E/M 30W Shoebox / Wall Pack Retrofit

Models

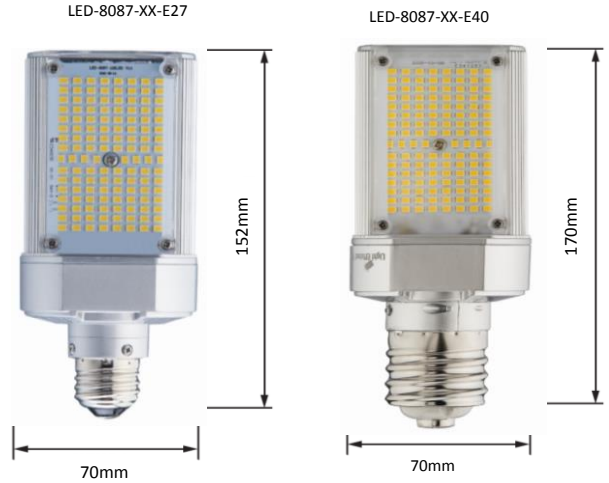
LED-8087-XX-E27, 120-277VAC, CE, ROHS, 4000K & 5700K CCT
 LED-8087-XX-E40, 120-277VAC, CE, ROHS, 4000K & 5700K CCT

Description

Light Efficient Design's Shoebox / Wall Pack 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. Internal fans have thermal feedback and a long life (70,000 hours).

Features

- 30W LED Replaces up to 100W MH or HPS HID Lamps
- Up to 4,225 lumen output and 128 LPW efficacy
- Available in either E27 or E40 screw base
- Suitable for enclosed fittings
- 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

MODEL	VOLTAGE	WATTAGE	LUMENS*	LPW*	REPLACES	BASE	CCT	CRI*	THD*	PF*	R9*	Duv*	LIGHT DISTRIBUTION	DIMMABLE
LED-8087-CW-E27-A	120-277V	30W	4171	127	100W HID	E27	4000K	83.5	0.1165	92	11	0.0005	120°	No
LED-8087-DL-E27-A			5700K	84.4			0.1176	92	9	0.0034				
LED-8087-CW-E40-A	120-277V	30W	4171	127	100W HID	E40	4000K	83.5	0.1165	92	11	0.0005	120°	No
LED-8087-DL-E40-A			5700K	84.4			0.1176	92	9	0.0034				

PACKAGING SPECIFICATIONS

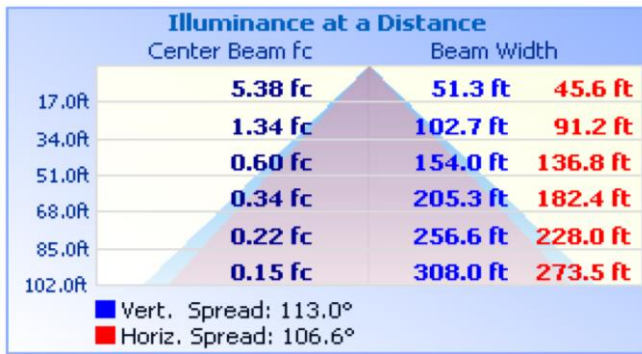
MODEL	PRODUCT DIMENSION	PRODUCT WEIGHT	UNIT CARTON DIMENSION	UNIT CTN WT	SHIPPER CARTON DIMENSION	SHIPPER CTN WT	CARTON QUANTITY
LED-8087-XX-E27	150 X 70 mm	.27 KG	110 X 110 X 205 mm	.404 KG	345 X 345 X 220 mm	3.9 KG	9
LED-8087-XX-E40	170 X 70 mm	.27 KG	110 X 110 X 205 mm	.404 KG	345 X 345 X 220 mm	3.9 KG	9

ENERGY SAVING vs. HID

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

Mounting Orientation

LED Lamp Power (watts)	30
HID Lamp Power (watts)	100
HID Ballast Power (watts)	15
Total power Savings (watts)	85
Annual Energy Savings	£34
Lifetime Energy Savings over 50,000 hrs	£332



Note: To convert to Lux, multiply Foot Candles by 10.76

		BASE DOWN	BASE UP	HORIZONTAL
		APPROVED	APPROVED	APPROVED
Recommended Minimum Fitting Size	THERMAL SPECIFICATIONS			
	OPERATING TEMPERATURE		-40°C to +50°C	
Width	206	IN-SITU TEMP MEASUREMENT/L70		
Height	173	LED TEMPERATURE*	75.4	
Volume (Cu. Cm.)	3563.8	L70 LED LUMEN MAINTAINENCE*	>54,000 hrs	
* FROM ISTMT REPORT AT 25°C				