



External Driver 30W / 45W / 60W Bollard / Post Top Retrofit

Models

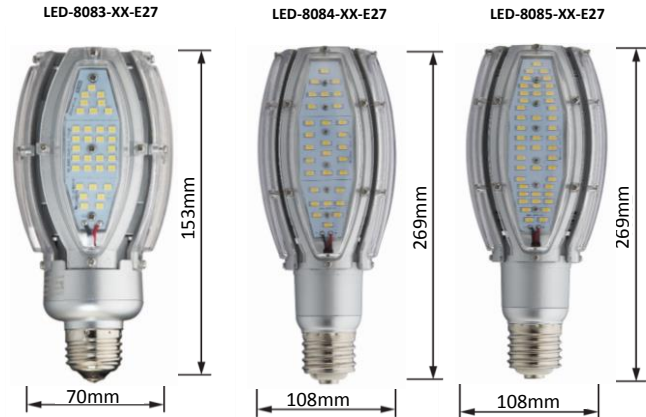
- LED-8083-XX-E27, 30W, 120-277VAC, CE, ROHS, 3000K, 4000K & 5700K CCT
- LED-8084-XX-E27, 45W, 120-277VAC, CE, ROHS, 3000K, 4000K & 5700K CCT
- LED-8085-XX-E27, 60W, 120-277VAC, CE, ROHS, 3000K, 4000K & 5700K CCT

Description

Light Efficient Design's External Driver Post Top/Bollard retrofits replace HID lamps up to 250W HID. Unique lamp design closely matches existing HID lamp to deliver optimum light distribution. External, dimmable driver can be installed up to 60' from lamp. 3 Way dimming: PWM, 0-10V, and Resistive, appropriate controller needed (see controller manufacturer to determine compatibility).

Features

- 30W, 45W, and 60W models, Replaces up to 250W MH or HPS HID Lamps
- Up to 6,130 lumen output and 128 LPW efficacy
- Available in either E27 or E40 screw base
- Suitable for enclosed fittings
- 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-8083-NW-E27	120-277V	30W	3661	117	100W HID/ 300W Halogen	E27	3000K	81.9	0.0764	98	6	-0.0001	360°	Yes
LED-8083-CW-E27			3919	127			4000K	82.8	0.0759	98	12	0.0005		
LED-8083-DL-E27			3955	128			5700K	84.4	0.0749	98	9	0.0027		
LED-8084-CW-E40	120-277V	45W	4273	93	175W HID/ 500W Halogen	E40	4200K	84.4	0.127	0.921	27	-0.0005	360°	Yes
LED-8084-DL-E40			4509	97			5700K	85.8	0.126	0.919	11	0.0024		
LED-8085-CW-E40	120-277V	60W	5807	102	250W HID/ >500W Halogen	E40	4200K	96.2	0.1524	0.911	29	-0.001	360°	Yes
LED-8085-DL-E40			6130	107			5700K	84.7	0.1509	0.911	14	0.0019		




PACKAGING SPECIFICATIONS

MODEL	PRODUCT DIMENSION	PRODUCT WEIGHT	UNIT CARTON DIMENSION	UNIT CTN WT	SHIPPER CARTON DIMENSION	SHIPPER CTN WT	CARTON QUANTITY
LED-8083-XX-E27	153 X 70 mm	0.68 kg.	152 X 112 X 250 mm	.9 kg.	475 X 350 X 265 mm	7.3 kg.	9
LED-8084-XX-E40	269 X 108 mm	1.06 lbs	190 X 138 X 305 mm	1.810 kg.	400 X 296 X 320 mm	11.6 kg.	4
LED-8085-XX-E40	269 X 108 mm	1.06 lbs	190 X 138 X 305 mm	1.810 kg.	400 X 296 X 320 mm	11.6 kg.	4

ENERGY SAVING vs. HID (60W)

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

Mounting Orientation

LED Lamp Power (watts)	60	LED-8085M Data				BASE DOWN			BASE UP			HORIZONTAL		
HID Lamp Power (watts)	250	4.6 Zonal Lumen Summary												
HID Ballast Power (watts)	38	Zone	Lumens	%Lamp	%Fixt	APPROVED			APPROVED			APPROVED		
Total power Savings (watts)	227.5	0-30	149.57	2.4	2.4	Recommended			THERMAL SPECIFICATIONS					
Annual Energy Savings	£91	0-40	364.73	5.9	5.9	Minimum			OPERATING TEMPERATURE			-40°C to +50°C		
Lifetime Energy Savings over 50,000 hrs)	£887	0-60	1174.59	19	19	Fitting Size			IN-SITU TEMP MEASUREMENT/L70					
		0-90	3124.21	50.6	50.6	Width	216	LED TEMPERATURE*			62.3°C			
		90-120	1927.39	31.2	31.2	Height	175	L70 LED LUMEN MAINTAINANCE*			50,000 hrs			
		90-130	2383.63	38.6	38.6	Volume (Cu. Cm.)	3780	* FROM ISTMT REPORT AT 25°C						
		90-150	2915.96	47.2	47.2									
		90-180	3052.16	49.4	49.4									
		0-180	6176.37	100	100									

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