



LED-8084M 45W External Driver Post Top Retrofit

Models

LED-8084MXX, 120-277VAC, cULus, 3000K, 4200K & 5700K CCT, E39

Description

Light Efficient Design's External Driver Post Top/Bollard retrofits replace HID lamps up to 250W HID. Products come with an external driver and are passively cooled. 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

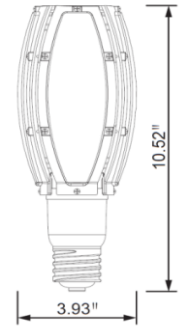
- > 45W LED Replaces 175W MH or HPS HID Lamps
- > Meanwell PWM & 0-10V Dimmable driver
- > Driver can be mounted up to 20 meters from lamps with negligible reduction in light output.
- > UL approved for wet environments
- > 50,000 hour rated LED life (supported by LM80 and ISTMT reports (see website))
- > 5 Year Limited Warranty - see website for details
- > UL1598C retains fixture UL Listing
- > Rated for enclosed fixture

HID-X

- EXTERNAL DRIVER LED
- IP65 RATING
- 0-10V / PWM DIMMING



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-8084M30	120-277V	45W	4062	93	175W HID/ 500W Halogen	E39 Mogul	3000K	84.4	0.127	0.918	18	-0.0005	Omni-directional / 360°	Yes
LED-8084M42			4273	93			4200K	84.4	0.127	0.921	27	-0.0005		
LED-8084M57			4509	97			5700K	85.8	0.126	0.919	11	0.0024		

PACKAGING SPECIFICATIONS

MODEL	PRODUCT DIMENSION	PRODUCT WEIGHT	UNIT CARTON DIMENSION	UNIT CTN WT	SHIPPER CARTON DIMENSION	SHIPPER CTN WT	CARTON QUANTITY
LED-8084M	10.6 X 4.25 in.	2.34 lbs.	7.5 X 5.4 X 12 in.	3.99 lbs.	15.7 X 11.6 X 12.6 in.	25.5 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-8084M30	8440060 8301 4	10 8440060 8301 1	Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type C)	P7H9PE5F	UUUAMH	0	0	0
LED-8084M42	8440060 8129 4	10 8440060 8129 1	Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type C)	PZPJGUXQ	UUUAMH	0	0	0
LED-8084M57	8440060 8130 0	10 8440060 8130 7	Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type C)	PCCGY5KP	UUUAMH	0	0	0

ENERGY SAVING vs. HID

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

Mounting Orientation

LED Lamp Power (watts)	45	Zone	Lumens	%Lamp	%Fixt	Zone	Lumens	BASE DOWN	BASE UP	HORIZONTAL
HID Lamp Power (watts)	175	0-30	104.3	2.3	2.3	0-10	3.88			
HID Ballast Power (watts)	26.25	0-40	257.11	5.7	5.7	10-20	25.02	APPROVED	APPROVED	APPROVED
Total power Savings (watts)	156.25	0-60	839.97	18.5	18.5	20-30	75.4	Recommended Minimum Fixture Size	THERMAL SPECIFICATIONS	
Annual Energy Savings	\$ 88	0-90	2265.44	49.8	49.8	30-40	152.81		OPERATING TEMPERATURE	-40°F to +122°F
Lifetime Energy Savings over 50,000 hrs)	\$ 859	90-120	1428.32	31.4	31.4	40-50	244.26	Width	IN-SITU TEMP MEASUREMENT/L70	
		90-130	1770.49	39	39	50-60	338.6	Height	LED TEMPERATURE*	
		90-150	2175.51	47.9	47.9	60-70	422.82	Volume (Cu. In.)	L70 LED LUMEN MAINTAINANCE*	
		90-180	2279.77	50.2	50.2	70-80	484.87		* FROM ISTMT REPORT AT 77°F	
		0-180	4545.21	100	100	80-90	517.78			
						90-100	517.83			
						100-110	485.65			
						110-120	424.85			
						120-130	342.17			
						130-140	248.81			
						140-150	156.21			
						150-160	77.53			
						160-170	24.95			
						170-180	1.78			