

LED-8029E/M 24W Bollard / Post Top Retrofit



Models

LED-8029E/MXX-A, 120-277VAC, cULus, 3000K, 4000K & 5700K CCT

LED-8029E/MXXC-A, 347VAC, cUL, 3000K, 4000K or 5700K CCT

Description

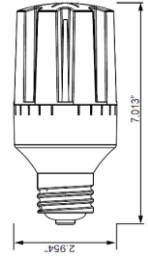
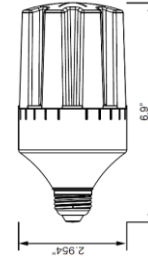
Light Efficient Design's Post Top/Bollard retrofits replace HID lamps up to 150W HID. Advanced Active Cooling technology improves thermal performance and delivers the highest light output along with longer LED and driver life versus lamps limited to passive cooling. All models are tested by UL under 1598C that insures that retrofitted fixture retains safety certification as well as approved by UL for enclosed fixtures. This product is intended for by-passing the ballast and using direct line voltage.

Features

- 24W LED Replaces 150W MH or HPS HID Lamps
- Up to 3,500 lumen output and 147 LPW efficacy
- Available in either E26 Edison or E39 Mogul screw base
- UL approved for damp environments and enclosed fixtures
- 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 v. 1.0))
- 5 Year Limited Warranty - see website for details
- Insect/dust resistant housing



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-8029E30-A	120-277V	24W	3024	138	150W HID	E26	3000K	82.6	10	0.9927	3	-0.0001	360°	No
LED-8029E40-A			3422	142			4000K	82	10.61	0.9838	6	0.0004		
LED-8029E57-A			3425	143			5700K	81.9	10.12	0.9815	4	0.0053		
LED-8029M30-A			3431	147			3000K	81.9	0.1	0.9884	4	-0.0001		
LED-8029M40-A			3374	141			4000K	81.9	0.1061	0.9847	6	0.0008		
LED-8029M57-A			3374	139			5700K	82	0.1012	0.991	9	0.0023		

TECHNICAL SPECIFICATIONS - CANADA 347V - ALL MODELS cUL

MODEL	VOLTAGE	WATTAGE	LUMENS*	LPW*	REPLACES	BASE	CCT	CRI*	THD*	PF*	R9*	Duv*	LIGHT DISTRIBUTION	DIMMABLE
LED-8029E30C-A	347V	24W	3099	139	150W HID	E26	3000K	81.4	16	0.9423	3	0.0002	360°	No
LED-8029E40C-A			3568	144			4000K	82.1	16.29	0.9406	7	0.0003		
LED-8029E57C-A			3426	145			5700K	82	0.1653	0.9273	6	0.0038		
LED-8029M30C-A			3129	139			3000K	81.4	0.16	0.9243	3	0.0002		
LED-8029M40C-A			3405	147			4000K	82.2	0.1629	0.9462	6	0.001		
LED-8029M57C-A			3165	138			5700K	82.2	0.1653	0.9412	10	0.0017		

PACKAGING SPECIFICATIONS

MODEL	PRODUCT DIMENSION	PRODUCT WEIGHT	UNIT CARTON DIMENSION	UNIT CTN WT	SHIPPER CARTON DIMENSION	SHIPPER CTN WT	CARTON QUANTITY
LED-8029E	6.75 X 2.9 in.	0.72 Lbs	4.7 X 4.7 X 8.9 in.	1.21 lbs.	14.8 X 14.8 X 9.4 in.	11.99 Lbs	9
LED-8029M	7.01 X 2.9 in.	0.76 Lbs	4.7 X 4.7 X 8.9 in.	1.21 lbs.	14.8 X 14.8 X 9.4 in.	11.99 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-8029E30-A	844006080396	10844006080393	N/A	N/A	N/A	0	0	0
LED-8029E40-A	844006080631	10844006080638	N/A	N/A	N/A	0	0	0
LED-8029E57-A	844006080297	10844006080294	N/A	N/A	N/A	0	0	0
LED-8029M30-A	844006081546	10844006081543	Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type B)	PAKDVMFU	RRRSWC	0	0	0
LED-8029M40-A	844006081553	10844006081550	Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type B)	PAKDVMFU	RRRSWC	0	0	0
LED-8029M57-A	844006081560	10844006081567	Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type B)	P17Z7EQS	RRRSWC	0	0	0
LED-8029E30C-A	844006080952	10844006080959	N/A	N/A	N/A	0	0	0
LED-8029E40C-A	844006080969	10844006080966	N/A	N/A	N/A	0	0	0
LED-8029E57C-A	844006080976	10844006080973	N/A	N/A	N/A	0	0	0
LED-8029M30C-A	844006081721	10844006081728	Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type B)	P76RARZA	BBBCYN	0	0	0
LED-8029M40C-A	844006081714	10844006081714	Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type B)	PN4K3SC8	BBBCYN	0	0	0
LED-8029M57C-A	844006081707	10844006081701	Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type B)	PA216JKT	BBBCYN	0	0	0

ENERGY SAVING vs. HID

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

Mounting Orientation

LED Lamp Power (watts)	24	Zonal Lumen Summary						Mounting Orientation			
		Zone	Lumens	% Luminaire	Zone	Lumens	% Total	BASE DOWN	BASE UP	HORIZONTAL	
HID Lamp Power (watts)	150	0-30	198.9	7.5%	0-10	18.5	0.7%				
HID Ballast Power (watts)	22.5	0-40	363.0	13.6%	10-20	63.6	2.4%	APPROVED	APPROVED	APPROVED	
Total power Savings (watts)	148.5	0-60	835.9	31.3%	20-30	116.9	4.4%	Recommended Minimum Fixture Size	THERMAL SPECIFICATIONS		
Annual Energy Savings	\$ 83	60-90	803.4	30.1%	30-40	164.0	6.1%		Width	7	IN-SITU TEMP MEASUREMENT/L70
Lifetime Energy Savings over 50,000 hrs	\$ 817	70-100	784.7	29.4%	40-50	218.4	8.2%	Height	8.9	LED TEMPERATURE*	49.5
		90-120	682.3	25.6%	50-60	254.5	9.5%	Volume (Cu. In.)	436.1	L70 LED LUMEN MAINTAINANCE*	>54,000
		0-90	1,639.3	61.5%	60-70	271.3	10.2%	* FROM ISTMT REPORT AT 77°F			
		90-180	1,028.3	38.5%	70-80	270.8	10.2%				
		0-180	2,667.6	100%	80-90	261.3	9.8%				