



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

**Models**

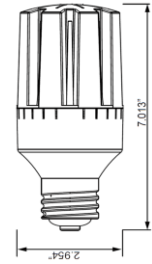
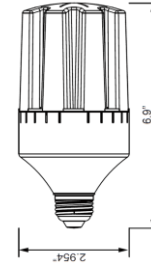
**LED-8029E/MXX-A, 120-277VAC, cULus, 3000K, 4000K & 5700K CCT**  
**LED-8029E/MXXC-A, 347VAC, cUL, 3000K, 4000K or 5700K CCT**

**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.

**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 website))
- 5 Year Limited Warranty - see website for details
- Insect/dust resistant housing



**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	Up to 150W HID	E26 Edison	3000K	82.6	10	0.9927	3	-0.0001	Omni-directional / 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			E39 Mogul	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	Up to 150W HID	E26 Edison	3000K	81.4	16	0.9423	3	0.0002	Omni-directional / 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	8440060 8039 6	10 8440060 8039 3	N/A	N/A	N/A	N/A	N/A	N/A
LED-8029E40-A	8440060 8063 1	10 8440060 8063 8	N/A	N/A	N/A	N/A	N/A	N/A
LED-8029E57-A	8440060 8029 7	10 8440060 8029 4	N/A	N/A	N/A	N/A	N/A	N/A
LED-8029M30-A	8440060 8154 6	10 8440060 8154 3	Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type B)	PAKDVMFU	RRRSWC	N/A	N/A	N/A
LED-8029M40-A	8440060 8155 3	10 8440060 8155 0	Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type B)	PN6Y8EXC	RRRSWC	N/A	N/A	N/A
LED-8029M57-A	8440060 8156 0	10 8440060 8156 7	Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type B)	PN6Y8EXC	RRRSWC	N/A	N/A	N/A
LED-8029E30C-A	8440060 8095 2	10 8440060 8095 9	N/A	N/A	N/A	N/A	N/A	N/A
LED-8029E40C-A	8440060 8096 9	10 8440060 8096 6	N/A	N/A	N/A	N/A	N/A	N/A
LED-8029E57C-A	8440060 8097 6	10 8440060 8097 3	N/A	N/A	N/A	N/A	N/A	N/A
LED-8029M30C-A	8440060 8172 1	10 8440060 8172 8	Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type B)	P76RARZA	RBCYN	N/A	N/A	N/A
LED-8029M40C-A	8440060 8171 4	10 8440060 8171 4	Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type B)	PN6Y8EXC	RRRSWC	N/A	N/A	N/A
LED-8029M57C-A	8440060 8170 7	10 8440060 8170 1	Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type B)	PN6Y8EXC	RRRSWC	N/A	N/A	N/A

**ENERGY SAVING vs. HID**

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

**Mounting Orientation**

LED Lamp Power (watts)	24	<b>Zonal Lumen Summary</b>						<b>BASE DOWN</b>			<b>BASE UP</b>			<b>HORIZONTAL</b>		
		Zone		Lumens	% Luminaire	Zone		Lumens	% Total							
HID Lamp Power (watts)	150	0-30	198.9	7.5%	0-10	18.5	0.7%	90-100	252.6	9.5%	APPROVED		APPROVED		APPROVED	
		0-40	363.0	13.6%	10-20	63.6	2.4%	100-110	231.1	8.7%	APPROVED		APPROVED		APPROVED	
HID Ballast Power (watts)	22.5	0-60	835.9	31.3%	20-30	116.9	4.4%	110-120	198.6	7.4%	APPROVED		APPROVED		APPROVED	
		60-90	803.4	30.1%	30-40	164.0	6.1%	120-130	152.2	5.7%	APPROVED		APPROVED		APPROVED	
Total power Savings (watts)	148.5	70-100	784.7	29.4%	40-50	218.4	8.2%	130-140	102.9	3.9%	APPROVED		APPROVED		APPROVED	
		90-120	682.3	25.6%	50-60	254.5	9.5%	140-150	60.4	2.3%	APPROVED		APPROVED		APPROVED	
Annual Energy Savings	\$ 83	0-90	1,639.3	61.5%	60-70	271.3	10.2%	150-160	24.9	0.9%	APPROVED		APPROVED		APPROVED	
		90-180	1,028.3	38.5%	70-80	270.8	10.2%	160-170	5.4	0.2%	APPROVED		APPROVED		APPROVED	
Lifetime Energy Savings over 50,000 hrs)	\$ 817	0-180	2,667.6	100%	80-90	261.3	9.8%	170-180	0.2	0%	APPROVED		APPROVED		APPROVED	