

**LED-8057M 75W Post Top Retrofit**



**Models**  
 LED-8057MXX-A, 120-277VAC, cULus, 3000K, 4000K & 5000K CCT  
 LED-8057MXXC-A, 347VAC, cUL, 3000K, 4000K or 5000K CCT

**Description**  
 Light Efficient Design's Post Top/Bollard retrofits replace HID lamps up to 400W 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**  
 75W LED Replaces 320W MH or HPS HID Lamps  
 Up to 10,500 lumen output and 140 LPW efficacy  
 Available in EX39 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



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-8057M30-A	120-277V	75W	9750	130	UP TO 320W HID	EX39 Mogul	3000K	>80	<20%	>.90	0	0	Directional / 120°	No
LED-8057M40-A			10500	140			4000K	>80	<20%	>.90	0	0		
LED-8057M50-A			10500	140			5000K	>80	<20%	>.90	0	0		

**TECHNICAL SPECIFICATIONS - CANADA 347V - ALL MODELS CUL**

MODEL	VOLTAGE	WATTAGE	LUMENS*	LPW*	REPLACES	BASE	CCT	CRI*	THD*	PF*	R9*	Duv*	LIGHT DISTRIBUTION	DIMMABLE
LED-8057M30C-A	347V	75W	9750	130	UP TO 320W HID	EX39 Mogul	3000K	>80	<20%	>.90	0	0	Directional / 120°	No
LED-8057M40C-A			10500	140			4000K	>80	<20%	>.90	0	0		
LED-8057M50C-A			10500	140			5000K	>80	<20%	>.90	0	0		

**PACKAGING SPECIFICATIONS**

MODEL	PRODUCT DIMENSION	PRODUCT WEIGHT	UNIT CARTON DIMENSION	UNIT CTN WT	SHIPPER CARTON DIMENSION	SHIPPER CTN WT	CARTON QUANTITY
LED-8057M	7.3 X 5.7 in.	0	0	0	0	0	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-8057M30-A	8440060 8316 8	10 8440060 8316 5	N/A	N/A	N/A	0	0	0
LED-8057M40-A	8440060 8289 5	10 8440060 8289 2	N/A	N/A	N/A	0	0	0
LED-8057M50-A	8440060 8290 1	10 8440060 8290 8	N/A	N/A	N/A	0	0	0
LED-8057M30C-A	8440060 8317 5	10 8440060 8317 2	N/A	N/A	N/A	0	0	0
LED-8057M40C-A	8440060 8293 2	10 8440060 8293 9	N/A	N/A	N/A	0	0	0
LED-8057M50C-A	8440060 8294 9	10 8440060 8294 6	N/A	N/A	N/A	0	0	0

**ENERGY SAVING vs. HID**

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

**Mounting Orientation**

LED Lamp Power (watts)	75	Zonal Lumen Summary						Lumens Per Zone						Mounting Orientation		
		Zone	Lumens	% Luminaire	Zone	Lumens	% Total	Zone	Lumens	% Total	Zone	Lumens	% Total	BASE DOWN	BASE UP	HORIZONTAL
HID Lamp Power (watts)	320	0-30	726.4	6.9%	0-10	61.2	0.6%	90-100	418.4	4%						
HID Ballast Power (watts)	48	0-40	1,589.7	15.1%	10-20	207.5	2.0%	100-110	240.4	2.3%	<b>APPROVED</b> <b>APPROVED</b> <b>APPROVED</b>					
Total power Savings (watts)	293	0-60	4,786.8	45.3%	20-30	457.7	4.3%	110-120	169.8	1.6%	<b>Recommended</b>					
Annual Energy Savings	\$ 165	60-90	4,697.7	44.5%	30-40	863.3	8.2%	120-130	104.5	1%	<b>Minimum Fixture Size</b>					
Lifetime Energy Savings over 50,000 hrs	\$ 1,612	70-100	3,199.0	30.3%	40-50	1,380.3	13.1%	130-140	74.7	0.7%	<b>THERMAL SPECIFICATIONS</b>					
		90-120	828.5	7.8%	50-60	1,816.8	17.2%	140-150	43.7	0.4%	<b>OPERATING TEMPERATURE</b>					
		0-90	9,484.5	89.8%	60-70	1,917.1	18.2%	150-160	18.5	0.2%	<b>IN-SITU TEMP MEASUREMENT/L70</b>					
		90-180	1,076.6	10.2%	70-80	1,661.5	15.7%	160-170	5.5	0.1%	<b>LED TEMPERATURE*</b>					
		0-180	10,561.1	100%	80-90	1,119.1	10.6%	170-180	1.2	0%	<b>L70 LED LUMEN MAINTAINENCE*</b>					
											<b>* FROM ISTMT REPORT AT 77°F</b>					