

# LED-8036M-A 100W LED for HID Retrofit High Bay / Low Bay



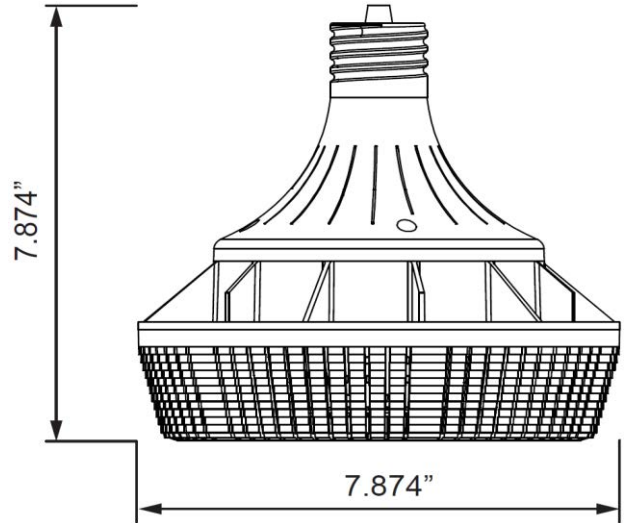
## Models

LED-8036MXX-A, 120-277VAC, ULus, 4000K or 5700K CCT, EX39

LED-8036MXXC-A, 347VAC, cUL, 4000K or 5700K CCT, EX39

## Features

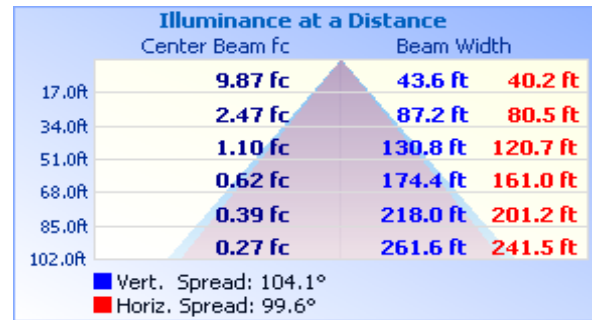
- 100 Watts Replaces 250w HID Lamps
- Optimized for Low Bay HID fixture with PC or Glass Globe
- 180° Beam Angle
- 120-277V UL 1993, US and Canada
- 120-347V UL 1993, Canada only
- UL classified for damp environments (USA & Can)
- Advanced active cooling, Sunon Mag-lev >70,000 hr. fan
- EX39 Mogul Base
- >50,000 rated LED life
- 5 year limited warranty (see website for details)
- **Retrofitted fixture retains UL approval under UL Classified 1598C.**
- **Rated for enclosed fixture**



## Technical Specifications

Models US/CAN	LED-8036M40-A	LED-8036M40C-A	LED-8036M57-A	LED-8036M57C-A
CCT	4000K	4000K	5700K	5700K
Power Consumption	100 watts			
Replaces	250 MH/HPS			
Mounting	EX39			
Voltage	120-277VAC (USA) 347VAC (CANADA)			
LED Type	2835			
Beam Angle	180°			
Dimmable	No			
Operating Temp	-40°F - +122°F			
Rated R70 Life	Up to 50,000 Hrs.			
Warranty	5 Year Limited*			
LM79 Specifications	Yes	Yes	Yes	Yes
Power (W)	96.55	98.72	96.37	98.49
CCT	4122	4035	5496	5737
Light Output	10656	10902	10798	11015
Efficacy	110	110	112	111
THD @ 277V	14.63%	15.73%	14.93%	15.16%
PF @ 277V	96	94	96	94
CRI:	85.3	84.7	85.1	85
R9	20	17	15	14
Duv	-0.0008	-0.0004	0.0025	0.0022
Packaging	4 / Master Carton			
Unit	10"x 10"x 9.65" 3.56 lbs.			
Master	20.7"x 10.6" x 15.5" 15.8 lbs.			

## Illuminance Plots



## Installation Notes:

- **Ballast must be bypassed**
- **Installing surge/lightning protectors is highly recommended**

LED Power Consumption (Watts)	HID Power Consumption (Watts)	HID Ballast Power Consumption (Watts)	Total Savings (Watts)	Annual Energy Savings (14 hrs/day)	Lifetime Energy Savings (over 50,000 hrs)
100	250	50	200	\$112	\$1,100.00

Mounting Orientation			Minimum Fixture Size Requirements (inches)	
Base Up	Base Down	Horiz	Length	Width
			9.87	9.87
			9.87	9.87
<b>Approved</b>	<b>Approved</b>	<b>Approved</b>	Cu. Inches	961.5

