LED-8050M 300W LED for HID Retrofit for 1000W Highbay



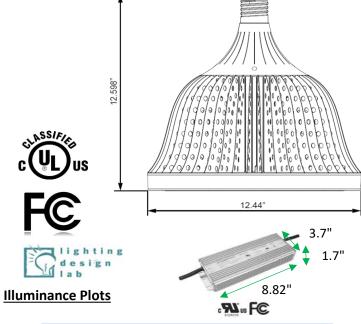
Models

LED-8050M50, 120-277VAC, cULus, 5000K CCT, EX39 LED-8050M50-HV, 240-480VAC, cULus, 5000K CCT, EX39

Features

- > 300W LED Replaces 1000W HID Lamp
- > Meanwell Driver HVG-300-48/B included
- > IP64 Lamp and IP67 Remote/External Driver
- > 0-10V, PWM, or Resistive dimming when used with lighting controls
- > 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

Technical Specifications			
Models US/CAN	LED-8050M50	LED-8050M50- HV	
ССТ	5000K 5000K		
Power Consumption	300 watts		
Replaces	1000 MH/HPS		
Mounting	EX39		
Voltage	120-277VAC 240-480V (HV Model) (USA & CAN)		
LED Type	TBD		
Beam Angle	120°		
Dimmable	Yes		
Operating Temp	-40°F - +122°F		
Rated R70 Life	Up to 50,000 Hrs.		
Warranty	5 Year Limited*		
LM79 Specifications	Yes	Yes	
Power (W)	298.2	297.9	
ССТ	4888	4886	
Light Output	24152		
	34153	33533	
Efficacy	114.53	33533 112.56	
Efficacy	114.53	112.56	
Efficacy THD @ 277V	114.53 3.93%	112.56 7.41%	
Efficacy THD @ 277V PF @ 277V	114.53 3.93% 99	112.56 7.41% 98	
Efficacy THD @ 277V PF @ 277V CRI:	114.53 3.93% 99 71.7	112.56 7.41% 98 71.6	
Efficacy THD @ 277V PF @ 277V CRI: R9	114.53 3.93% 99 71.7	112.56 7.41% 98 71.6	
Efficacy THD @ 277V PF @ 277V CRI: R9	114.53 3.93% 99 71.7 0 0.0027	112.56 7.41% 98 71.6 0 0.0026	
Efficacy THD @ 277V PF @ 277V CRI: R9 Duv	114.53 3.93% 99 71.7 0 0.0027 1/ Maste X.X" x X.X" x	112.56 7.41% 98 71.6 0 0.0026 er Carton X.X" X.X lbs.	
Efficacy THD @ 277V PF @ 277V CRI: R9 Duv Packaging	114.53 3.93% 99 71.7 0 0.0027 1/ Maste X.X" x X.X" x	112.56 7.41% 98 71.6 0 0.0026	



Illuminance at a Distance				
	Center Beam fc	Beam Width		
17.0R	20.3 fc 🗥	35.2 ft	14.2 ft	
34.0ft	5.1 fc	70.3 ft	28.5 ft	
51.0ft	2.3 fc	105.5 ft	42.7 ft	
68.0R	1.3 fc	140.6 ft	56.9 ft	
85.0ft	0.8 fc	175.8 ft	71.2 ft	
102.0R	0.6 fc	211.0 ft	85.4 ft	
■ Vert. Spread: 91.9° ■ Horiz. Spread: 45.4°				

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)
300	1000	150	850	\$478	\$4,675

Mounting Orientation		Minimum Fixture Size			
Base Up	Base Down	Horiz	Requirements (inches)		
-			Length	14.5	
			Width	Width	14.5
			Height	14.5	
	_	*4	Cu. Inches	3048.6	
Approved	Approved	Not Approved	Cai Inches		

