

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

LED for **HID**
RETROFIT

Models

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

LED-8050M50-HV, 220-480VAC, 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)

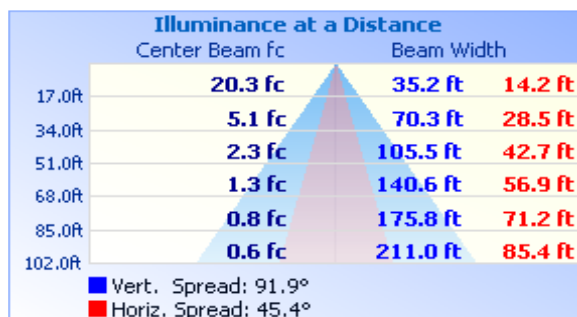
- > 5 Year Limited Warranty
- > UL1598C retains fixture UL Listing

Technical Specifications

Models US/CAN	LED-8050M50	LED-8050M50-HV
CCT	5000K	5000K
Power Consumption	300 watts	
Replaces	1000 MH/HPS	
Mounting	EX39	
Voltage	120-277VAC 220-480V (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
CCT	4888	4886
Light Output	34153	33533
Efficacy	114.53	112.56
THD @ 277V	3.93%	7.41%
PF @ 277V	99	98
CRI :	71.7	71.6
R9	0	0
Duv	0.0027	0.0026
Packaging	1/ Master Carton	
Unit	X.X" x X.X" x X.X" X.X lbs.	
Master	X.X" x X.X" x X.X" X.X 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)
300	1000	150	850	\$478	\$4,675

Mounting Orientation			Minimum Fixture Size Requirements (Inches)	
Base Up	Base Down	Horiz		
			Length	14.5
			Width	14.5
			Height	14.5
Approved	Approved	Not Approved	Cu. Inches	3048.6

