

## LED-8034M 150W High Bay Retrofit



Mogul Base Models Only  
(See details below)

**Models**

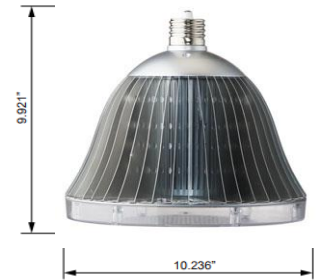
LED-8034M50, 90-305VAC, cULus, 5000K CCT  
LED-8034M50-HV, 180-528VAC, cUL, 5000K CCT

**Description**

Light Efficient Design's High Bay 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.

**Features**

- 150W LED Replaces 400W MH or HPS HID Lamps
- Up to 19,344 lumen output and 123 LPW efficacy
- Available in EX39 Mogul screw base
- UL approved for damp environments
- Meanwell Driver HVG-150-48/B included
- 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
- 0-10V, PWM, or Resistive dimming when used with lighting controls
- Tether available at request
- \*Approved for Open Fixtures Only**



**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-8034M50	90-305VAC	150W	19344	123	400W HID	EX39 Protected Mogul	5000K	85.7	0.0623	99	20	0.0021	Directional / 120°	Yes
LED-8034M50-HV	480VAC		19022	122			5000K	85.7	0.0825	98	20	0.002		

**PACKAGING SPECIFICATIONS**

MODEL	PRODUCT DIMENSION	PRODUCT WEIGHT	UNIT CARTON DIMENSION	UNIT CTN WT	SHIPPER CARTON DIMENSION	SHIPPER CTN WT	CARTON QUANTITY
LED-8034M	10 X 10 in.	amp 4.4Driver 2.7 Lbs	11.8 X 12.4 X 14 in.	8.2 lbs.	24.2 X 13 X 14.6 in.	17 Lbs	2

**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-8034M50	8440060 8234 5	10 8440060 8234 2	Replacement Lamps for High-Bay Luminaires (Type C)	P537JV7F	BBBCSE	0	0	0
LED-8034M50-HV	8440060 8235 2	10 8440060 8235 9	Replacement Lamps for High-Bay Luminaires (Type C)	PAVPDHGK	BBBCRU	0	0	0

**ENERGY SAVING vs. HID**

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

**Mounting Orientation**

LED Lamp Power (watts)	150	<p><b>Illuminance at a Distance</b> Center Beam fc      Beam Width</p> <table border="1"> <tr> <td>17.0ft</td> <td>25.4 fc</td> <td>43.2 ft</td> <td>43.1 ft</td> </tr> <tr> <td>34.0ft</td> <td>6.3 fc</td> <td>86.4 ft</td> <td>86.2 ft</td> </tr> <tr> <td>51.0ft</td> <td>2.8 fc</td> <td>129.7 ft</td> <td>129.3 ft</td> </tr> <tr> <td>68.0ft</td> <td>1.6 fc</td> <td>172.9 ft</td> <td>172.3 ft</td> </tr> <tr> <td>85.0ft</td> <td>1.0 fc</td> <td>216.1 ft</td> <td>215.4 ft</td> </tr> <tr> <td>102.0ft</td> <td>0.7 fc</td> <td>259.3 ft</td> <td>258.5 ft</td> </tr> </table> <p>■ Vert. Spread: 103.6° ■ Horiz. Spread: 103.4°</p>	17.0ft	25.4 fc	43.2 ft	43.1 ft	34.0ft	6.3 fc	86.4 ft	86.2 ft	51.0ft	2.8 fc	129.7 ft	129.3 ft	68.0ft	1.6 fc	172.9 ft	172.3 ft	85.0ft	1.0 fc	216.1 ft	215.4 ft	102.0ft	0.7 fc	259.3 ft	258.5 ft	BASE DOWN	BASE UP	HORIZONTAL
17.0ft	25.4 fc		43.2 ft	43.1 ft																									
34.0ft	6.3 fc		86.4 ft	86.2 ft																									
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102.0ft	0.7 fc	259.3 ft	258.5 ft																										
HID Lamp Power (watts)	400	NOT APPROVED	APPROVED	NOT APPROVED																									
HID Ballast Power (watts)	60	THERMAL SPECIFICATIONS																											
Total power Savings (watts)	310	Recommended Minimum Fixture Size	OPERATING TEMPERATURE	-40°F to +122°F																									
Annual Energy Savings	\$ 174	Width	13.8	IN-SITU TEMP MEASUREMENT/L70																									
Lifetime Energy Savings over 50,000 hrs)	\$ 1,705	Height	12.3	LED TEMPERATURE*	78.2																								
		Volume (Cu. In.)	2342.41	L70 LED LUMEN MAINTAINENCE*	>54,000																								
				* FROM ISTMT REPORT AT 77°F																									