



External Driver 150W Replaces 400W & 300W Replaces 1000W High Bay

Models

LED-8034-DL-E40, 150W, 120-277VAC, CE, ROHS, 5000K CCT
 LED-8050-DL-E40, 300W, 120-277VAC, CE, ROHS, 5000K CCT

Description

Light Efficient Design's External Driver High Bay retrofits replace HID lamps up to 1000W HID. Unique lamp design closely matches existing HID lamp and High Bay luminaire to deliver optimum light distribution. External, dimmable driver can be installed up to 60' from lamp. 3 Way dimming: PWM, 0-10V, and Resistive, appropriate controller needed (see controller manufacturer to determine compatibility)

Features

- 150W Replaces up to 400W MH Lamps
 300W Replaces up to 1000W MH Lamps
- Up to 34,153 lumen output and 123 LPW efficacy
- Available in E40 screw base
- Suitable for damp environments
- Approved for open "high bay" fittings only
- 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



TECHNICAL SPECIFICATIONS

MODEL	VOLTAGE	WATTAGE	LUMENS*	LPW*	REPLACES	BASE	CCT	CRI*	THD*	PF*	R9*	Duv*	LIGHT DISTRIBUTION	DIMMABLE
LED-8034-DL-E40	90-305VAC	150W	19344	123	400W HID	E40	5000K	85.7	12.66	99	20	0.0021	120°	Yes
LED-8050-DL-E40		300W	34153	114	1000W HID			71.7	8.52	99	0	0.0027		

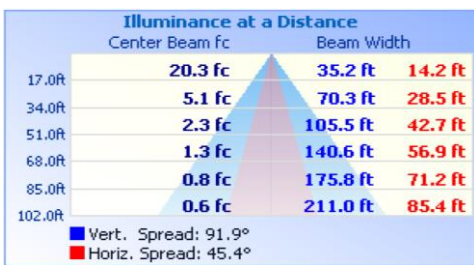
PACKAGING SPECIFICATIONS

MODEL	PRODUCT DIMENSION	PRODUCT WEIGHT	UNIT CARTON DIMENSION	UNIT CTN WT	SHIPPER CARTON DIMENSION	SHIPPER CTN WT	CARTON QUANTITY
LED-8034M	254 X 254 mm	2 KG	300 X 315 X 355 mm	3.72 KG	610 X 330 X 370 mm	7.7KG	2
LED-8050M	317 X 315 mm	3.4 KG	355 X 355 X 360 mm	5.7 KG	730 X 370 X 375 mm	11.8 KG	2

ENERGY SAVING vs. HID (300W)

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

Mounting Orientation

LED Lamp Power (watts)	300	 <p>Illuminance at a Distance Center Beam Fc Beam Width</p> <table border="1"> <tr> <td>17.0ft</td> <td>20.3 fc</td> <td>35.2 ft</td> <td>14.2 ft</td> </tr> <tr> <td>34.0ft</td> <td>5.1 fc</td> <td>70.3 ft</td> <td>28.5 ft</td> </tr> <tr> <td>51.0ft</td> <td>2.3 fc</td> <td>105.5 ft</td> <td>42.7 ft</td> </tr> <tr> <td>68.0ft</td> <td>1.3 fc</td> <td>140.6 ft</td> <td>56.9 ft</td> </tr> <tr> <td>85.0ft</td> <td>0.8 fc</td> <td>175.8 ft</td> <td>71.2 ft</td> </tr> <tr> <td>102.0ft</td> <td>0.6 fc</td> <td>211.0 ft</td> <td>85.4 ft</td> </tr> </table> <p>■ Vert. Spread: 91.9° ■ Horiz. Spread: 45.4°</p>	17.0ft	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	68.0ft	1.3 fc	140.6 ft	56.9 ft	85.0ft	0.8 fc	175.8 ft	71.2 ft	102.0ft	0.6 fc	211.0 ft	85.4 ft	BASE DOWN	BASE UP	HORIZONTAL
17.0ft	20.3 fc		35.2 ft	14.2 ft																									
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102.0ft	0.6 fc	211.0 ft	85.4 ft																										
HID Lamp Power (watts)	1000	NOT APPROVED	APPROVED	NOT APPROVED																									
HID Ballast Power (watts)	150	THERMAL SPECIFICATIONS																											
Total power Savings (watts)	850	OPERATING TEMPERATURE																											
Annual Energy Savings	£339	-40°C to +50°C																											
Lifetime Energy Savings over 50,000 hrs)	£3,315	IN-SITU TEMP MEASUREMENT/L70																											
		Width	8	LED TEMPERATURE*	87.8																								
		Height	441	L70 LED LUMEN MAINTAINENCE*	73,000																								
		Volume (Cu. Cm.)	352.8	* FROM ISTMT REPORT AT 25°C, 300W																									

Note:
To convert to Lux, multiply Foot Candles by 10.76

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