



LED-8032 140W High Bay Retrofit

Models

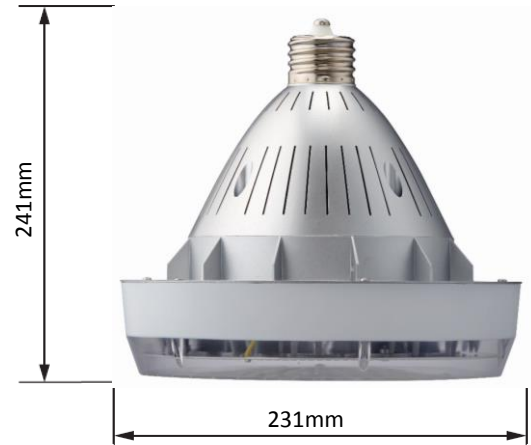
LED-8032-XX-E40, 120-277VAC, CE, ROHS, 4000K & 5700K CCT

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. Internal fans have thermal feedback and a long life (70,000 hours).

Features

- 140W LED Replaces up to 400W MH or HPS HID Lamps
- Up to 16,600 lumen output and 115 LPW efficacy
- Available in E40 screw base
- Suitable for enclosed fittings
- Advanced active cooling: Active cooling and dynamic temperature control
- Integrated 10kA surge
- 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-8032-CW-E40-A	120-277V	150W	16407	113	400W HID	E40	4000K	84.3	14.9	98	13	0.0007	120°	No
LED-8032-DL-E40-A			5700K	84.7			14.57	98	12	0.0027				

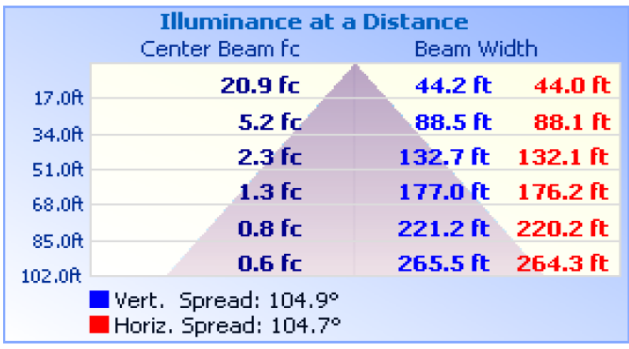
PACKAGING SPECIFICATIONS

MODEL	PRODUCT DIMENSION	PRODUCT WEIGHT	UNIT CARTON DIMENSION	UNIT CTN WT	SHIPPER CARTON DIMENSION	SHIPPER CTN WT	CARTON QUANTITY
LED-8032-XX-E40	241 X 231 mm	1.81 kg.	295 X 295 X 308 mm	2.313 kg.	605 X 310 X 323 mm	5.45 kg.	2

ENERGY SAVING vs. HID

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

Mounting Orientation

LED Lamp Power (watts)	140	 <p>Illuminance at a Distance Center Beam fc Beam Width</p> <table border="1"> <tr> <td>17.0ft</td> <td>20.9 fc</td> <td>44.2 ft</td> <td>44.0 ft</td> </tr> <tr> <td>34.0ft</td> <td>5.2 fc</td> <td>88.5 ft</td> <td>88.1 ft</td> </tr> <tr> <td>51.0ft</td> <td>2.3 fc</td> <td>132.7 ft</td> <td>132.1 ft</td> </tr> <tr> <td>68.0ft</td> <td>1.3 fc</td> <td>177.0 ft</td> <td>176.2 ft</td> </tr> <tr> <td>85.0ft</td> <td>0.8 fc</td> <td>221.2 ft</td> <td>220.2 ft</td> </tr> <tr> <td>102.0ft</td> <td>0.6 fc</td> <td>265.5 ft</td> <td>264.3 ft</td> </tr> </table> <p>■ Vert. Spread: 104.9° ■ Horiz. Spread: 104.7°</p>	17.0ft	20.9 fc	44.2 ft	44.0 ft	34.0ft	5.2 fc	88.5 ft	88.1 ft	51.0ft	2.3 fc	132.7 ft	132.1 ft	68.0ft	1.3 fc	177.0 ft	176.2 ft	85.0ft	0.8 fc	221.2 ft	220.2 ft	102.0ft	0.6 fc	265.5 ft	264.3 ft	BASE DOWN	BASE UP	HORIZONTAL
17.0ft	20.9 fc		44.2 ft	44.0 ft																									
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HID Lamp Power (watts)	400	APPROVED	APPROVED	APPROVED																									
HID Ballast Power (watts)	60	THERMAL SPECIFICATIONS																											
Total power Savings (watts)	320	Recommended Minimum Fitting Size	OPERATING TEMPERATURE	-40°C to +50°C																									
Annual Energy Savings	£128	Width	305	IN-SITU TEMP MEASUREMENT/L70																									
Lifetime Energy Savings over 50,000 hrs)	£1,248	Height	305	LED TEMPERATURE*	54.5																								
		Volume (Cu. Cm.)	9302.5	L70 LED LUMEN MAINTAINENCE*	>54,000																								
				* FROM ISTMT REPORT AT 25°C																									

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

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