



LED-8030MXX-MHBC 140W High Bay Retrofit

Models
 LED-8030MXX-MHBC, 120-277VAC, cULus, 4000K & 5700K CCT
 LED-8030MXXC-MHBC, 347VAC, cUL, 4000K or 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. All models are tested by UL under 1598C that insures that retrofitted fixture retains safety certification as well as approved by UL for enclosed fixtures. Features a ring of up-light.

Features
 140W LED Replaces 400W MH or HPS HID Lamps
 Up to 16,923 lumen output and 119 LPW efficacy
 Available in EX39 Mogul screw base
 UL approved for damp environments and enclosed fixtures
 Advanced active cooling: Active cooling and dynamic temperature control
 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
 Insect/dust resistant housing



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-8030M40-MHBC	BALLAST ONLY	140W	18619	103	400W Probe/Pulse Ballast	EX39	4000K	84.1	33.08	0.573	10	-0.00029	360°	No
LED-8030M57-MHBC			17047	102			5700K	84.1	32.72	0.583	26	0.00161		

PACKAGING SPECIFICATIONS

MODEL	PRODUCT DIMENSION	PRODUCT WEIGHT	UNIT CARTON DIMENSION	UNIT CTN WT	SHIPPER CARTON DIMENSION	SHIPPER CTN WT	CARTON QUANTITY
LED-8030M	9.5" X 9.1"	3.2 lbs	11.6 X 11.6 X 12.1 in.	5.1 Lbs.	23.8 X 12.2 X 12.7 in.	12 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-8030M40-MHBC	844006082642	10844006082649	N/A	N/A	N/A	0	0	0
LED-8030M57-MHBC	844006082659	10844006082656	N/A	N/A	N/A	0	0	0
LED-8030M40C-MHBC	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
LED-8030M57C-MHBC	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A

UPC / UCC

BALLAST COMPATIBILITY INFORMATION

MODEL	PRODUCT UPC	CARTON UCC	BALLAST TYPE	Model	SYSTEM WATTAGE	LAMP WATTAGE
LED-8030M40-MHBC	#REF!	1.0844E+13	Probe or Pulse Start	320W M132 or M154, 400W M59	194W	140W
LED-8030M57-MHBC	8.44006E+11	1.0844E+13	Probe or Pulse Start	320W M132 or M154, 400W M60	194W	140W

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																									
34.0ft	5.2 fc		88.5 ft	88.1 ft																									
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HID Lamp Power (watts)	400	APPROVED	APPROVED	APPROVED																									
HID Ballast Power (watts)	60	Recommended Minimum Fixture Size Width: 11.05in Height: 11.05in Volume (Cu. In.): 1379.8	THERMAL SPECIFICATIONS																										
Total power Savings (watts)	266		OPERATING TEMPERATURE: -40°F to +122°F																										
Annual Energy Savings	\$ 150		IN-SITU TEMP MEASUREMENT/L70																										
Lifetime Energy Savings over 50,000 hrs	\$ 1,463	LED TEMPERATURE*: 54.5																											
		L70 LED LUMEN MAINTAINANCE*: >54,000																											
		* FROM ISTMT REPORT AT 77°F																											