



LED-8032M 140W High Bay Retrofit

Models

LED-8032MXX-A, 120-277VAC, cULus, 4000K & 5700K CCT

LED-8032MXXC-A, 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

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-8032M40-MHBC	BALLAST ONLY	140W	19578	101	400W Probe/Pulse Ballast	EX39	4000K	84.3	32.87	0.583	9	-0.00036	120°	No
LED-8032M57-MHBC			17892	95			5700K	86.3	32.77	0.583	26	0.00151		

PACKAGING SPECIFICATIONS

MODEL	PRODUCT DIMENSION	PRODUCT WEIGHT	UNIT CARTON DIMENSION	UNIT CTN WT	SHIPPER CARTON DIMENSION	SHIPPER CTN WT	CARTON QUANTITY
LED-8032M	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-8032M40-MHBC	8.44006E+11	1.0844E+13	N/A	N/A	N/A	0	0	0
LED-8032M57-MHBC	8.44006E+11	1.0844E+13	N/A	N/A	N/A	0	0	0
LED-8032M40C-MHBC	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
LED-8032M57C-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-8032M40-MHBC	#REF!	1.0844E+13	Probe or Pulse Start		194W	140W
LED-8032M57-MHBC	8.44006E+11	1.0844E+13	Probe or Pulse Start		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	<table border="1"> <thead> <tr> <th>BASE DOWN</th> <th>BASE UP</th> <th>HORIZONTAL</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>APPROVED</td> <td>APPROVED</td> <td>APPROVED</td> </tr> </tbody> </table>	BASE DOWN	BASE UP	HORIZONTAL				APPROVED	APPROVED	APPROVED
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HID Lamp Power (watts)	400																																			
HID Ballast Power (watts)	60																																			
Total power Savings (watts)	266																																			
Annual Energy Savings	\$ 150																																			
Lifetime Energy Savings over 50,000 hrs)	\$ 1,463																																			
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