



LED-8036MXX-MHBC 140W High Bay Retrofit

Models
 LED-8036MXX-MHBC, 120-277VAC, cULus, 4000K & 5700K CCT
 LED-8036MXXC-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-8036M40-MHBC	BALLAST ONLY	100W	11046	109	320W Probe/Pulse Ballast	EX39	4000K	84	46.09	0.495	8	0.00124	180°	No
LED-8036M57-MHBC			10096	104			5700K	86.2	45.95	0.5	23	0.00243		

PACKAGING SPECIFICATIONS

MODEL	PRODUCT DIMENSION	PRODUCT WEIGHT	UNIT CARTON DIMENSION	UNIT CTN WT	SHIPPER CARTON DIMENSION	SHIPPER CTN WT	CARTON QUANTITY
LED-8036M	7.75 X 7.9 in.	3.2 lbs	10 X 10 X 9.6 in.	3.81 lbs.	20.6 X 10.6 X 19.9 in.	16.9 Lbs	4

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-8036M40-MHBC	844006082628	10844006082625	N/A	N/A	N/A	0	0	0
LED-8036M57-MHBC	844006082635	10844006082632	N/A	N/A	N/A	0	0	0
LED-8036M40C-MHBC	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
LED-8036M57C-MHBC	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A

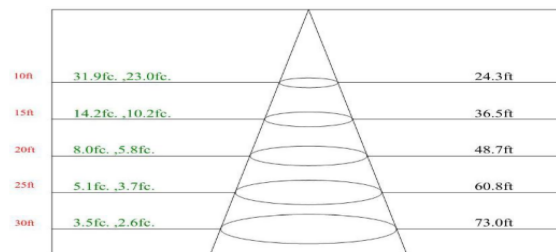
BALLAST COMPATIBILITY INFORMATION

MODEL	PRODUCT UPC	CARTON UCC	BALLAST TYPE	Model	SYSTEM WATTAGE	LAMP WATTAGE
LED-8036M40-MHBC	#REF!	1.0844E+13	Probe or Pulse Start	250W M58, M138, or M153	194W	140W
LED-8036M57-MHBC	8.44006E+11	1.0844E+13	Probe or Pulse Start	250W M58, M138, or M154	194W	140W

ENERGY SAVING vs. HID

LED Lamp Power (watts)	140
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

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



Mounting Orientation

BASE DOWN	BASE UP	HORIZONTAL
APPROVED	APPROVED	APPROVED
Recommended Minimum Fixture Size		
THERMAL SPECIFICATIONS		
OPERATING TEMPERATURE		-40°F to +122°F
IN-SITU TEMP MEASUREMENT/L70		
Width	11.05in	LED TEMPERATURE*
Height	11.05in	L70 LED LUMEN MAINTAINANCE*
Volume (Cu. In.)	1379.8	>54,000
* FROM ISTMT REPORT AT 77°F		