

LED HIGHMAX
HMX SERIES



40HMX50



60HMX50



80HMX50



100HMX50



PRODUCT DESCRIPTION:

HighMax lamps are an easy and long-lasting replacement for HID bulbs in high/low bay fixtures and decorative post top luminaires. Designed to retrofit E39/EX39 sockets with a simple ballast bypass, the lamps deliver high quality illumination at 60 percent energy savings vs. conventional light sources.

FEATURES:

- Wattages:
 - 40W @ 4,000 lumens, replaces 175W MH
 - 60W @ 5,500 lumens, replaces 175W-200W MH
 - 80W @ 7,600 lumens, replaces 250W MH
 - 100W @ 9,400 lumens, replaces 400W MH
- Efficacy (lm/W): 92-100
- Color Temperature: 5000K
- Beam Angle: 360°
- Voltage: 120-277V
- Frequency: 50/60Hz
- Color Rendering Index (CRI): ≥85
- THD: <20%
- Power factor: ≥0.90
- Dimmable: No
- Base: EX39 Mogul
- Mounting: Vertical
- Simple ballast bypass
- Instant-on, no warm up time
- Mercury free and virtually no UV or IR light
- Active Cooling (fan): 80W & 100W.
- Suitable for enclosed fixtures 40W & 60W
- Not suitable for enclosed fixtures 80W & 100W only
- Five year limited warranty
- L70 Rated Life Hours: 50,000
- Built-in intelligent over temperature protection IC
- Surge protection: 2.5kV (40W & 60W), 4.5kV (80W & 100W)

APPLICATIONS:

- Indoor High/Low bay lighting

MODEL SELECTION (Full list of order codes on pg. 2)		Typical order example: 80HMX50	
WATTAGE	HMX	FAMILY	CCT
40= 40W 60= 60W 80= 80W 100= 100W	HMX=	LED HighMax	50= 5000K, Plastic Lens

NOTE:
1. Existing ballast needs to be bypassed in the fixture

SPECIFICATIONS:

		40HMX50	60HMX50	80HMX50	100HMX50
ITEM	SPECIFICATION	DETAILS			
GENERAL PERFORMANCE	Power Consumption	40W	60W	80W	100W
	Lumens Delivered	4,000 lm	5,500 lm	7,500 lm	9,400 lm
	Efficacy	100 lm/w	92 lm/w	95 lm/w	94 lm/w
	CRI	≥85			
	Color Temperature (CCT)	5000K			
	Lumen Maintenance (L70)	50,000Hrs			
ELECTRICAL	Power Factor	≥0.90			
	Input Voltage	120-277V			
PHYSICAL	Rated for Enclosed Fixture	Yes	Yes	No	No
	Operating Temperature	-4°F to 104°F			
	Lens	Frosted			
CERTIFICATION	Certification	DLC, ETL Listed, LM80			
	Material Usage	RoHS Compliant, no mercury			
	Environment	Dry & Damp			
	Warranty	5 Years			

Lighting layouts and spacing criteria available upon request

ORDERING:

ORDER CODE	ITEM NO	INPUT WATTAGE	EQUIVALENT WATTAGE (METAL HALIDE)	DELIVERED LUMENS	EFFICACY (lm/W)	CRI	BASE TYPE	CCT	DIMENSIONS (M.O.L" x D")	QTY IN MASTER CARTON
14099710	40HMX50	40	175W MH	4000	100	85	EX39	5000K	9.65" x 3.46"	6
14099711	60HMX50	60	175W-200W MH	5500	92	85			12.00" x 3.46"	6
14099712	80HMX50	80	250W MH	7600	95	85			12.00" x 4.96"	6
14099713	100HMX50	100	400W MH	9400	94	85			13.58" x 4.96"	6