



LED-8036M 100W High Bay / Low Bay Retrofit

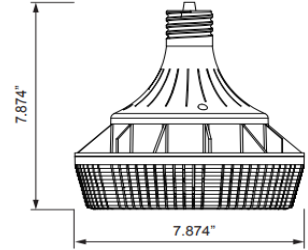
Models
LED-8036MXX-A, 120-277VAC, cULus, 4000K & 5700K CCT
LED-8036MXXC-A, 347VAC, cUL, 4000K or 5700K CCT

Description
 Light Efficient Design's High Bay retrofits replace HID lamps up to 250W 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
 100W LED Replaces 250W MH or HPS HID Lamps
 Up to 11,015 lumen output and 112 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



Mogul Base Models Only
 (See details below)



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-A	120-277V	100W	10656	110	250W HID	EX39 Protected Mogul	4000K	85.3	0.1463	96	20	-0.0008	Directional / 180°	No
LED-8036M57-A			10798	112			5700K	85.1	0.1493	96	15	0.0025		

TECHNICAL SPECIFICATIONS - CANADA 347V - ALL MODELS CuI

MODEL	VOLTAGE	WATTAGE	LUMENS*	LPW*	REPLACES	BASE	CCT	CRI*	THD*	PF*	R9*	Duv*	LIGHT DISTRIBUTION	DIMMABLE
LED-8036M40C-A	347V	100W	10902	110	250W HID	EX39 Protected Mogul	4000K	84.7	0.1573	94	17	-0.0004	Directional / 180°	No
LED-8036M57C-A			11015	111			5700K	85	0.1516	94	14	0.0022		

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.	2.76 Lbs	10 X 10 X 9.6 in.	3.81 lbs.	20.6 X 10.6 X 19.9 in.	16.9 Lbs	4

UPC / UCC

DESIGN LIGHTS CONSORTIUM QPL CERTIFICATION SUMMARY (E39 MODELS ONLY)

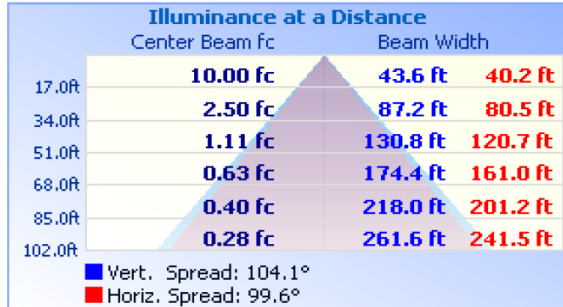
MODEL	PRODUCT UPC	CARTON UCC	QPL CATEGORY 1	PRODUCT CODE	FAMILY CODE	QPL CATEGORY 2	PRODUCT CODE	FAMILY CODE
LED-8036M40-A	8440060 8113 3	10 8440060 8113 0	Replacement Lamps for High-Bay Luminaires (Type B)	PVXWGA48	RRRSVK	0	0	0
LED-8036M57-A	8440060 8114 0	10 8440060 8114 7	Replacement Lamps for High-Bay Luminaires (Type B)	PV56XU63	RRRSVK	0	0	0
LED-8036M40C-A	8440060 8126 3	10 8440060 8126 0	Replacement Lamps for High-Bay Luminaires (Type B)	PZ7134M5	RRRSVJ	0	0	0
LED-8036M57C-A	8440060 8127 0	10 8440060 8127 7	Replacement Lamps for High-Bay Luminaires (Type B)	P6N8XMDB	RRRSVJ	0	0	0

ENERGY SAVING vs. HID

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

Mounting Orientation

LED Lamp Power (watts)	100
HID Lamp Power (watts)	250
HID Ballast Power (watts)	37.5
Total power Savings (watts)	187.5
Annual Energy Savings	\$ 105
Lifetime Energy Savings over 50,000 hrs	\$ 1,031



BASE DOWN	BASE UP	HORIZONTAL
APPROVED	APPROVED	APPROVED
THERMAL SPECIFICATIONS		
Recommended Minimum Fixture Size	OPERATING TEMPERATURE	-40°F to +122°F
Width	IN-SITU TEMP MEASUREMENT/L70	
Height	LED TEMPERATURE*	51.6
Volume (Cu. In.)	L70 LED LUMEN MAINTAINANCE*	>54,000
* FROM ISTMT REPORT AT 77°F		