



LED-8025M/E 52W Low Bay Retrofit

Models

LED-8025M/EXX, 120-277VAC, cULus, 4200K & 5700K CCT
 LED-8025M/EXXC, 347VAC, cUL, 4200K or 5700K CCT

Description

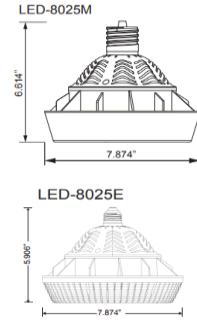
Light Efficient Design's Low Bay retrofits replace HID lamps up to 175W HID. Advanced Active Cooling technology improves thermal performance and delivers the highest light output along with longer LED and driver life versus lamps limited to passive cooling. All models are tested by UL under 1598C that insures that retrofitted fixture retains safety certification as well as approved by UL for enclosed fixtures.

Features

- 52W LED Replaces 175W MH or HPS HID Lamps
- Up to 5,773 lumen output and 110 LPW efficacy
- Available in either E26 Edison or E39 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-8025M42	120-277V	52W	5498	107	175W HID	E39 Mogul	4200K	84.2	8.27%	0.926	19	0.000396	Directional / 180°	No		
LED-8025M57						5773	110		5700K	85.6	14.19%	0.945			27	-0.00078
LED-8025E42			E26 Edison	4200K		84.2	0.0827	0.926	19	0.000396						
LED-8025E57				5700K		85.6	0.1419	0.945	27	-0.00078						

TECHNICAL SPECIFICATIONS - CANADA 347V - ALL MODELS CuI

MODEL	VOLTAGE	WATTAGE	LUMENS*	LPW*	REPLACES	BASE	CCT	CRI*	THD*	PF*	R9*	Duv*	LIGHT DISTRIBUTION	DIMMABLE		
LED-8025M42C	120-347V	52W	5498	107	175W HID	E39 Mogul	4200K	84.2	8.27%	0.926	19	0.000396	Directional / 180°	No		
LED-8025M57C						5773	110		5700K	85.6	14.19%	0.945			27	-0.00078
LED-8025E42C			E26 Edison	4200K		84.2	0.0827	0.926	19	0.000396						
LED-8025E57C				5700K		85.6	0.1419	0.945	27	-0.00078						

PACKAGING SPECIFICATIONS

MODEL	PRODUCT DIMENSION	PRODUCT WEIGHT	UNIT CARTON DIMENSION	UNIT CTN WT	SHIPPER CARTON DIMENSION	SHIPPER CTN WT	CARTON QUANTITY
LED-8025E	6.1 X 7.8 in.	2.64 Lbs	9.8 X 9.8 X 7.5 in.	3.52 lbs.	20.3 X 10.4 X 15.6 in.	15.84 Lbs	4
LED-8025M	6.6" X 7.8"	2.64 Lbs	9.8 X 9.8 X 7.48 in.	3.52 lbs.	20.3 X 10.4 X 15.6 in.	15.84 Lbs	4

UPC / UCC

DESIGN LIGHTS CONSORTIUM QPL CERTIFICATION SUMMARY (E39 MODELS ONLY)

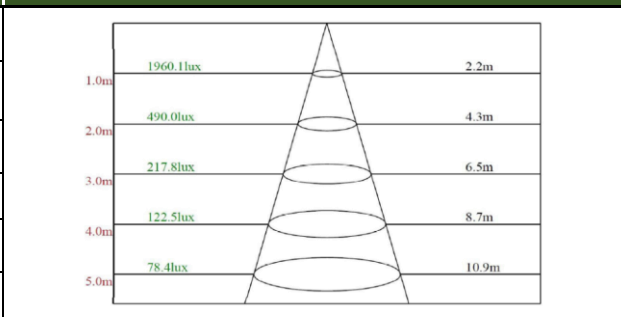
MODEL	PRODUCT UPC	CARTON UCC	QPL CATEGORY 1	PRODUCT CODE	FAMILY CODE	QPL CATEGORY 2	PRODUCT CODE	FAMILY CODE
LED-8025M42	8440060 8183 6	10 8440060 8183 3	Replacement Lamps for Low-Bay Luminaires (Type B)	P4UCQJK2	UUUAMJ	0	0	0
LED-8025M57	8440060 8184 3	10 8440060 8184 0	Replacement Lamps for Low-Bay Luminaires (Type B)	PWWCSDVY	UUUAMJ	0	0	0
LED-8025E42	8440060 8005 1	10 8440060 8005 8	N/A	N/A	N/A	0	0	0
LED-8025E57	8440060 8025 9	10 8440060 8025 6	N/A	N/A	N/A	0	0	0
LED-8025M42C	8440060 8215 4	10 8440060 8215 1	Replacement Lamps for Low-Bay Luminaires (Type B)	P4UCQJK2	UUUAMJ	0	0	0
LED-8025M57C	8440060 8216 1	10 8440060 8216 8	Replacement Lamps for Low-Bay Luminaires (Type B)	PWWCSDVY	UUUAMJ	0	0	0
LED-8025E42C	8440060 8084 6	10 8440060 8084 3	N/A	N/A	N/A	0	0	0
LED-8025E57C	8440060 8085 3	10 8440060 8085 0	N/A	N/A	N/A	0	0	0

ENERGY SAVING vs. HID

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

Mounting Orientation

LED Lamp Power (watts)	52
HID Lamp Power (watts)	175
HID Ballast Power (watts)	26.25
Total power Savings (watts)	149.25
Annual Energy Savings	\$ 84
Lifetime Energy Savings over 50,000 hrs	\$ 821



	BASE DOWN	BASE UP	HORIZONTAL
	APPROVED	APPROVED	APPROVED
Recommended Minimum Fixture Size	THERMAL SPECIFICATIONS		
	OPERATING TEMPERATURE		-40°F to +122°F
Width	IN-SITU TEMP MEASUREMENT/L70		
Height	10	LED TEMPERATURE*	45.6
Volume (Cu. In.)	8	L70 LED LUMEN MAINTENANCE*	
	800	* FROM ISTMT REPORT AT 77°F	