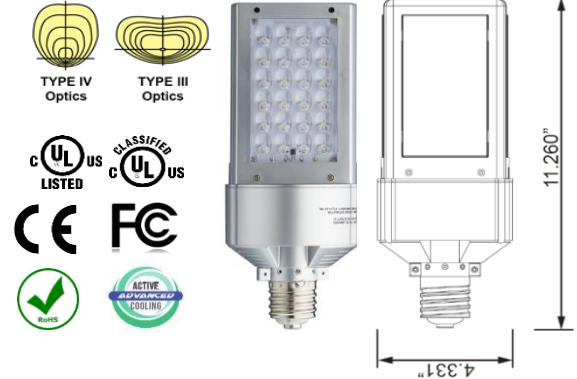



LED-8090M 120W Shoebox / Wallpack Retrofit
Models
LED-8090M4T3, LED-8090M4T4, LED-8090M5T4, LED-8090M5T5
Description

Light Efficient Design's Shoebox/ Wallpack retrofits replace HID lamps up to 400W HID. Type III and Type IV optics provide options for optimum light distribution. 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

- > 120W LED Replaces 400W MH or HPS HID Lamps
- > Rotatable base enables user to accurately direct output to target
- > Designed for Horizontal installations
- > UL approved for damp environments and enclosed fixtures
- > Advanced active cooling: Active cooling and dynamic temperature control
- > 50,000 hour rated LED life (supported by LM80 and ISTMT reports (see website))
- > 5 Year Limited Warranty - see website for details
- > Rated for enclosed fixture


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-8090M4T3	120-277V	120W	9584	81	400W HID	E39 Mogul	4000K	84	18.9%	0.918	18	0.0008	Directional / TYPE III	No
LED-8090M4T4			8483	72			4000K	84	18.9%	0.918	18	0.0008	Directional / TYPE IV	
LED-8090M5T3			10566	91			5000K	76.4	19.2%	0.918	0	0.0063	Directional / TYPE III	
LED-8090M5T4			10165	86			5000K	76.8	19.2%	0.918	0	0.0063	Directional / TYPE IV	

PACKAGING SPECIFICATIONS

MODEL	PRODUCT DIMENSION	PRODUCT WEIGHT	UNIT CARTON DIMENSION	UNIT CTN WT	SHIPPER CARTON DIMENSION	SHIPPER CTN WT	CARTON QUANTITY
LED-8090M	11.4 X 4.3 in.	2.35 Lbs	5.9 X 5.9 X 13.2 in.	2.83 lbs.	18.5 X 18.5 X 13.8 in.	25.52 Lbs	9




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-8090M4T3	8440060 8152 2	10 8440060 8152 9	N/A	N/A	N/A	N/A	N/A	N/A
LED-8090M4T4	8440060 8148 2	10 8440060 8148 2	N/A	N/A	N/A	N/A	N/A	N/A
LED-8090M5T3	8440060 8153 9	10 8440060 8153 6	N/A	N/A	N/A	N/A	N/A	N/A
LED-8090M5T4	8440060 8149 2	10 8440060 8149 9	N/A	N/A	N/A	N/A	N/A	N/A

ENERGY SAVING vs. HID

LED Lamp Power (watts)	120
HID Lamp Power (watts)	400
HID Ballast Power (watts)	60
Total power Savings (watts)	340
Annual Energy Savings	\$ 191
Lifetime Energy Savings over 50,000 hrs	\$ 1,870

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		
Height	12	LED TEMPERATURE*		50.4
Width	6	L70 LED LUMEN MAINTAINANCE*		>54,000
Volume (Cu. In.)	432	* FROM ISTMT REPORT AT 77°F		