

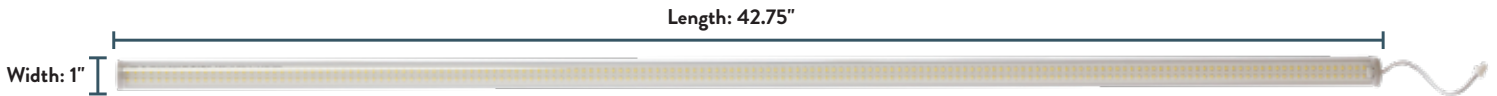
MAGNILUMEN PLUS HIGH OUTPUT LED BARS FOR HIGH BAY RETROFIT KITS

EASY-TO-INSTALL MAGNETIC LED BARS AND RETROFIT KITS FOR TRADITIONAL FLUORESCENT LAMP HIGH BAYS

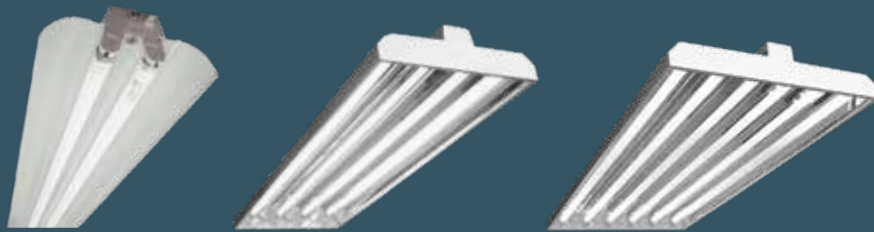


Designed to exceed expectations, Magnilumen Plus High Output illuminates spaces with remarkable clarity and consistency, whether in industrial facilities or commercial complexes. Committed to sustainability, our products merge high luminosity with energy-saving technologies, ensuring environmental responsibility and cost-effectiveness.

Up to 10,000 Lumens Per LED Bar!



Upgrade T12, T8, and T5HO 4, 6, and 8 lamp high bays with Magnilumen Plus High Output kits.



MAGNILUMEN PLUS HIGH OUTPUT LED BARS

SPECIFICATIONS	
WATTAGE	60W
COLOR TEMPS	40K, 50K
VOLTAGE INPUT	100-277VAC
DRIVER INPUT	27-42VDC
EFFICACY	165 lm/W
LUMENS	Up to 10,000 per bar
CRI	80+
DIMMING	0-10V
AMBIENT TEMP	-20 to 50C; -4 to 122F
SURGE PROTECTION	2KV
RATED	IP20
LED LIFESPAN (L70)	50,000 hours
WARRANTY	5 years

Our magnetic bars use the latest high-efficiency and high-brightness LEDs to provide a cost-saving alternative to the traditional fluorescent T12, T8, and T5HO lamps.

- **Easy to Install:** Pre-installed onboard magnets slide out for screw mounting.
- **Up to 10,000 lumens per bar.**
- **Up to 50-75% reduction in power used.**
- **It is the easiest and best alternative to fluorescent tubes on the market.**
- **Frosted diffuser optional.**



HIGH OUTPUT

Specification Sheet

MAGNILUMEN PLUS HIGH OUTPUT LED BARS FOR HIGH BAY RETROFIT KITS



Our retrofit kits are ideal for use in linear high bays, troffers, vapor tights, and other linear fixtures where high illumination is needed in applications like warehouses, distribution centers, and other industrial facilities.

- Complete LED retrofit kit includes LED bars, driver, wiring harness, and tech screws.
- 60W per bar and multiple color temperature choices (40K and 50K).
- Input voltage 100-277V.
- LED bars and drivers include magnets for easy installation and positioning.
- 0-10V dimming
- 5-year warranty
- DLC pending

MAGNILUMEN PLUS HIGH OUTPUT KITS AND PART NUMBER

PART NUMBER	# OF BARS	# OF 60W DRIVER	WATTAGE	COLOR TEMP	LUMENS
MRK1230-40K-PLUS-HO	1	1	32W	40K	5,280
MRK1230-50K-PLUS-HO	1	1	32W	50K	5,280
MRK2260-40K-PLUS-HO	2	1	62W	40K	10,230
MRK2260-50K-PLUS-HO	2	1	62W	50K	10,230
MRK3295-40K-PLUS-HO	3	1	95W	40K	15,675
MRK3295-50K-PLUS-HO	3	1	95W	50K	15,675
MRK42120-40K-PLUS-HO	4	2	124W	40K	20,460
MRK42120-50K-PLUS-HO	4	2	124W	50K	20,460
MRK1460-40K-PLUS-HO	1	1	62W	40K	10,230
MRK1460-50K-PLUS-HO	1	1	62W	50K	10,230
MRK24100-40K-PLUS-HO	2	1	100W	40K	16,500
MRK24100-50K-PLUS-HO	2	1	100W	50K	16,500
MRK24120-40K-PLUS-HO	2	2	124W	40K	20,460
MRK24120-50K-PLUS-HO	2	2	124W	50K	20,460
MRK34180-40K-PLUS-HO	3	3	186W	40K	30,690
MRK34180-50K-PLUS-HO	3	3	186W	50K	30,690
MRK44240-40K-PLUS-HO	4	4	248W	40K	40,920
MRK44240-50K-PLUS-HO	4	4	248W	50K	40,920

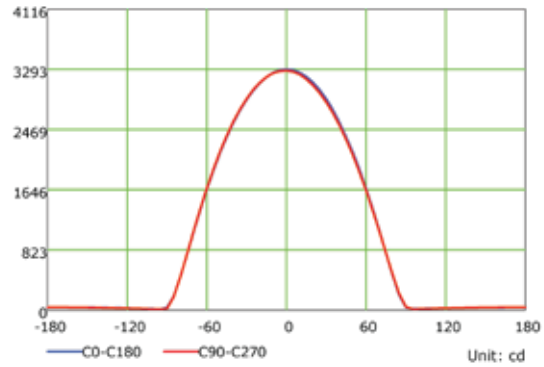
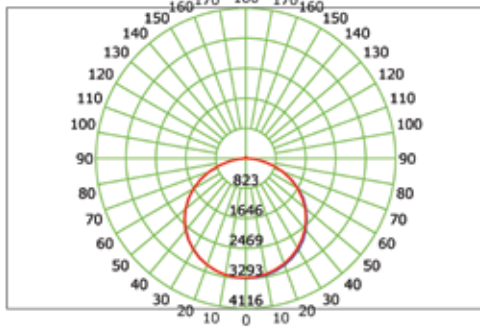
Other combination and lumen packages available.

Specifications and actual product may vary.

For more information, go to magnilumenplus.com/high-output-kits

MAGNILUMEN PLUS HIGH OUTPUT LED BARS FOR HIGH BAY RETROFIT KITS

LUMINOUS INTENSITY DISTRIBUTION CURVE



DRIVERS

20-60W



100W



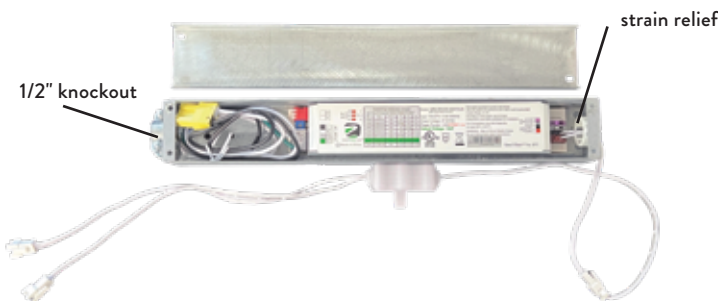
MAGNILUMEN PLUS HIGH OUTPUT LED BARS FOR HIGH BAY RETROFIT KITS

MRK-DRIVER-60W-PLUS						
Input Wattage	Input Voltage	Output Voltage	Switch			Lumens
			1	2	3	
40W	920MA	27-42V	UP	UP	UP	6,600 lumens
45W	1020MA	27-42V	DOWN	UP	UP	7,425 lumens
50W	1120MA	27-42V	UP	DOWN	UP	8,250 lumens
55W	1230MA	27-42V	UP	UP	DOWN	9,075 lumens
57W	1290MA	27-42V	DOWN	UP	DOWN	9,405 lumens
60W	1360MA	27-42V	UP	DOWN	DOWN	9,900 lumens
62W	1410MA	27-42V	DOWN	DOWN	DOWN	10,230 lumens

MRK-DRIVER-100W-PLUS						
Input Wattage	Input Voltage	Output Voltage	Switch			Lumens
			1	2	3	
65W	1520MA	27-42V	UP	UP	UP	10,725 lumens
70W	1630MA	27-42V	DOWN	UP	UP	11,550 lumens
75W	1740MA	27-42V	UP	DOWN	UP	12,375 lumens
80W	1850MA	27-42V	UP	UP	DOWN	13,200 lumens
85W	1940MA	27-42V	DOWN	UP	DOWN	14,025 lumens
90W	2050MA	27-42V	UP	DOWN	DOWN	14,850 lumens
95W	2150MA	27-42V	DOWN	DOWN	DOWN	15,675 lumens
100W	2250MA	27-42V	DOWN	DOWN	DOWN	16,500 lumens

ENCLOSURES

DRIVER ENCLOSURES



60W DRIVER ENCLOSURE (with two knockouts)

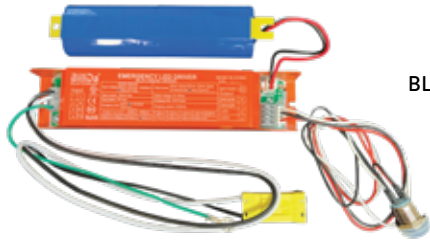
PN: MRK-60W-DRIVER-ENCLOSURE

DIMENSIONS: 16" (L) x 1.75" (W) x 1.3125" (D)

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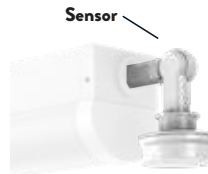
OPTIONS

EMERGENCY BACK-UP LED DRIVER



PART NUMBER:
BL-EMRG-LED-15-1H

SENSOR



PART NUMBER:
ZL-SENSOR-HB-MV

Power Supply



PART NUMBER:
MUSP-12V-03-5W

Remote Control



PART NUMBER:
ZL-HAISEN-REMOTE-HD05R

BENEFITS AND FEATURES

Magnilumen Plus products are designed for speed and to make installation easy.

- Bars have three onboard adjustable magnets so that you can customize their location based on your needs.
- Bars have a slide-out mounting bracket at each end of the bar with pre-drilled holes for screw mounting where applicable.
- Drivers contain two powerful magnets designed to keep the driver in place. There are also holes for tech screws if needed.

INSTALLATION – EASY AS 1, 2, 3

