



Industrial Lighting Retrofit Solutions



ZLEDLighting's Magnilumen Plus retrofits have upgraded commercial warehouse lighting in businesses throughout the United States. Whether you need to upgrade lighting in a small business shop, large warehouse, or distribution center, we can help!





MAGNILUMEN PLUS™

HIGH OUTPUT

Upgrade Your Environment: Industrial LED Solutions for Modern Workspaces

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

Magnilumen Plus High Output delivers these great features:

Superior Brightness: Our Magnilumen Plus High Output industrial LED retrofit kit delivers exceptional brightness, illuminating large spaces with clarity and visibility, enhancing safety and productivity.

Energy Efficiency: Our retrofit kit uses advanced LED technology to significantly reduce energy consumption compared to traditional lighting systems, translating into substantial cost savings on electricity bills.

Longevity: Built to last, our LED retrofit kit boasts an impressive lifespan, minimizing maintenance costs and downtime associated with frequent bulb replacements.

Compatibility: Our retrofit kit is designed for seamless integration with existing fixtures, making installation quick and hassle-free while maintaining the integrity of your current lighting infrastructure.

Controls Integration: Illuminate your space confidently, knowing that our high output industrial LED retrofit kit seamlessly integrates with advanced lighting controls. This allows you to optimize energy usage, enhance the ambiance, and tailor lighting levels to your specific needs with ease.

The following few pages will show you what a great move it will be to replace your old fluorescent tubes with the new Magnilumen Plus High Output bars and retrofit kits.

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





HIGH OUTPUT

Specification Sheet

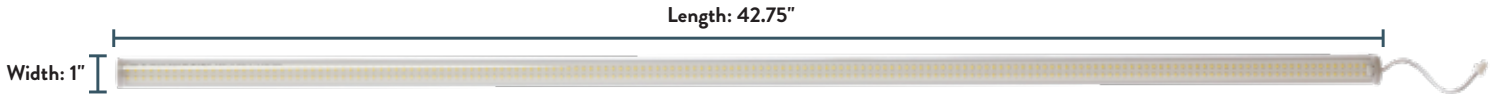
MAGNILUMEN PLUS HIGH OUTPUT LED BARS AND HIGH BAY RETROFIT KITS

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

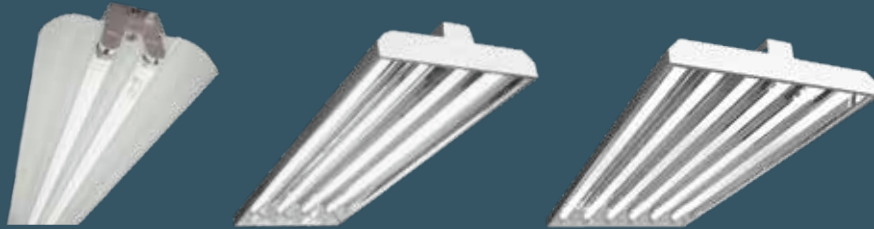


Designed to exceed expectations, Magnilumen Plus High Output illuminates spaces with remarkable clarity and consistency, whether in industrial facilities or commercial complexes. Committed to sustainability, our products merge high luminosity with energy-saving technologies, ensuring environmental responsibility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

Up to 10,000 Lumens Per LED Bar!



Upgrade T12, T8, and T5HO (4, 6, and 8-foot) 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.

- Ease of Use: New pre-installed onboard magnets slide out for screw mounting, making installation a breeze.
- 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.

Specifications and actual product may vary.

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



HIGH OUTPUT

Specification Sheet

MAGNILUMEN PLUS HIGH OUTPUT LED BARS AND 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.

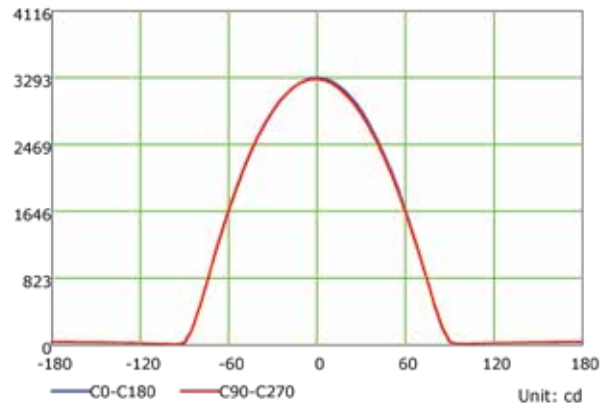
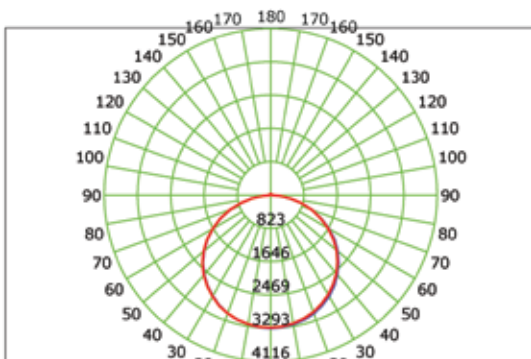
- Complete LED retrofit kit includes LED bars, driver, wiring harness, and tech screws.
- 60W per bar and multiple color temperature choices (40K and 50K).
- Input voltage 100-277V.
- LED bars and drivers include magnets for easy installation and positioning.
- 0-10V dimming
- 5-year warranty
- DLC pending

MAGNILUMEN PLUS HIGH OUTPUT KITS AND PART NUMBER

PART NUMBER	NUMBER OF BARS	NUMBER OF 60W DRIVER	WATTAGE	COLOR TEMP	LUMENS
MRK1460-50K-PLUS-HO	1	1	62W	50K	10,230
MRK24120-50K-PLUS-HO	2	2	124W	50K	20,460
MRK34180-50K-PLUS-HO	3	3	186W	50K	30,690
MRK44240-50K-PLUS-HO	4	4	248W	50K	40,920

Other combination and lumen packages available.

LUMINOUS INTENSITY DISTRIBUTION CURVE











Specifications and actual product may vary.

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

How It's Done!

MAGNILUMEN PLUS⁺ HIGH OUTPUT IS THE PERFECT RETROFIT SOLUTION FOR FLUORESCENT HIGH BAY INDUSTRIAL FIXTURES

Average Installation Time of 20 Minutes.

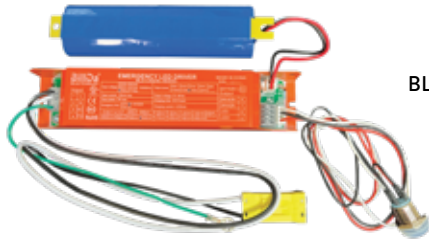
	Average Installation Time of 20 Minutes.			
	 HIGH OUTPUT	 HIGH OUTPUT	 HIGH OUTPUT	 HIGH OUTPUT
Mounting Height	HIGH BAY 20-25 FT. 	HIGH BAY 20-25 FT. 	HIGH BAY 30-40 FT. 	HIGH BAY 30-40 FT. 
Typical Replacement	4 lamp T8	6 lamp T8	6 lamp T5HO	8 lamp T5HO
Original Lamp Lumens	11,800 lumens	17,700 lumens	29,400 lumens	39,200 lumens
Original Delivered Lumens	10,030 lumens	15,045 lumens	24,990 lumens	33,320 lumens
Wattage	128W	192W	324W	432W
Recommended Replacement Lumens	10,000 Lumens @ 62W	20,000 Lumens @ 128W	30,000 Lumens @ 186W	40,000 Lumens @ 248W
Recommended Magnilumen Plus HO Kits	MRK1460-50K-PLUS-HO 1 - 4 ft bar 1 - 60W driver	MRK24120-50K-PLUS-HO 2 - 4 ft bar 2 - 60W driver	MRK34180-50K-PLUS-HO 3 - 4 ft bar 3 - 60W driver	MRK44240-50K-PLUS-HO 4 - 4 ft bar 4 - 60W driver
Wattage Reduction	53%	32%	37%	41%

* Consult Factory for Additional Fixture Types

MAGNILUMEN PLUS HIGH OUTPUT LED BARS AND HIGH BAY RETROFIT KITS

OPTIONS

EMERGENCY BACK-UP LED DRIVER



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

PIR SENSOR

PIR Sensor



PART NUMBER:
PIR-SENSOR-ANT-4A

Power Supply



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



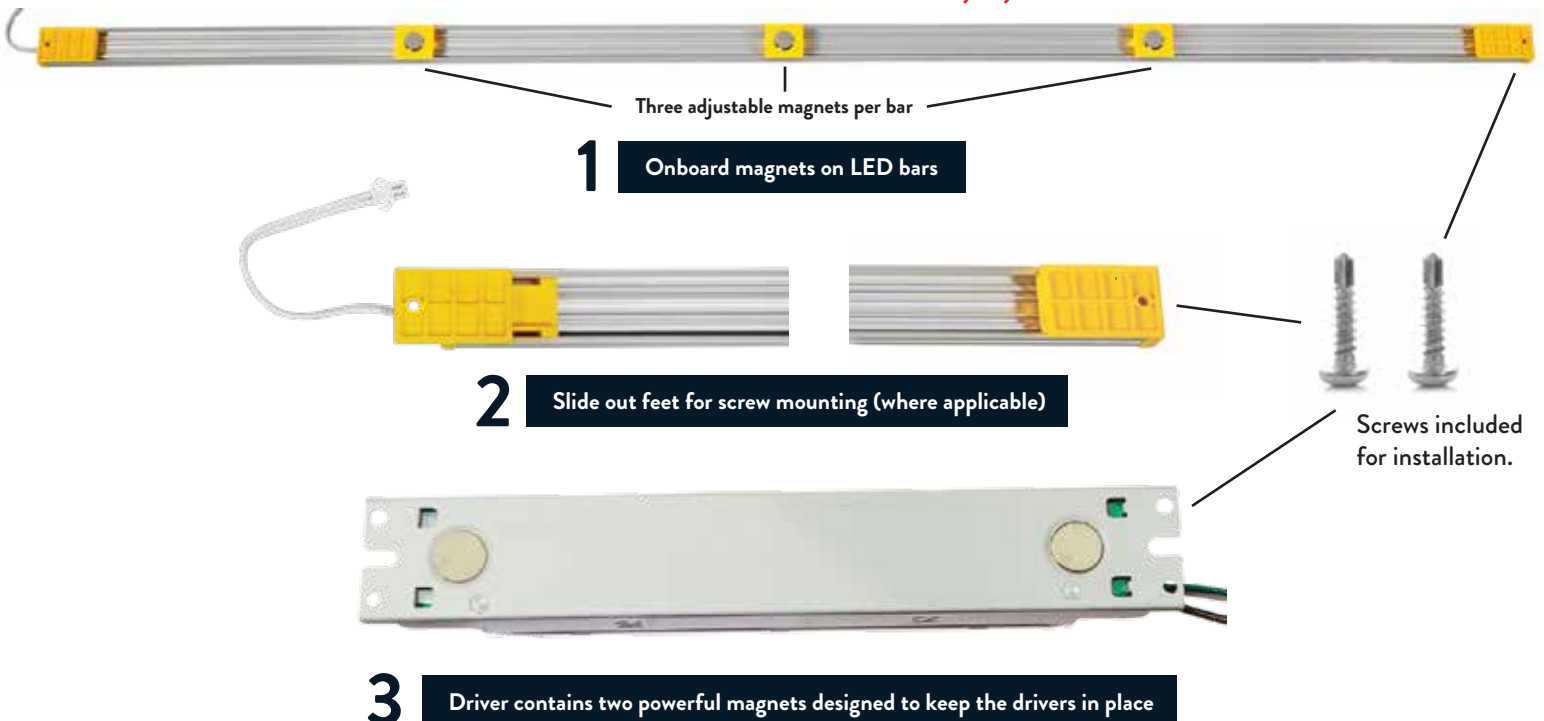
Remote Control
comes with sensor

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 foot 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





HIGH OUTPUT

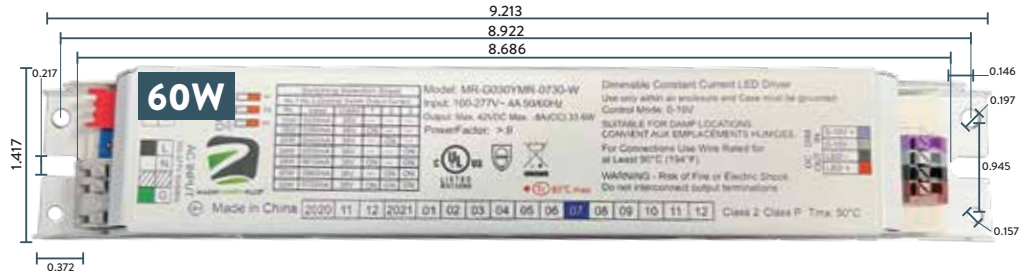
Specification Sheet

MAGNILUMEN PLUS HIGH OUTPUT LED BARS AND HIGH BAY RETROFIT KITS

DRIVER

60W

MAX WATTAGE: 60
INPUT VOLTAGE: 100-277VAC
OUTPUT VOLTAGE: 27-42VDC
DIMENSIONS: 9.21" x 1.43" x 1.15"
RATING: Damp Locations
MRK-DRIVER-60W-2WH-PLUS



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

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)

Specifications and actual product may vary.

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

TRADITIONAL  **MAGNILUMEN PLUS[™]**
GREAT FOR LOW BAY FIXTURES

	 MAGNILUMEN PLUS[™] LOW BAY 12-15 FT. 	 MAGNILUMEN PLUS[™] LOW BAY 15-18 FT. 
Mounting Height		
Typical Replacement	2 lamp 4 foot T8 fluorescent	2 lamp 8 foot T8 fluorescent
Original Lamp Lumens	5,900 lumens	11,000 lumens
Original Delivered Lumens	5,015 lumens	9,350 lumens
Original Wattage	64W	128W
Recommended Replacement Lumens	9,000 Lumens @ 50W	10,800 Lumens @ 60W
Recommended Magnilumen Plus Kits	MRK2450-50K-PLUS 2 - 4 ft bars 1 - 50W driver	MRK2460-50K-PLUS 2 - 4 ft bars 1 - 60W driver

FLUORESCENT

MAGNILUMEN PLUS