

A FLUORESCENT RETROFIT SOLUTION BY





MAGNILUMEN PLUS⁺ THE NEXT GENERATION IN LED MAGNETIC RETROFITTING

Our Magnilumen Magnetic Retrofit Kit has been at the forefront of Magnetic LED Retrofit Kits for years. We now introduce Magnilumen Plus.

What's the PLUS⁺?

Magnilumen Plus delivers up to an additional 25% in energy savings from the standard Magnilumen kit via a significant increase in fixture efficacy.

Magnilumen Plus is available to retrofit fluorescent fixtures with standard 0-10 volt dimming. Kits are easy to install and fit into almost any existing linear fluorescent fixture with onboard magnets. This makes it a perfect upgrade option where energy savings and lighting efficiency is key like hospitals, schools, office buildings, car dealerships, correctional facilities, showrooms, retail stores and any structure looking for a brighter and crisper lighting scene.

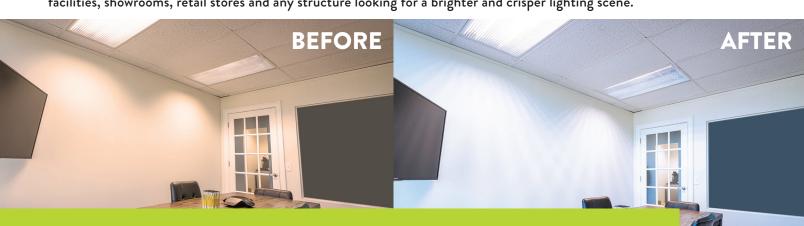
You must see it to believe it (install it in under 10 minutes)

It also delivers these amazing benefits:

- Increased Lumen Output: 20% increase in output per LED board versus first generation of Magnilumen.
- Enhanced Product Flexibility: Wattage selectable and color selectable options allow the end user to adjust lumen output and color temperature to their specific needs. Color Selectable (CSK) in retail pack only.
- Ease to Use: New pre-installed onboard magnets and slide out foot for screw mounting, making installation a breeze.
- Energy Savings: DLC (150 lm/W) with diffuser installed made possible via a higher product efficacy. Also 180 lm/W without diffuser for maximized savings.
- Warranty: 5 years

DIMENSIONS

2 Foot Board		3 Foot Board	
.72" (W)	21.06" (L)	.72" (W)	30.91" (L)
.75" (H)		.75" (H)	
4 Foot Board			
.72" (W)	42.91" (L)	16". 5' an	d 6' available as special order only.
75% (11)			



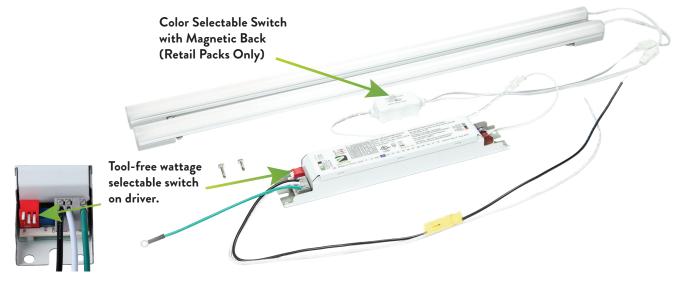


PRODUCT FEATURES

- Wattages: Wattage selectable drivers
- Color Temperatures: 30K, 35K, 40K, 50K, 65K Specialty Colors: Green, Blue, Yellow, Orange, Red Color Selectable (CSK): Retail pack only
- Lumens: 150 lm/W with frost diffuser, 180 lm/W no diffuser
- Beam Angle: 133 degrees
- Voltage Input: 100-277VAC, 100-347VAC (special order)
- CRI: 80+ (standard); 90+ (special order)
- Dimming: 0-10VDC
- Warranty: 5 years

KIT OPTIONS

- Job Packs: Magnetic LED boards, selectable magnetic driver, 24" 2-way harness, and screws (30K, 35K, 40K, 50K)
- Retail Packs: Magnetic LED boards, selectable magnetic driver, 24" 2-way harness with CSK switch, and screws (35K, 40K, 50K)



APPLICATIONS

Magnilumen Plus is the perfect upgrade option where energy savings and lighting efficiency is key in applications like hospitals, schools, office buildings, car dealerships, correctional facilities, showrooms, retail stores and any structure looking for a brighter and crisper lighting scene.



On-board magnets with slide out foot for mounting.

DRIVER WATTAGE POWER SELECTABLE OPTIONS

Wattage selectable options allow the end user to adjust lumen output to their specific needs.

DEFAULT WATTAGE	WATTAGE POWER SELECTABLE OPTIONS
20W	8W, 10W, 14W, 16W, 18W, 20W, 22W
30W	10W, 16W, 20W, 24W, 28W, 30W, 32W
40W	24W, 28W, 30W, 32W, 38W, 40W, 42W
50W	25W, 30W, 38W, 40W, 45W, 50W, 52W
60W	40W, 45W, 50W, 55W, 57W, 60W, 62W
100W	65W, 70W, 75W, 85W, 90W, 95W, 100W



Tool-free Wattage Selectable Switch (red switch)

• Setting info on driver and website.

LUMENS COMPARISON WITH MAGNILUMEN PLUS

You can now choose a lower wattage driver to get the same lumen output as the first generation of Magnilumen

WATTAGES	LUMENS WITH DIFFUSER (150 LM/W)			LUMENS WITHOUT DIFFUSER (180 LM/W)	
	MAGNILUMEN PLUS	GEN 1 MAGNILUMEN	WATTAGES	MAGNILUMEN PLUS	GEN 1 MAGNILUMEN
8W	1,200		8W	1,440	
10W	1,500		10 W	1,800	
14W	2,100	2,400 (20W) 3,600 (30W)	14W	2,520	2,840 (20W)
16W	2,400		16W	2,880	
18W	2,700		18W	3,240	
20W	3,000		20W	3,600	
22W	3,300		22W	3,960	— 4,260 (30W)
24W	3,600		24W	4,320	
25W	3,750		25W	4,500	
28W	4,200		28W	5,040	
30W	4,500		30W	5,400	5,680 (40W)
32W	4,800	4,800 (40W)	32W	5,760	5,680 (40W)
34W	5,100		34W	6,120	
35W	5,250		35W	6,300	
38W	5,700		38W	6,840	7 100 (50)()
40W	6,000	—— 6,000 (50W)	40W	7,200	
42W	6,300		42W	7,560	
45W	6,750		45W	8,100	
47W	7,050		47W	8,460	
50W	7,500	7,500 (60W)	50W	9,000	— 9,000 (60W)
52W	7,800	7,300 (0011)	52W	9,360	
55W	8,250		55W	9,900	
57W	8,550		57W	10,260	
60W	9,000		60W	10,800	
62W	9,300		62W	11,160	
65W	9,750	EXAMPLE: The first generation	65W	11,700	
70W	10,500	40W driver produced	70W	12,600	
75W	11,250	4,800 lumens. Now	75W	13,500	
85W	12,750	with Magnilumen Plus, you can acheive the same lumen output with	85W	15,300	
90W	13,500		90W	16,200	
95W	14,250	a 32W driver kit and	95W	17,100	
100W	15,000	save energy.	100W	18,000	

For part number conversion from first generation Magnilumen to Magnilumen Plus, go to www.magnilumenplus.com

PART NUMBER BREAKDOWN

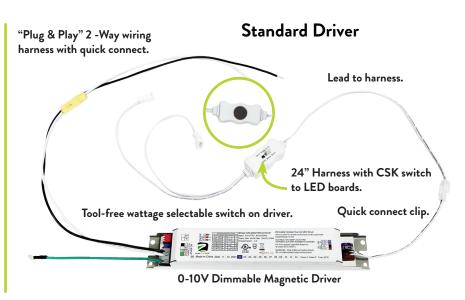
Full part number document available at www.magnilumenplus.com



THE COMPONENTS

Removable Diffuser Lens

Frosted (standard) Clear (special order) None (special order) 150 lm/W with frosted diffuser 180 lm/W without frosted diffuser V in: 100-277VAC Freq: 50-60Hz I in: .04-.42A V out: 27-42VDC PF: >.9



PLUG & PLAY HARNESSES

Harness-1-way Connects 1 LED board to 1 driver. Lead from driver connection to splitter: 11.00"; 1 board lead: 11.75"

Harness-1-way-Ext-8 Connects 1 LED board to 1 driver, has 8 ft extension on driver end.

Harness-1-way-Ext-16 Connects 1 LED board to 1 driver, has 16 ft extension on driver end.

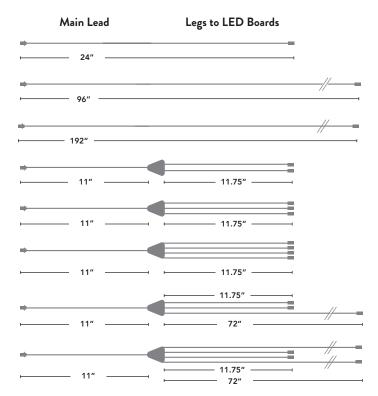
Harness-2-way Connects 2 boards to 1 driver (Standard) Lead from driver connection to splitter: 11.00"; 2 board leads: each 11.75"

Harness-3-way Connects 3 boards to 1 driver Lead from driver connection to splitter: 11.00"; 3 board leads: each 11.75"

Harness-4-way Connects 4 led boards to 1 driver Lead from driver connection to splitter: 11.00"; 4 board leads: each 11.75"

Harness-3-way-Ext (Special Order) Connects 3 boards to 1 driver, has 6 ft extension on driver end. Lead from driver connection to splitter: 11.00"; 2 board leads: each 11.75", 1 board lead: 72.00"

Harness-4-way-Ext (Special Order) Connects 4 boards to 1 driver, 2 leads have has 6 ft extension. Lead from driver connection to splitter: 11.00"; 2 board leads: each 11.75", 2 board leads: each 72.00"





MAGNILUMEN PLUS^{+**} IS THE PERFECT LED RETROFIT SOLUTION FOR 4FT. AND 8FT. INDUSTRIAL CHANNEL FIXTURES AND VAPOR TIGHTS.



channel replacement systems.

8ft. T8, T12 or HO industrial

HOW IT'S DONE

- 8-12ft. Height Replacement Suggested Quantity
- 1-MRK2430-XXK-PLUS: 4,500 4,800 lumens with frosted diffusers
- Total System Wattages: Tune to 30-32W

15ft. Height Replacement - Suggested Quantity

- 1-MRK2440-XXK-PLUS: 6,000 lumens with frosted diffusers
- Total System Wattages: Tune to 40-42W

17-20ft. Height Replacement - Suggested Quantity

- 2-MRK2440-XXK-PLUS: 12,600 lumens with frosted diffusers
- Total System Wattages: Tune to 70-75W

20-25ft. Height Replacement - Suggested Quantity

- 1-MRK44100-XXK-PLUS: 18,000 lumens with frosted diffusers
- Total System Wattages: 100W

• You can replace any two lamps, 4ft. or 8ft. T8 with any of the above systems using the suggested kit or kits for the fixture height.

• To replace HO fluorescent tubes of 110 watts each at the above fixture heights, use kits equaling 40% of the wattage being used and increase MRK kit wattage as fixture height increases.

- For T5 lamps use approximately 40% of total existing T5 wattage HO or regular.
- Diffusers reduce lumens by 15% (easily removed or clear is an option)
- For vapor tight fixtures that are 4ft. and 8ft., use above specs while always removing the Magnilumen Plus diffusers.

• A completely new ballast cover with kits pre-installed are available for most 4ft. and 8ft. fixtures, to give the channel fixture a new look.

• New industrial channel fixtures with unique lighting features to spread the light both downward and side to side are available.

DISTRIBUTOR DISPLAY OPPORTUNITIES Floor Pop Display - Less than 2 x 2' footprint



DISTRIBUTOR WORKING DISPLAY OPPORTUNITIES Working 4' Display - Includes 4" x 9" Rack & Holder







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