

2, 3, AND 4 FOOT RETROFIT KITS

Magnilumen Plus is designed 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.

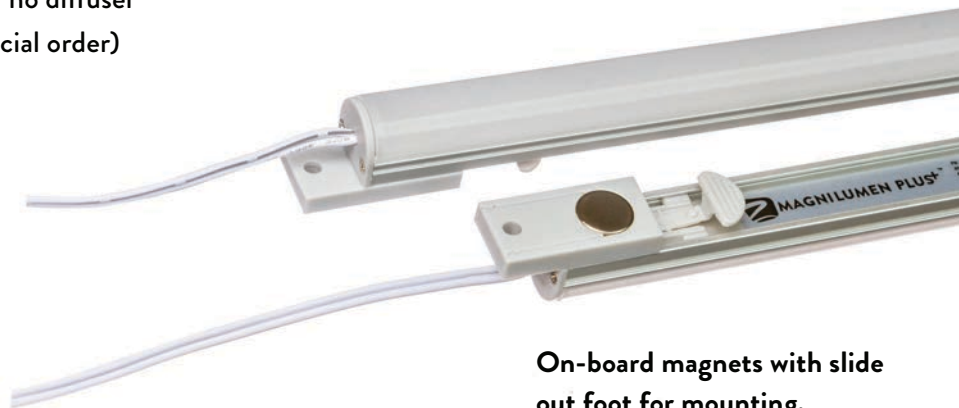
Magnilumen Plus delivers up to an additional 25% in energy savings from the standard Magnilumen kit via a significant increase in fixture efficacy.

It also delivers these amazing benefits:

- **Increased Lumen Output:** 20% increase in output per LED Board.
- **Enhanced Product Flexibility:** Wattage Selectable and Color Selectable (CSK - Color Selectable Kelvin in Retail Packs Only) options allow the end user to adjust lumen output and color temperature to their specific needs.
- **Ease of Use:** New Pre-installed onboard magnets and slide out foot for screw mounting, making installation a breeze.
- **Energy Savings:** DLC (150 lm/W) with cover installed made possible via higher product efficacy. Also 180 lm/W without cover for maximized savings.

PRODUCT FEATURES

- **Wattages:** Wattage selectable drivers
- **Color Temperatures:** 30K, 35K, 40K, 50K, 65K, Green, Blue, Yellow, Orange, Red (color selectable in retail pack only)
- **Lumens:** 150 lm/W with frost diffuser, 180 lm/W no diffuser
- **Voltage Input:** 100-277VAC, 100-347VAC (special order)
- **Driver Voltage:** 27-42VDC
- **CRI:** 80+ standard; 90+ (special order)
- **Dimming:** 0-10VDC
- **Operating Temperature:** -40°F - 122°F
- **Surge Protection:** 2KV
- **Rated:** IP20 for damp location
- **Warranty:** 5 years
- **LM70 Rating:** 100,000 hours



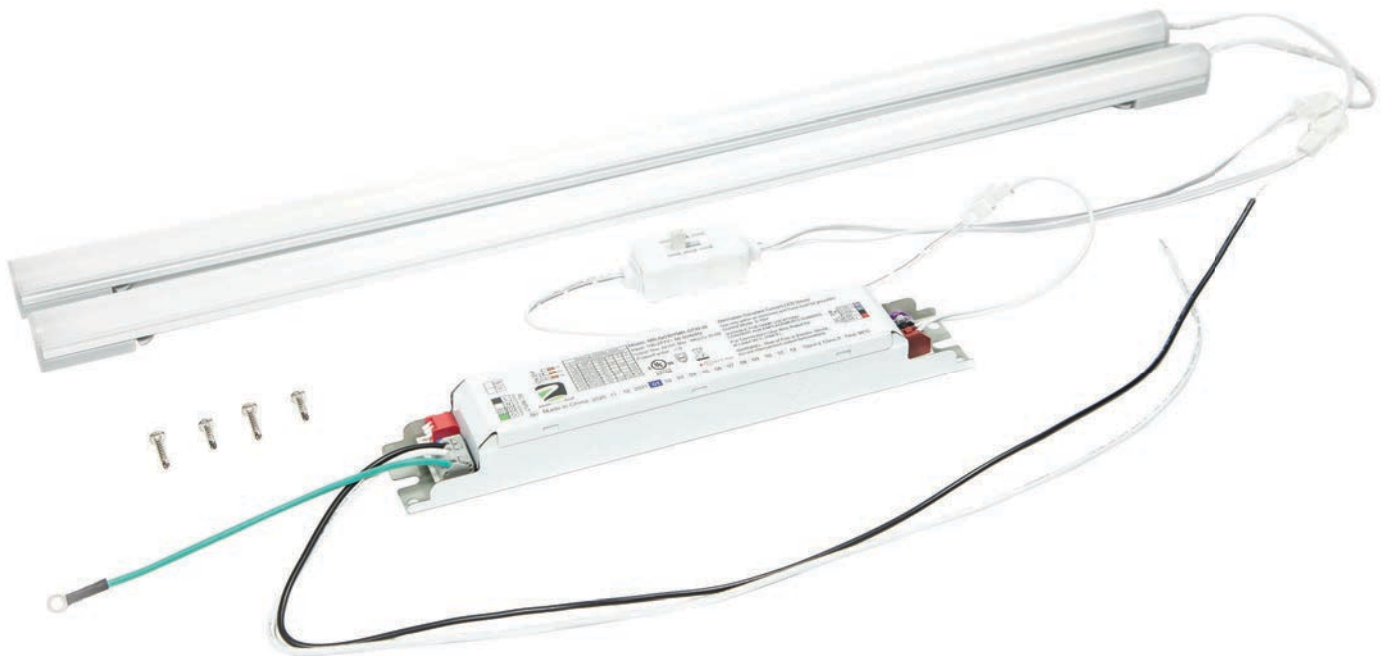
For more information contact:

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KIT OPTIONS

- **Job Pack:** Magnetic LED boards, selectable magnetic driver, 24" 2 or 3-way harness, and screws (30K, 35K, 40K, 50K, 65K, Green, Blue, Yellow, Orange, Red)
- **Retail Pack:** Magnetic LED boards, selectable magnetic driver, 24" 2-way harness with CSK switch, and screws (35K, 40K, 50K)


LUMEN OUTPUT

- 20% increase in lumen output per LED board versus the first generation of Magnilumen.


COLOR TEMPERATURE SELECTABLE

- Available only in Retail Packs Only.
- Tool-Free color temperature selectable option on harness via switch.
- 35K, 40K, 50K options available.


WATTAGE SELECTABLE

- Tool-Free wattage selectable option on driver via DIP switch.


INSTALLATION MADE EASIER

- Onboard magnets on LED boards, driver and CCT switch make for easier installation.
- Slide out foot for screw mounting (where applicable).

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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.



DIMENSIONS

2 Foot Board

21.06" (L)

.72" (W)

.75" (H)

3 Foot Board

30.91" (L)

.72" (W)

.75" (H)

4 Foot Board

42.91" (L)

.72" (W)

.75" (H)

16" (F15 replacement) and 5' available in Generation One Magnilumen. For more information, go to www.magnilumenplus.com under Retrofit Kit tab.



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)		WATTAGES	LUMENS WITHOUT DIFFUSER (180 LM/W)	
	MAGNILUMEN PLUS	GEN 1 MAGNILUMEN		MAGNILUMEN PLUS	GEN 1 MAGNILUMEN
8W	1,200		8W	1,440	
10W	1,500		10W	1,800	
14W	2,100		14W	2,520	
16W	2,400	2,400 (20W)	16W	2,880	2,840 (20W)
18W	2,700		18W	3,240	
20W	3,000		20W	3,600	
22W	3,300		22W	3,960	
24W	3,600	3,600 (30W)	24W	4,320	4,260 (30W)
25W	3,750		25W	4,500	
28W	4,200		28W	5,040	
30W	4,500		30W	5,400	
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	
40W	6,000	6,000 (50W)	40W	7,200	7,100 (50W)
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		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 40W driver produced 4,800 lumens. Now with Magnilumen Plus, you can achieve the same lumen output with a 32W driver kit and save energy.	65W	11,700	
70W	10,500		70W	12,600	
75W	11,250		75W	13,500	
85W	12,750		85W	15,300	
90W	13,500		90W	16,200	
95W	14,250		95W	17,100	
100W	15,000		100W	18,000	

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

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JOB PACK PART BUILDER

Ex: MRK2420-50K-PLUS

Product	-	Color Temperature	-	Plus	=	
MRK1410		65K		PLUS		
MRK1420		50K				
MRK1430		40K				
MRK2220		35K				
MRK2230		30K				
MRK2420		Green				
MRK2430		Blue				
MRK2440		Yellow				
MRK2450		Orange				
MRK2460		Red				
MRK3220						
MRK3230						
MRK3240						
MRK3320						
MRK3420						
MRK3430						
MRK3440						
MRK3450						
MRK3460						
MRK34100						
MRK4220						
MRK4230						
MRK4240						
MRK4250						
MRK4260						
MRK4420						
MRK4430						
MRK4440						
MRK4450						
MRK4460						
MRK44100						

*Full part number document available
at www.magnilumenplus.com

RETAIL PACK PART BUILDER

Ex: MRK2420-CSK-PLUS-RP

Product	-	Color Temperature	-	Plus	-	Packaging	=	
MRK2200		CSK		PLUS		RP		
MRK2230								
MRK2420								
MRK2430								
MRK2440								
MRK2450								