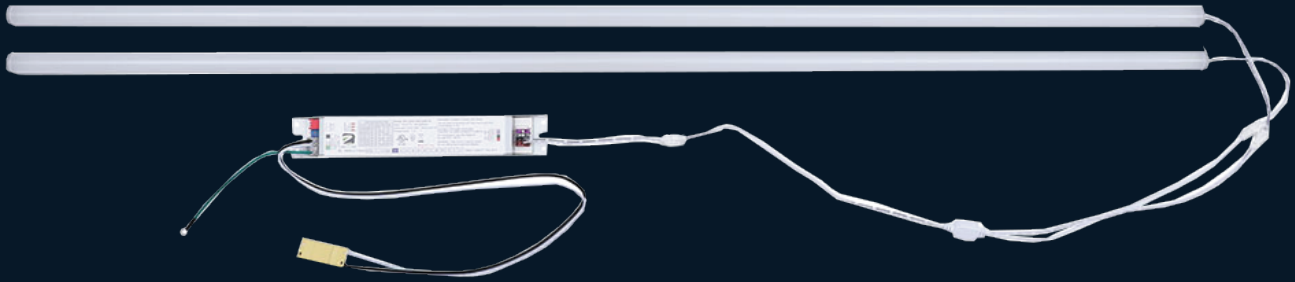


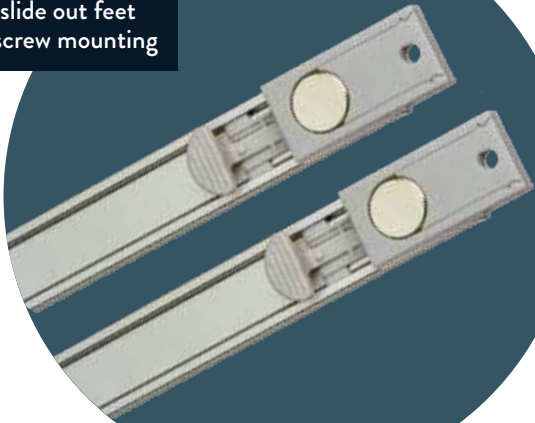


MAGNILUMEN PLUSTM



LED MAGNETIC RETROFIT KITS

On board magnets and slide out feet for screw mounting



Wattage selection on driver with DIP switch



Lumen output from inside
150 lumens per watt with diffuser
180 lumens per watt without diffuser



Color Temperature Selectable with CSK Switch (retail packs only)



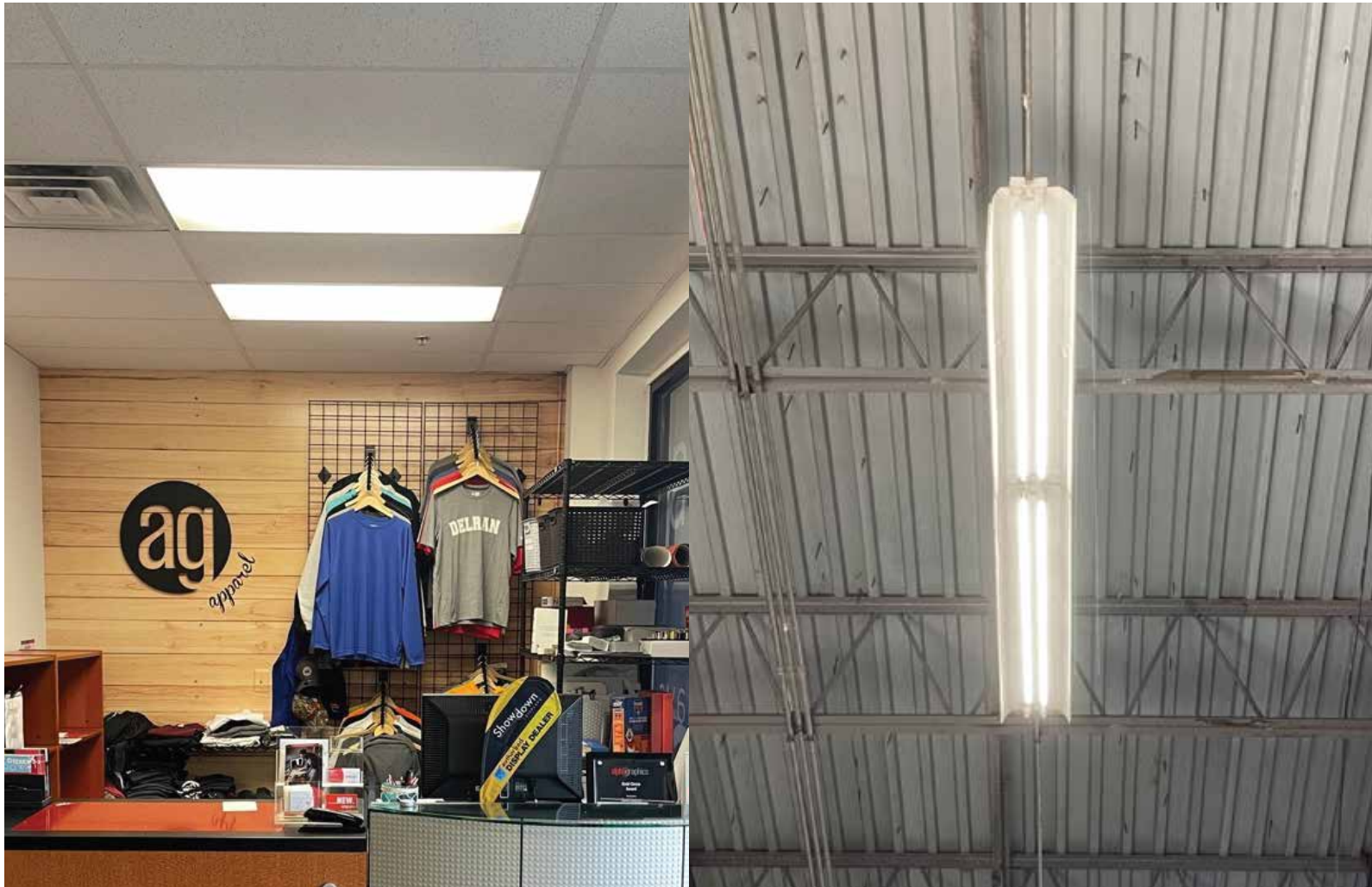


The #1 Magnetic Retrofit Kit in the U.S.A.

TOP REASONS TO CHOOSE MAGNILUMEN PLUS:

- High lumen output (150 lumens per watt with diffuser; 180 lumens per watt without diffuser.)
- Ease and speed of installation.
- Wattage and color temperature selectability are available.
- Use in new and existing fixtures.
- L70 Lifetime calculation > 100,000 hours per LM80 testing, 5 year warranty.
- Great for high installation – 12FT to 25FT kits for industrial applications.
- Longer lasting than fluorescent and LED tubes.

The convenience of knowing it's truly a lifetime retrofit!

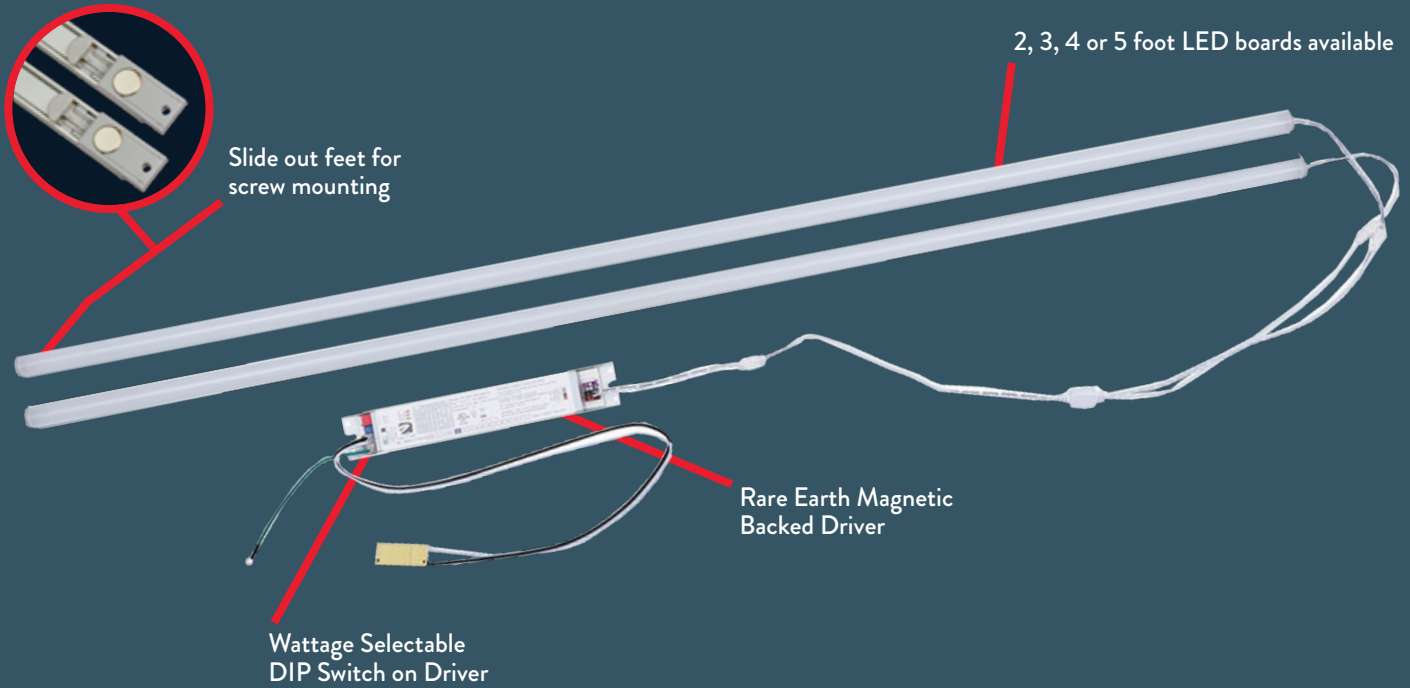


For more information on all the Magnilumen Plus products, applications, and accessories, please go to www.magnilumennplus.com

MAGNILUMEN PLUSTM

2, 3, 4 and 5 foot LED Magnetic 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.



- **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 slide out 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.

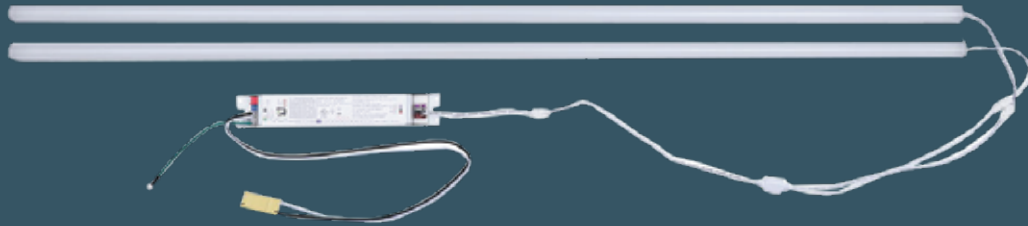
APPLICATIONS

- CHANNEL LIGHTS
- VAPOR TIGHTS
- TROFFER
- COVE LIGHTING
- SURFACE MOUNT
- HIGH BAYS
- SHELF DISPLAY
- RETAIL DISPLAY
- DIRECT & INDIRECT
- LINEAR HIGH BAY
- EMERGENCY
- INDOOR SIGNAGE

| | |
|-------------------------|--|
| WATTAGE | Wattage selectable drivers |
| COLOR TEMPS | 30K, 35K, 40K, 50K, 65K, Green, Blue, Yellow, Red, Amber, Black Light (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 TEMP | -40°F - 122°F |
| SURGE PROTECTION | 2KV |
| RATED | IP20 for damp location |
| WARRANTY | 5 years |
| LM70 RATING | 100,000 hours |

KIT OPTIONS

JOB PACK



Magnetic LED boards, selectable magnetic driver, 24" harness, and screws (30K, 35K, 40K, 50K, 65K, Green, Blue, Yellow, Black Light, Amber, Red)

RETAIL PACK




Magnetic LED boards, selectable magnetic driver, 24" harness with CSK switch (35K, 40K, 50K), and screws



LUMEN OUTPUT

- 150 lm/W with frosted diffuser
- 180 lm/W without diffuser



WATTAGE SELECTABLE

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

MAXIMUM WATTAGE

- 2 foot: 15W per board
- 3 foot: 20W per board
- 4 foot: 30W per board
- 5 foot: 45W per board



COLOR TEMPERATURE SELECTABLE IN RETAIL PACKS ONLY

- Tool-Free color temperature selectable option on harness via switch.
- 35K, 40K, 50K options available.



INSTALLATION MADE EASIER

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

WATTAGE DRIVER LUMENS

Different wattages drive the lumen package.

| 20W DRIVER | | | 30W DRIVER | | | 40W DRIVER | | |
|------------|-------------|--------------|------------|-------------|--------------|------------|-------------|--------------|
| WATTAGE | w/ DIFFUSER | w/o DIFFUSER | WATTAGE | w/ DIFFUSER | w/o DIFFUSER | WATTAGE | w/ DIFFUSER | w/o DIFFUSER |
| 8 | 1200 | 1440 | 10 | 1500 | 1800 | 24 | 3600 | 4320 |
| 10 | 1500 | 1800 | 16 | 2400 | 2880 | 28 | 4200 | 5040 |
| 14 | 2100 | 2520 | 20 | 3000 | 3600 | 30 | 4500 | 5400 |
| 16 | 2400 | 2880 | 24 | 3600 | 4320 | 32 | 4800 | 5760 |
| 18 | 2700 | 3240 | 28 | 4200 | 5040 | 38 | 5700 | 6840 |
| 20 | 3000 | 3600 | 30 | 4500 | 5400 | 40 | 6000 | 7200 |
| 22 | 3300 | 3960 | 32 | 4800 | 5760 | 42 | 6300 | 7560 |

| 50W DRIVER | | | 60W DRIVER | | | 100W DRIVER | | |
|------------|-------------|--------------|------------|-------------|--------------|-------------|-------------|--------------|
| WATTAGE | w/ DIFFUSER | w/o DIFFUSER | WATTAGE | w/ DIFFUSER | w/o DIFFUSER | WATTAGE | w/ DIFFUSER | w/o DIFFUSER |
| 25 | 3750 | 4500 | 40 | 6000 | 7200 | 65 | 9750 | 11700 |
| 30 | 4500 | 5400 | 45 | 6750 | 8100 | 70 | 10500 | 12600 |
| 38 | 5700 | 6840 | 50 | 7500 | 9000 | 75 | 11250 | 13500 |
| 40 | 6000 | 7200 | 55 | 8250 | 9900 | 80 | 12000 | 14400 |
| 45 | 6750 | 8100 | 57 | 8550 | 10260 | 85 | 12750 | 15300 |
| 50 | 7500 | 9000 | 60 | 9000 | 10800 | 90 | 13500 | 16200 |
| 52 | 7800 | 9360 | 62 | 9300 | 11160 | 95 | 14250 | 17100 |
| | | | | | | 100 | 15000 | 18000 |



To watch our installation video, go to:



JOB PACK PART BUILDER

| MRK | # of Boards | Length | Driver Wattage | CCT | PLUS | Options |
|-----|------------------|----------------------------------|---|--|------|--|
| | 1 2 3 4 | 2 ft. 3 ft. 4 ft. 5 ft. | 20W 30W 40W 50W 60W 100W | 30K 35K 40K 50K 65K 27K (special order) | | EM (emergency driver) MS (microwave sensor) |

RETAIL PACK PART BUILDER

| MRK | # of Boards | Length | Driver Wattage | CSK | PLUS | RP |
|-----|-------------|----------------|--------------------------|-----|------|----|
| | 2 4 | 2 ft. 4 ft. | 20W 30W 40W 50W | | | |



DRIVER SPECIFICATIONS



FEATURES

- Dimming: 0-10V
- Dimming Flicker-Free
- Flicker Index: 0.001
- 7 Selectable Accurate Wattages By DIP Switch
- Adjustable Current By Potentiometer
- Warranty: 5 years
- Magnetic Backed For Easy Installation
- UL Class P Listed

| MODEL NUMBER | DEFAULT WATTAGE | INPUT VOLTAGE | POWER FACTOR | EFFICIENCY | THD | OUTPUT VOLTAGE |
|--------------------------|-----------------|---------------|--------------|------------|------|----------------|
| MRK-DRIVER-20W-2H-PLUS | 20W | 100-277VAC | ≥0.9 | ≥88% | ≤10% | 27-42VDC |
| MRK-DRIVER-30W-2H-PLUS | 30W | 100-277VAC | ≥0.9 | ≥88% | ≤10% | 27-42VDC |
| MRK-DRIVER-40W-2H-PLUS | 40W | 100-277VAC | ≥0.9 | ≥88% | ≤10% | 27-42VDC |
| MRK-DRIVER-50W-2H-PLUS | 50W | 100-277VAC | ≥0.9 | ≥88% | ≤10% | 27-42VDC |
| MRK-DRIVER-60W-2H-PLUS | 60W | 100-277VAC | ≥0.9 | ≥88% | ≤10% | 27-42VDC |
| MRK-DRIVER-100W-4WH-PLUS | 100W | 100-277VAC | ≥0.9 | ≥88% | ≤10% | 27-42VDC |

DRIVER DIMENSIONS

(Unit: inches)

20-60W



100W



DIMMABLE LED TRIAC DRIVER WITH 5 IN 1 DIMMING (WATTAGE SELECTABLE)

20W, 40W, 60W with DIP Switch (Triac, Forward Phase, MLV, ELV, 0-10V)

20W CONSTANT CURRENT DRIVER WITH DIP SWITCH

Input Voltage:
100-277VAC
Dimension:
6.28" x 1.69" x .78"



40W CONSTANT CURRENT DRIVER WITH DIP SWITCH

Input Voltage:
100-277VAC
Dimension:
6.75" x 2.12" x .78"

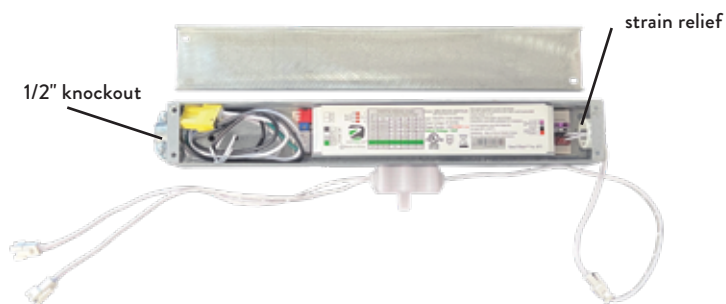


60W CONSTANT CURRENT DRIVER WITH DIP SWITCH

Input Voltage:
100-277VAC
Dimension:
7.58" x 2.44" x .94"



DRIVER ENCLOSURES

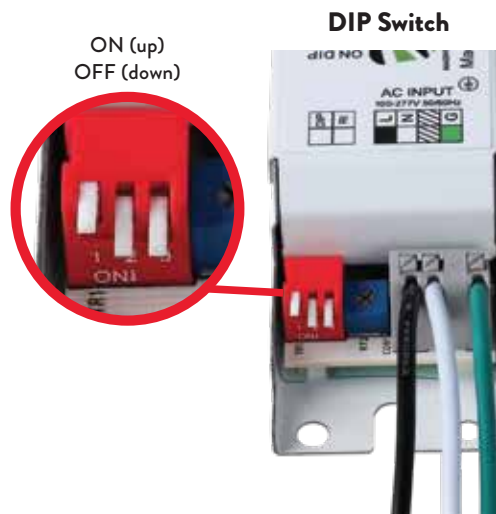


100W DRIVER ENCLOSURE (with two knockouts)

PN: MRK-100W-DRIVER-ENCLOSURE
DIMENSIONS: 16" (L) x 1.75" (W) x 1.3125" (D)

20-60W DRIVER ENCLOSURE (with two knockouts)

PN: MRK-20/60W-DRIVER-ENCLOSURE
DIMENSIONS: 12" (L) x 1.75" (W) x 1.3125" (D)



DIP SWITCH SETTING CHART

| MRK-DRIVER-20W-PLUS | | | | | |
|---------------------|---------------|----------------|--------|------|------|
| Input Wattage | Input Voltage | Output Voltage | Switch | | |
| | | | 1 | 2 | 3 |
| 8W | 190MA | 27-42V | UP | UP | UP |
| 10W | 240MA | 27-42V | DOWN | UP | UP |
| 14W | 320MA | 27-42V | UP | DOWN | UP |
| 16W | 370MA | 27-42V | UP | UP | DOWN |
| 18W | 410MA | 27-42V | DOWN | UP | DOWN |
| 20W | 470MA | 27-42V | UP | DOWN | DOWN |
| 22W | 510MA | 27-42V | DOWN | DOWN | DOWN |

| MRK-DRIVER-30W-PLUS | | | | | |
|---------------------|---------------|----------------|--------|------|------|
| Input Wattage | Input Voltage | Output Voltage | Switch | | |
| | | | 1 | 2 | 3 |
| 10W | 230MA | 27-42V | UP | UP | UP |
| 16W | 360MA | 27-42V | DOWN | UP | UP |
| 20W | 440MA | 27-42V | UP | DOWN | UP |
| 24W | 530MA | 27-42V | UP | UP | DOWN |
| 28W | 610MA | 27-42V | DOWN | UP | DOWN |
| 30W | 660MA | 27-42V | UP | DOWN | DOWN |
| 32W | 730MA | 27-42V | DOWN | DOWN | DOWN |

| MRK-DRIVER-40W-PLUS | | | | | |
|---------------------|---------------|----------------|--------|------|------|
| Input Wattage | Input Voltage | Output Voltage | Switch | | |
| | | | 1 | 2 | 3 |
| 24W | 560MA | 27-42V | UP | UP | UP |
| 28W | 650MA | 27-42V | DOWN | UP | UP |
| 30W | 700MA | 27-42V | UP | DOWN | UP |
| 32W | 770MA | 27-42V | UP | UP | DOWN |
| 38W | 840MA | 27-42V | DOWN | UP | DOWN |
| 40W | 880MA | 27-42V | UP | DOWN | DOWN |
| 42W | 940MA | 27-42V | DOWN | DOWN | DOWN |

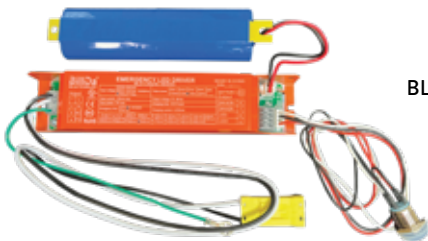
| MRK-DRIVER-50W-PLUS | | | | | |
|---------------------|---------------|----------------|--------|------|------|
| Input Wattage | Input Voltage | Output Voltage | Switch | | |
| | | | 1 | 2 | 3 |
| 25W | 580MA | 27-42V | UP | UP | UP |
| 30W | 710MA | 27-42V | DOWN | UP | UP |
| 38W | 880MA | 27-42V | UP | DOWN | UP |
| 40W | 910MA | 27-42V | UP | UP | DOWN |
| 45W | 990MA | 27-42V | DOWN | UP | DOWN |
| 50W | 1100MA | 27-42V | UP | DOWN | DOWN |
| 52W | 1160MA | 27-42V | DOWN | DOWN | DOWN |

| MRK-DRIVER-60W-PLUS | | | | | |
|---------------------|---------------|----------------|--------|------|------|
| Input Wattage | Input Voltage | Output Voltage | Switch | | |
| | | | 1 | 2 | 3 |
| 40W | 920MA | 27-42V | UP | UP | UP |
| 45W | 1020MA | 27-42V | DOWN | UP | UP |
| 50W | 1120MA | 27-42V | UP | DOWN | UP |
| 55W | 1230MA | 27-42V | UP | UP | DOWN |
| 57W | 1290MA | 27-42V | DOWN | UP | DOWN |
| 60W | 1360MA | 27-42V | UP | DOWN | DOWN |
| 62W | 1410MA | 27-42V | DOWN | DOWN | DOWN |

| MRK-DRIVER-100W-PLUS | | | | | |
|----------------------|---------------|----------------|--------|------|------|
| Input Wattage | Input Voltage | Output Voltage | Switch | | |
| | | | 1 | 2 | 3 |
| 65W | 1520MA | 27-42V | UP | UP | UP |
| 70W | 1630MA | 27-42V | DOWN | UP | UP |
| 75W | 1740MA | 27-42V | UP | DOWN | UP |
| 80W | 1850MA | 27-42V | UP | UP | DOWN |
| 85W | 1940MA | 27-42V | DOWN | UP | DOWN |
| 90W | 2050MA | 27-42V | UP | DOWN | DOWN |
| 95W | 2150MA | 27-42V | DOWN | DOWN | DOWN |
| 100W | 2250MA | 27-42V | DOWN | DOWN | DOWN |

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

OPTIONS

MAGNETS

MAGNETS FOR DIRECTIONAL USE

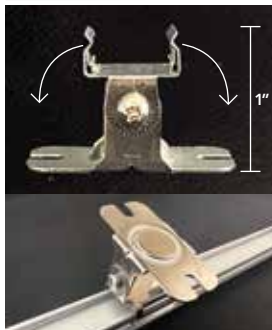
45 Degree Angle Magnet

PART NUMBER:
MAG-NO-HOOK-45DEG



Magnet with Hook (adjustable 0-180 degrees)

PART NUMBER:
MAG-HOOK-ADJUSTABLE



OPTIONAL MOUNTING MAGNETS AND HARDWARE

Magnet with Hook

PART NUMBER:
MAG-HOOK



Clip with No Magnet, No Hook

PART NUMBER:
NO-MAG-NO-HOOK



No Hook Magnet

PART NUMBER:
MAG-NO-HOOK



HARNESSES

A 2-Way harness is standard with kits but unique situations might require a special harness. 1, 3, and 4-Way harness options are available.

1-WAY HARNESS – Connects 1 LED board to 1 driver

PART NUMBER: HARNESS-1-WAY

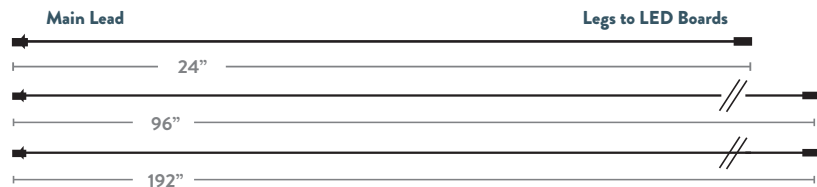
Lead from driver connection to splitter: 11.00"; 1 board lead: 11.75"

PART NUMBER: HARNESS-1-WAY-8FT

Has 8 ft extension on driver end

PART NUMBER: HARNESS-1-WAY-EXT-16FT

Has 16 ft extension on driver end

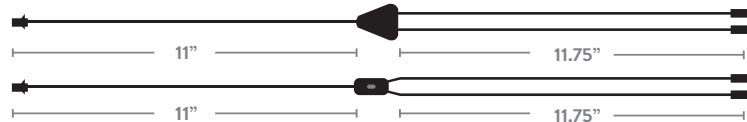


2-WAY HARNESS (STANDARD) – Connects 2 LED board to 1 driver

PART NUMBER: HARNESS-2-WAY

Lead from driver connection to splitter: 11.00"; 2 board lead: each 11.75"

PART NUMBER: HARNESS-2-WAY-CSK-SWITCH



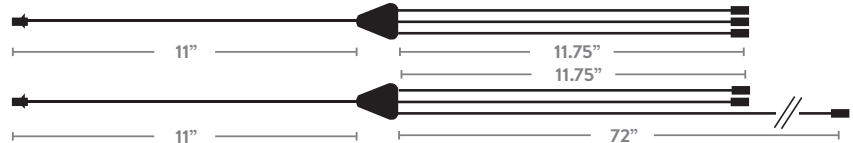
3-WAY HARNESS – Connects 3 LED board to 1 driver

PART NUMBER: HARNESS-3-WAY

Lead from driver connection to splitter: 11.00"; 3 board lead: each 11.75"

PART NUMBER: HARNESS-3-WAY-EXT (2 long, 1 short)

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"



4-WAY HARNESS – Connects 4 LED board to 1 driver

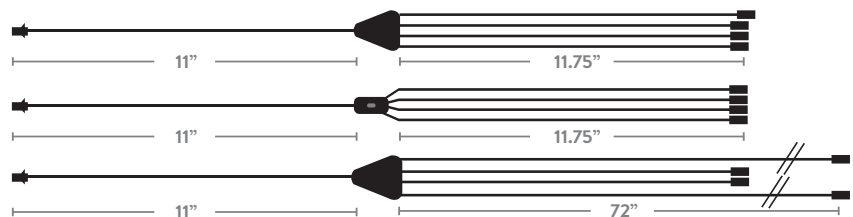
PART NUMBER: HARNESS-4-WAY

Lead from driver connection to splitter: 11.00"; 4 board lead: each 11.75"

PART NUMBER: HARNESS-4-WAY-CSK-SWITCH

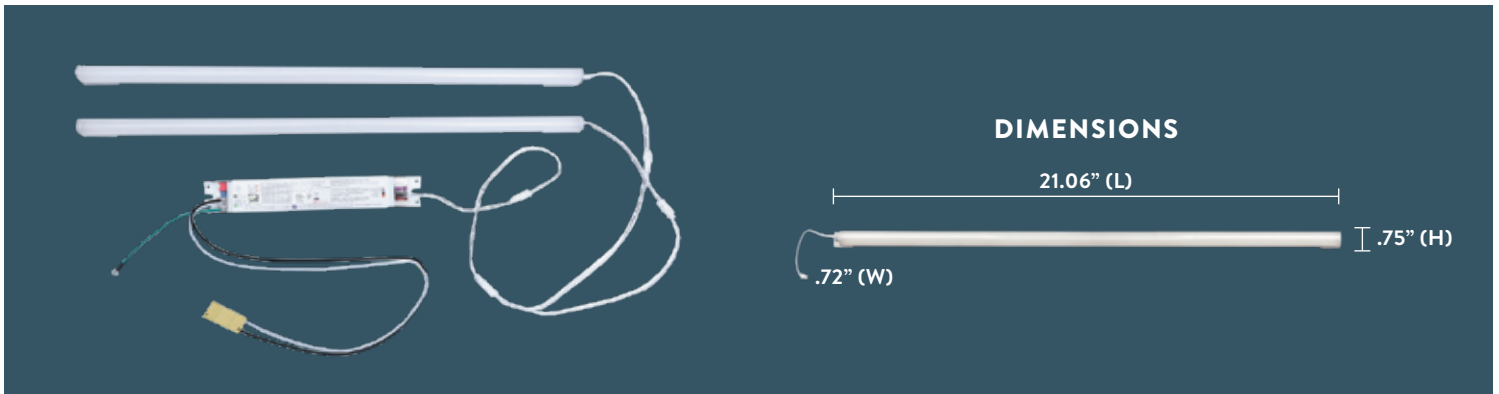
PART NUMBER: HARNESS-4-WAY-EXT (2 long, 2 short)

2 leads have 6 ft extension. Lead from driver connection to splitter: 11.00"; 2 board leads: each 11.75", 2 board leads: 72.00"



2 FOOT JOB PACK

150lm/W with frosted diffuser, 180 lm/W with no diffuser



| PRODUCT NUMBER | COLOR TEMP | QTY/ LENGTH | DRIVER | WATTAGE | LUMENS W/ DIFFUSER | LUMENS W/O DIFFUSER | RATED | DLC CODE |
|------------------|------------|---------------|--------|----------|--------------------|---------------------|----------|-----------------|
| MRK2220-30K-PLUS | 30K | 2 pcs 2 ft | 20W | Max. 20W | 3000 | 3600 | ETL, DLC | PSIRMAXK |
| MRK2220-35K-PLUS | 35K | 2 pcs 2 ft | 20W | Max. 20W | 3000 | 3600 | ETL, DLC | PT5PM8M5 |
| MRK2220-40K-PLUS | 40K | 2 pcs 2 ft | 20W | Max. 20W | 3000 | 3600 | ETL, DLC | PA9KXM6M |
| MRK2220-50K-PLUS | 50K | 2 pcs 2 ft | 20W | Max. 20W | 3000 | 3600 | ETL, DLC | PNCTZBW7 |
| MRK2220-65K-PLUS | 65K | 2 pcs 2 ft | 20W | Max. 20W | 3000 | 3600 | ETL | Contact Factory |
| MRK2230-30K-PLUS | 30K | 2 pcs 2 ft | 30W | Max. 30W | 4500 | 5400 | ETL, DLC | P37EX6YU |
| MRK2230-35K-PLUS | 35K | 2 pcs 2 ft | 30W | Max. 30W | 4500 | 5400 | ETL, DLC | P11R19JK |
| MRK2230-40K-PLUS | 40K | 2 pcs 2 ft | 30W | Max. 30W | 4500 | 5400 | ETL, DLC | PXWPFRWL |
| MRK2230-50K-PLUS | 50K | 2 pcs 2 ft | 30W | Max. 30W | 4500 | 5400 | ETL, DLC | PM5R70MK |
| MRK2230-65K-PLUS | 65K | 2 pcs 2 ft | 30W | Max. 30W | 4500 | 5400 | ETL | Contact Factory |
| MRK3230-30K-PLUS | 30K | 3 pcs 2 ft | 30W | Max. 30W | 4500 | 5400 | ETL | Contact Factory |
| MRK3230-35K-PLUS | 35K | 3 pcs 2 ft | 30W | Max. 30W | 4500 | 5400 | ETL | Contact Factory |
| MRK3230-40K-PLUS | 40K | 3 pcs 2 ft | 30W | Max. 30W | 4500 | 5400 | ETL | Contact Factory |
| MRK3230-50K-PLUS | 50K | 3 pcs 2 ft | 30W | Max. 30W | 4500 | 5400 | ETL | Contact Factory |
| MRK3230-65K-PLUS | 65K | 3 pcs 2 ft | 30W | Max. 30W | 4500 | 5400 | ETL | Contact Factory |
| MRK3240-30K-PLUS | 30K | 3 pcs 2 ft | 40W | Max. 40W | 6000 | 7200 | ETL | Contact Factory |
| MRK3240-35K-PLUS | 35K | 3 pcs 2 ft | 40W | Max. 40W | 6000 | 7200 | ETL | Contact Factory |
| MRK3240-40K-PLUS | 40K | 3 pcs 2 ft | 40W | Max. 40W | 6000 | 7200 | ETL | Contact Factory |
| MRK3240-50K-PLUS | 50K | 3 pcs 2 ft | 40W | Max. 40W | 6000 | 7200 | ETL | Contact Factory |
| MRK3240-65K-PLUS | 65K | 3 pcs 2 ft | 40W | Max. 40W | 6000 | 7200 | ETL | Contact Factory |

2 FOOT JOB PACK

150lm/W with frosted diffuser, 180 lm/W with no diffuser

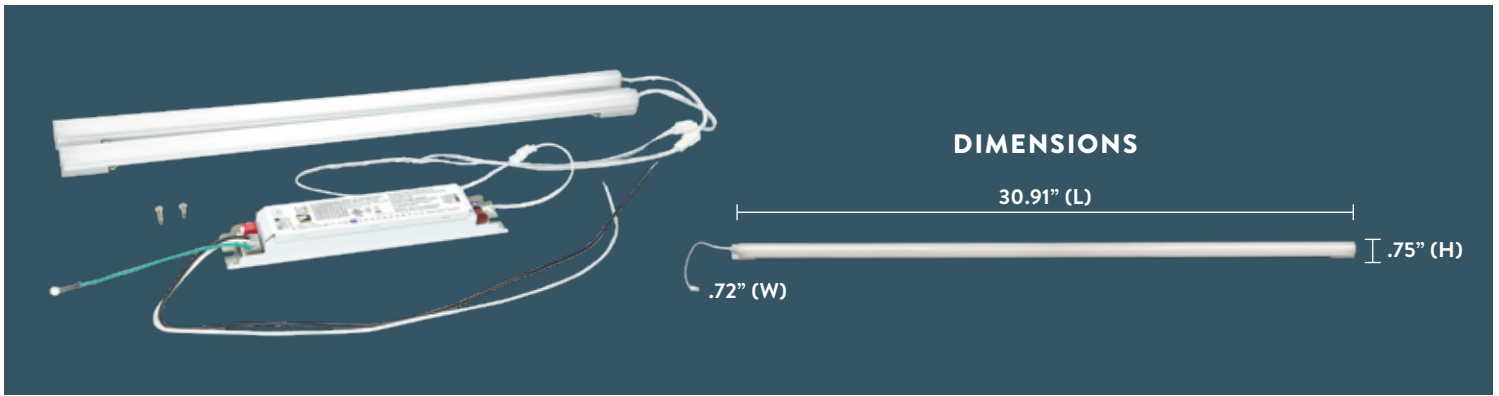
| PRODUCT NUMBER | COLOR TEMP | QTY/ LENGTH | DRIVER | WATTAGE | LUMENS W/ DIFFUSER | LUMENS W/O DIFFUSER | RATED | DLC CODE |
|------------------|------------|---------------|--------|----------|--------------------|---------------------|-------|-----------------|
| MRK4240-30K-PLUS | 30K | 4 pcs 2 ft | 40W | Max. 40W | 6000 | 7200 | ETL | Contact Factory |
| MRK4240-35K-PLUS | 35K | 4 pcs 2 ft | 40W | Max. 40W | 6000 | 7200 | ETL | Contact Factory |
| MRK4240-40K-PLUS | 40K | 4 pcs 2 ft | 40W | Max. 40W | 6000 | 7200 | ETL | Contact Factory |
| MRK4240-50K-PLUS | 50K | 4 pcs 2 ft | 40W | Max. 40W | 6000 | 7200 | ETL | Contact Factory |
| MRK4240-65K-PLUS | 65K | 4 pcs 2 ft | 40W | Max. 40W | 6000 | 7200 | ETL | Contact Factory |
| MRK4250-30K-PLUS | 30K | 4 pcs 2 ft | 50W | Max. 50W | 7500 | 9000 | ETL | Contact Factory |
| MRK4250-35K-PLUS | 35K | 4 pcs 2 ft | 50W | Max. 50W | 7500 | 9000 | ETL | Contact Factory |
| MRK4250-40K-PLUS | 40K | 4 pcs 2 ft | 50W | Max. 50W | 7500 | 9000 | ETL | Contact Factory |
| MRK4250-50K-PLUS | 50K | 4 pcs 2 ft | 50W | Max. 50W | 7500 | 9000 | ETL | Contact Factory |
| MRK4250-65K-PLUS | 65K | 4 pcs 2 ft | 50W | Max. 50W | 7500 | 9000 | ETL | Contact Factory |
| MRK4260-30K-PLUS | 30K | 4 pcs 2 ft | 60W | Max. 60W | 9000 | 10800 | ETL | Contact Factory |
| MRK4260-35K-PLUS | 35K | 4 pcs 2 ft | 60W | Max. 60W | 9000 | 10800 | ETL | Contact Factory |
| MRK4260-40K-PLUS | 40K | 4 pcs 2 ft | 60W | Max. 60W | 9000 | 10800 | ETL | Contact Factory |
| MRK4260-50K-PLUS | 50K | 4 pcs 2 ft | 60W | Max. 60W | 9000 | 10800 | ETL | Contact Factory |
| MRK4260-65K-PLUS | 65K | 4 pcs 2 ft | 60W | Max. 60W | 9000 | 10800 | ETL | Contact Factory |



Before and after photos of a recent installation.

3 FOOT JOB PACK

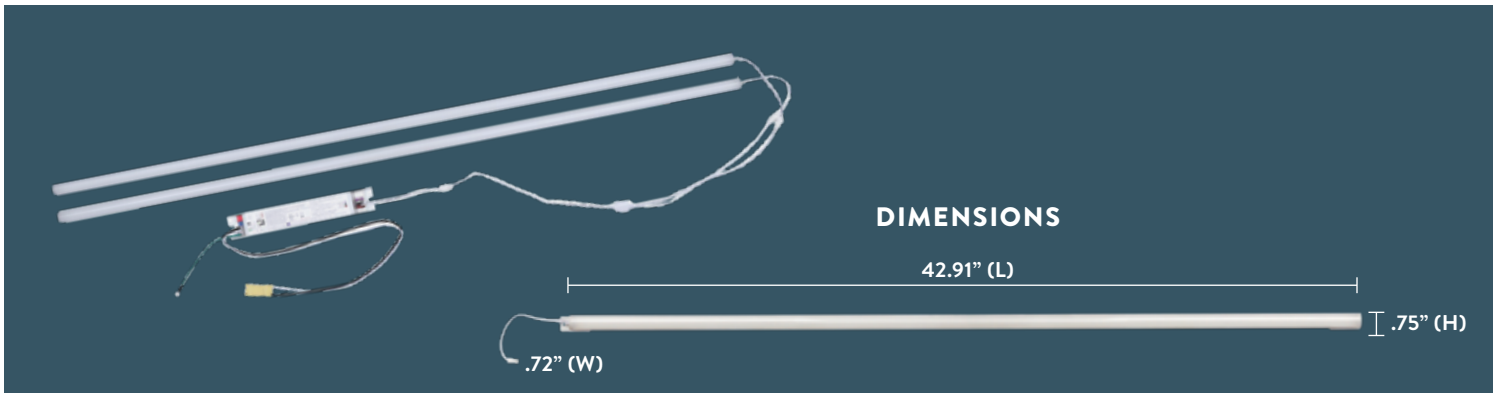
150lm/W with frosted diffuser, 180 lm/W with no diffuser



| PRODUCT NUMBER | COLOR TEMP | QTY/ LENGTH | DRIVER | WATTAGE | LUMENS W/ DIFFUSER | LUMENS W/O DIFFUSER | RATED | DLC CODE |
|------------------|------------|----------------|--------|----------|-----------------------|------------------------|----------|-----------------|
| MRK2320-30K-PLUS | 30K | 2 pcs 3 ft | 20W | Max. 20W | 3000 | 3600 | ETL | Contact Factory |
| MRK2320-35K-PLUS | 35K | 2 pcs 3 ft | 20W | Max. 20W | 3000 | 3600 | ETL | Contact Factory |
| MRK2320-40K-PLUS | 40K | 2 pcs 3 ft | 20W | Max. 20W | 3000 | 3600 | ETL | Contact Factory |
| MRK2320-50K-PLUS | 50K | 2 pcs 3 ft | 20W | Max. 20W | 3000 | 3600 | ETL | Contact Factory |
| MRK2330-30K-PLUS | 30K | 2 pcs 3 ft | 30W | Max. 30W | 4500 | 5400 | ETL, DLC | P9EFA653 |
| MRK2330-35K-PLUS | 35K | 2 pcs 3 ft | 30W | Max. 30W | 4500 | 5400 | ETL, DLC | PR29MJR8 |
| MRK2330-40K-PLUS | 40K | 2 pcs 3 ft | 30W | Max. 30W | 4500 | 5400 | ETL, DLC | P7CCURM1C |
| MRK2330-50K-PLUS | 50K | 2 pcs 3 ft | 30W | Max. 30W | 4500 | 5400 | ETL, DLC | PPI9AIZJ |
| MRK3330-30K-PLUS | 30K | 3 pcs 3 ft | 30W | Max. 30W | 4500 | 5400 | ETL | Contact Factory |
| MRK3330-35K-PLUS | 35K | 3 pcs 3 ft | 30W | Max. 30W | 4500 | 5400 | ETL | Contact Factory |
| MRK3330-40K-PLUS | 40K | 3 pcs 3 ft | 30W | Max. 30W | 4500 | 5400 | ETL | Contact Factory |
| MRK3330-50K-PLUS | 50K | 3 pcs 3 ft | 30W | Max. 30W | 4500 | 5400 | ETL | Contact Factory |
| MRK3340-30K-PLUS | 30K | 3 pcs 3 ft | 40W | Max. 40W | 6000 | 7200 | ETL | Contact Factory |
| MRK3340-35K-PLUS | 35K | 3 pcs 3 ft | 40W | Max. 40W | 6000 | 7200 | ETL | Contact Factory |
| MRK3340-40K-PLUS | 40K | 3 pcs 3 ft | 40W | Max. 40W | 6000 | 7200 | ETL | Contact Factory |
| MRK3340-50K-PLUS | 50K | 3 pcs 3 ft | 40W | Max. 40W | 6000 | 7200 | ETL | Contact Factory |

4 FOOT JOB PACK

150lm/W with frosted diffuser, 180 lm/W with no diffuser



DIMENSIONS

42.91" (L)

.75" (H)

.72" (W)

| PRODUCT NUMBER | COLOR TEMP | QTY/ LENGTH | DRIVER | WATTAGE | LUMENS W/ DIFFUSER | LUMENS W/O DIFFUSER | RATED | DLC CODE |
|------------------|------------|---------------|--------|----------|--------------------|---------------------|----------|-----------------|
| MRK1410-30K-PLUS | 30K | 1 pcs 4 ft | 10W | Max. 10W | 1500 | 1800 | ETL | Contact Factory |
| MRK1410-35K-PLUS | 35K | 1 pcs 4 ft | 10W | Max. 10W | 1500 | 1800 | ETL | Contact Factory |
| MRK1410-40K-PLUS | 40K | 1 pcs 4 ft | 10W | Max. 10W | 1500 | 1800 | ETL | Contact Factory |
| MRK1410-50K-PLUS | 50K | 1 pcs 4 ft | 10W | Max. 10W | 1500 | 1800 | ETL | Contact Factory |
| MRK1410-65K-PLUS | 65K | 1 pcs 4 ft | 10W | Max. 10W | 1500 | 1800 | ETL | Contact Factory |
| MRK1420-30K-PLUS | 30K | 1 pcs 4 ft | 20W | Max. 20W | 3000 | 3600 | ETL, DLC | P75WUTKZ |
| MRK1420-35K-PLUS | 35K | 1 pcs 4 ft | 20W | Max. 20W | 3000 | 3600 | ETL, DLC | PZZKCMP8 |
| MRK1420-40K-PLUS | 40K | 1 pcs 4 ft | 20W | Max. 20W | 3000 | 3600 | ETL, DLC | PRF5SDMU |
| MRK1420-50K-PLUS | 50K | 1 pcs 4 ft | 20W | Max. 20W | 3000 | 3600 | ETL, DLC | P2C8KVCF |
| MRK1420-65K-PLUS | 65K | 1 pcs 4 ft | 20W | Max. 20W | 3000 | 3600 | ETL | Contact Factory |
| MRK1430-30K-PLUS | 30K | 1 pcs 4 ft | 30W | Max. 30W | 4500 | 5400 | ETL, DLC | PZ7LRJ56 |
| MRK1430-35K-PLUS | 35K | 1 pcs 4 ft | 30W | Max. 30W | 4500 | 5400 | ETL, DLC | P67FX7RJ |
| MRK1430-40K-PLUS | 40K | 1 pcs 4 ft | 30W | Max. 30W | 4500 | 5400 | ETL, DLC | P3DWNTW4 |
| MRK1430-50K-PLUS | 50K | 1 pcs 4 ft | 30W | Max. 30W | 4500 | 5400 | ETL, DLC | P42W7265 |
| MRK1430-65K-PLUS | 65K | 1 pcs 4 ft | 30W | Max. 30W | 4500 | 5400 | ETL | Contact Factory |
| MRK2420-30K-PLUS | 30K | 2 pcs 4 ft | 20W | Max. 20W | 3000 | 3600 | ETL, DLC | PGQ0EQK2 |
| MRK2420-35K-PLUS | 35K | 2 pcs 4 ft | 20W | Max. 20W | 3000 | 3600 | ETL, DLC | POHLAPAY |
| MRK2420-40K-PLUS | 40K | 2 pcs 4 ft | 20W | Max. 20W | 3000 | 3600 | ETL, DLC | PHAZB93K |
| MRK2420-50K-PLUS | 50K | 2 pcs 4 ft | 20W | Max. 20W | 3000 | 3600 | ETL, DLC | PXMN72Q2 |
| MRK2420-65K-PLUS | 65K | 2 pcs 4 ft | 20W | Max. 20W | 3000 | 3600 | ETL | Contact Factory |
| MRK2430-30K-PLUS | 30K | 2 pcs 4 ft | 30W | Max. 30W | 4500 | 5400 | ETL, DLC | PISFUAC7 |
| MRK2430-35K-PLUS | 35K | 2 pcs 4 ft | 30W | Max. 30W | 4500 | 5400 | ETL, DLC | PNJF4OP3 |

4 FOOT JOB PACK

150lm/W with frosted diffuser, 180 lm/W with no diffuser

| PRODUCT NUMBER | COLOR TEMP | QTY/ LENGTH | DRIVER | WATTAGE | LUMENS W/ DIFFUSER | LUMENS W/O DIFFUSER | RATED | DLC CODE |
|------------------|------------|---------------|--------|----------|--------------------|---------------------|----------|-----------------|
| MRK2430-40K-PLUS | 40K | 2 pcs 4 ft | 30W | Max. 30W | 4500 | 5400 | ETL, DLC | PB4Q4RFV |
| MRK2430-30K-PLUS | 50K | 2 pcs 4 ft | 30W | Max. 30W | 4500 | 5400 | ETL, DLC | PGEUOTR9 |
| MRK2430-30K-PLUS | 65K | 2 pcs 4 ft | 30W | Max. 30W | 4500 | 5400 | ETL | Contact Factory |
| MRK2440-30K-PLUS | 30K | 2 pcs 4 ft | 40W | Max. 40W | 6000 | 7200 | ETL, DLC | PWJ33SEB |
| MRK2440-35K-PLUS | 35K | 2 pcs 4 ft | 40W | Max. 40W | 6000 | 7200 | ETL, DLC | PN0J8YOB |
| MRK2440-40K-PLUS | 40K | 2 pcs 4 ft | 40W | Max. 40W | 6000 | 7200 | ETL, DLC | P2MKG6JZ |
| MRK2440-50K-PLUS | 50K | 2 pcs 4 ft | 40W | Max. 40W | 6000 | 7200 | ETL, DLC | P2O7OJOJ |
| MRK2440-65K-PLUS | 65K | 2 pcs 4 ft | 40W | Max. 40W | 6000 | 7200 | ETL | Contact Factory |
| MRK2450-30K-PLUS | 30K | 2 pcs 4 ft | 50W | Max. 50W | 7500 | 9000 | ETL, DLC | P76FV6UM |
| MRK2450-35K-PLUS | 35K | 2 pcs 4 ft | 50W | Max. 50W | 7500 | 9000 | ETL, DLC | PVA8WU6F |
| MRK2450-40K-PLUS | 40K | 2 pcs 4 ft | 50W | Max. 50W | 7500 | 9000 | ETL, DLC | PX4C3OMS |
| MRK2450-50K-PLUS | 50K | 2 pcs 4 ft | 50W | Max. 50W | 7500 | 9000 | ETL, DLC | PK2X3KUZ |
| MRK2450-65K-PLUS | 65K | 2 pcs 4 ft | 50W | Max. 50W | 7500 | 9000 | ETL | Contact Factory |
| MRK3430-30K-PLUS | 30K | 3 pcs 4 ft | 30W | Max. 30W | 4500 | 5400 | ETL, DLC | PZR42NOJ |
| MRK3430-35K-PLUS | 35K | 3 pcs 4 ft | 30W | Max. 30W | 4500 | 5400 | ETL, DLC | PCD8USZR |
| MRK3430-40K-PLUS | 40K | 3 pcs 4 ft | 30W | Max. 30W | 4500 | 5400 | ETL, DLC | PMOY6JDU |
| MRK3430-50K-PLUS | 50K | 3 pcs 4 ft | 30W | Max. 30W | 4500 | 5400 | ETL, DLC | PAY0REXM |
| MRK3440-30K-PLUS | 30K | 3 pcs 4 ft | 40W | Max. 40W | 6000 | 7200 | ETL, DLC | PW73D6F3 |
| MRK3440-35K-PLUS | 35K | 3 pcs 4 ft | 40W | Max. 40W | 6000 | 7200 | ETL, DLC | P03FUA44 |
| MRK3440-40K-PLUS | 40K | 3 pcs 4 ft | 40W | Max. 40W | 6000 | 7200 | ETL, DLC | PK1QQOYX |
| MRK3440-50K-PLUS | 50K | 3 pcs 4 ft | 40W | Max. 40W | 6000 | 7200 | ETL, DLC | PUCPGSPA |
| MRK4440-30K-PLUS | 30K | 4 pcs 4 ft | 40W | Max. 40W | 6000 | 7200 | ETL, DLC | PE44Y96U |
| MRK4440-35K-PLUS | 35K | 4 pcs 4 ft | 40W | Max. 40W | 6000 | 7200 | ETL, DLC | PYHYJAGE |
| MRK4440-40K-PLUS | 40K | 4 pcs 4 ft | 40W | Max. 40W | 6000 | 7200 | ETL, DLC | P1MSI6G0 |
| MRK4440-50K-PLUS | 50K | 4 pcs 4 ft | 40W | Max. 40W | 6000 | 7200 | ETL, DLC | PSIG2V0I |
| MRK4450-30K-PLUS | 30K | 4 pcs 4 ft | 50W | Max. 50W | 7500 | 9000 | ETL, DLC | PRJZ9194 |
| MRK4450-35K-PLUS | 35K | 4 pcs 4 ft | 50W | Max. 50W | 7500 | 9000 | ETL, DLC | P3ZV7RA9 |
| MRK4450-40K-PLUS | 40K | 4 pcs 4 ft | 50W | Max. 50W | 7500 | 9000 | ETL, DLC | P1QGI99W |
| MRK4450-50K-PLUS | 50K | 4 pcs 4 ft | 50W | Max. 50W | 7500 | 9000 | ETL, DLC | PC3HGHX9 |

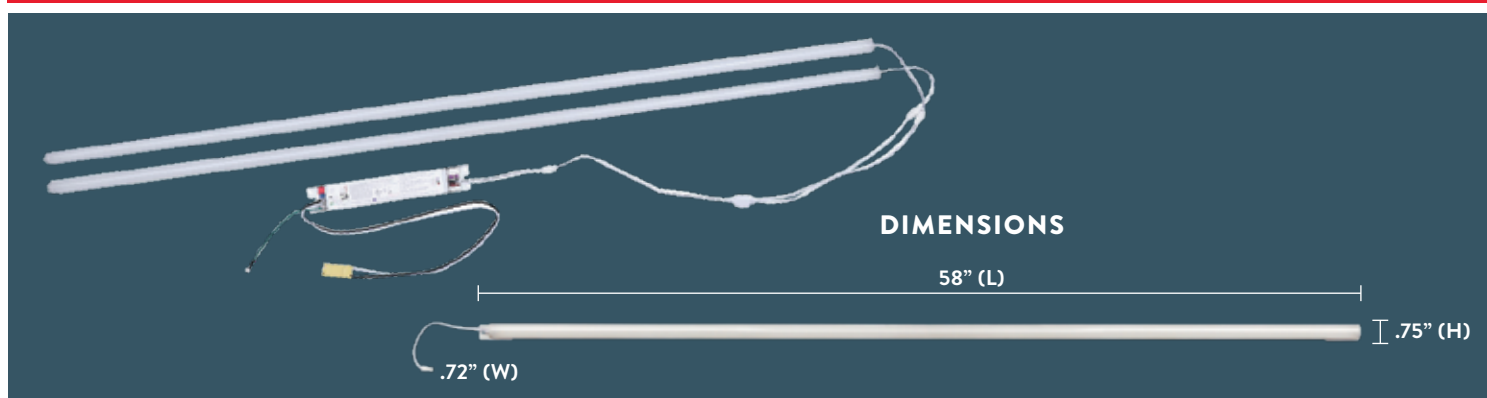
4 FOOT JOB PACK

150lm/W with frosted diffuser, 180 lm/W with no diffuser

| PRODUCT NUMBER | COLOR TEMP | QTY/ LENGTH | DRIVER | WATTAGE | LUMENS W/ DIFFUSER | LUMENS W/O DIFFUSER | RATED | DLC CODE |
|-------------------|------------|---------------|--------|-----------|--------------------|---------------------|----------|-----------------|
| MRK34100-30K-PLUS | 30K | 3 pcs 4 ft | 100W | Max. 100W | 15000 | 18000 | ETL | Contact Factory |
| MRK34100-30K-PLUS | 35K | 3 pcs 4 ft | 100W | Max. 100W | 15000 | 18000 | ETL | Contact Factory |
| MRK34100-30K-PLUS | 40K | 3 pcs 4 ft | 100W | Max. 100W | 15000 | 18000 | ETL | Contact Factory |
| MRK34100-50K-PLUS | 50K | 3 pcs 4 ft | 100W | Max. 100W | 15000 | 18000 | ETL | Contact Factory |
| MRK34100-65K-PLUS | 65K | 3 pcs 4 ft | 100W | Max. 100W | 15000 | 18000 | ETL | Contact Factory |
| MRK4460-30K-PLUS | 30K | 4 pcs 4 ft | 60W | Max. 60W | 9000 | 10800 | ETL | Contact Factory |
| MRK4460-30K-PLUS | 35K | 4 pcs 4 ft | 60W | Max. 60W | 9000 | 10800 | ETL | Contact Factory |
| MRK4460-40K-PLUS | 40K | 4 pcs 4 ft | 60W | Max. 60W | 9000 | 10800 | ETL | Contact Factory |
| MRK4460-50K-PLUS | 50K | 4 pcs 4 ft | 60W | Max. 60W | 9000 | 10800 | ETL | Contact Factory |
| MRK4460-65K-PLUS | 65K | 4 pcs 4 ft | 60W | Max. 60W | 9000 | 10800 | ETL | Contact Factory |
| MRK44100-30K-PLUS | 30K | 4 pcs 4 ft | 100W | Max. 100W | 15000 | 18000 | ETL, DLC | PE2HGFI |
| MRK44100-35K-PLUS | 35K | 4 pcs 4 ft | 100W | Max. 100W | 15000 | 18000 | ETL, DLC | PWJBMD4N |
| MRK44100-40K-PLUS | 40K | 4 pcs 4 ft | 100W | Max. 100W | 15000 | 18000 | ETL, DLC | P1WFL5YJ |
| MRK44100-50K-PLUS | 50K | 4 pcs 4 ft | 100W | Max. 100W | 15000 | 18000 | ETL, DLC | PPT5Q4U |
| MRK44100-65K-PLUS | 65K | 4 pcs 4 ft | 100W | Max. 100W | 15000 | 18000 | ETL | Contact Factory |

5 FOOT JOB PACK

150lm/W with frosted diffuser, 180 lm/W with no diffuser



| PRODUCT NUMBER | COLOR TEMP | QTY/ LENGTH | DRIVER | WATTAGE | LUMENS W/ DIFFUSER | LUMENS W/O DIFFUSER | RATED | DLC CODE |
|------------------|------------|---------------|--------|----------|--------------------|---------------------|-------|-----------------|
| MRK2540-30K-PLUS | 30K | 2 pcs 5 ft | 40W | Max. 40W | 6000 | 7200 | ETL | Contact Factory |
| MRK2540-35K-PLUS | 35K | 2 pcs 5 ft | 40W | Max. 40W | 6000 | 7200 | ETL | Contact Factory |
| MRK2540-40K-PLUS | 40K | 2 pcs 5 ft | 40W | Max. 40W | 6000 | 7200 | ETL | Contact Factory |
| MRK2540-50K-PLUS | 50K | 2 pcs 5 ft | 40W | Max. 40W | 6000 | 7200 | ETL | Contact Factory |

5 FOOT JOB PACK

150lm/W with frosted diffuser, 180 lm/W with no diffuser

| PRODUCT NUMBER | COLOR TEMP | QTY/ LENGTH | DRIVER | WATTAGE | LUMENS W/ DIFFUSER | LUMENS W/O DIFFUSER | RATED | DLC CODE |
|------------------|------------|---------------|--------|----------|--------------------|---------------------|-------|-----------------|
| MRK2550-30K-PLUS | 30K | 2 pcs 5 ft | 50W | Max. 50W | 7500 | 9000 | ETL | Contact Factory |
| MRK2550-35K-PLUS | 35K | 2 pcs 5 ft | 50W | Max. 50W | 7500 | 9000 | ETL | Contact Factory |
| MRK2550-40K-PLUS | 40K | 2 pcs 5 ft | 50W | Max. 50W | 7500 | 9000 | ETL | Contact Factory |
| MRK2550-50K-PLUS | 50K | 2 pcs 5 ft | 50W | Max. 50W | 7500 | 9000 | ETL | Contact Factory |

2 FOOT RETAIL KIT

150lm/W with frosted diffuser, 180 lm/W with no diffuser



| PRODUCT NUMBER | COLOR TEMP | QTY/ LENGTH | DRIVER | WATTAGE | LUMENS W/ DIFFUSER | LUMENS W/O DIFFUSER | RATED | DLC CODE | UPC BARCODE |
|---------------------|---------------|---------------|--------|----------|--------------------|---------------------|----------|----------|--------------|
| MRK2220-CSK-PLUS-RP | 35K, 40K, 50K | 2 pcs 2 ft | 20W | Max. 20W | 3000 | 3600 | ETL, DLC | PH6IV9OX | 080101407472 |
| MRK2230-CSK-PLUS-RP | 35K, 40K, 50K | 2 pcs 2 ft | 30W | Max. 30W | 4500 | 5400 | ETL, DLC | P6Q72IGJ | 080101408448 |

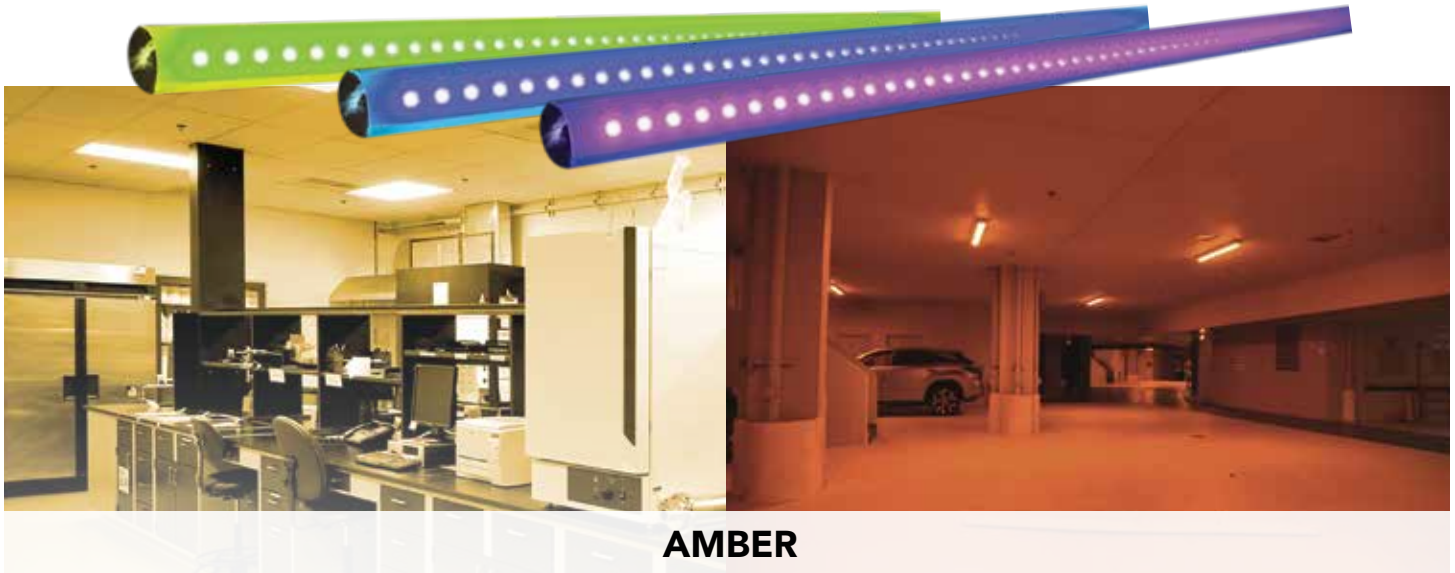
4 FOOT RETAIL KIT

150lm/W with frosted diffuser, 180 lm/W with no diffuser



| PRODUCT NUMBER | COLOR TEMP | QTY/ LENGTH | DRIVER | WATTAGE | LUMENS W/ DIFFUSER | LUMENS W/O DIFFUSER | RATED | DLC CODE | UPC BARCODE |
|---------------------|---------------|---------------|--------|----------|--------------------|---------------------|----------|----------|--------------|
| MRK2420-CSK-PLUS-RP | 35K, 40K, 50K | 2 pcs 4 ft | 20W | Max. 20W | 3000 | 3600 | ETL, DLC | PTML224Q | 080101408271 |
| MRK2430-CSK-PLUS-RP | 35K, 40K, 50K | 2 pcs 4 ft | 30W | Max. 30W | 4500 | 5400 | ETL, DLC | PDL8J2HO | 080101407922 |
| MRK2440-CSK-PLUS-RP | 35K, 40K, 50K | 2 pcs 4 ft | 40W | Max. 40W | 6000 | 7200 | ETL, DLC | P4S826L6 | 080101407977 |
| MRK2450-CSK-PLUS-RP | 35K, 40K, 50K | 2 pcs 4 ft | 50W | Max. 50W | 7500 | 9000 | ETL, DLC | S-KYTS7G | 080101408028 |

VIVID PALETTE OF COLORS JOB PACKS



AMBER

AMBER APPLICATIONS

Amber 585- orange decorative, clean rooms, photo-sensitive environments

Amber 586- turtle safety



BLACK LIGHT



BLUE

AVAILABLE IN 4 FOOT RETROFIT KIT (43") AND 2 FOOT RETROFIT KIT (21")

COLORS AVAILABLE

- Red, Black Light, Green, Yellow, Blue, Amber

LUMENS

- 150 lm/W with frosted diffuser
- 180 lm/W with no diffuser

2 FOOT KITS AVAILABLE

MRK2220 (20W Driver)

MRK3220 (20W Driver)

MRK 3230 (30W Driver)

MRK4230 (30W Driver)

4 FOOT KITS AVAILABLE

MRK2430 (30W Driver)

MRK2440 (40W Driver)

MRK3440 (40W Driver)

MRK3450 (50W Driver)

MRK4450 (50W Driver)

Sample Part Number: MRK2220-Red-Plus

EMERGENCY BACK-UP LED DRIVER

For all Magnilumen Retrofit Kits



FEATURES

- Wattages: 15W (stock)
- Voltage Input: 100-277V
- Battery: External Li-ion battery-14.8V/2000mAh
- Battery Charging Time: 24 hours
- Operating Temperature: 32 to 104F
- Indicator: Test switch and charging indicator light
- Emergency Time: 1.5 hours
- Warranty: 5 years



Installed with existing Magnilumen Plus Kit driver



Test Light

LUMENS:

15W x 150L with diffuser = 2,250 lumens

15W x 180L without diffuser = 2,700 lumens

SPECIFICATIONS:

| PRODUCT # | WATTAGES | DIMENSIONS (WxHxD) |
|-------------------|----------|--------------------|
| BL-EMRG-LED-15-1H | 15W | 7.4" x 1.5" x 1.1" |

BEK KIT (BACKUP EMERGENCY KIT) WITH MAGNILUMEN PLUS BOARD, EM DRIVER AND BATTERY

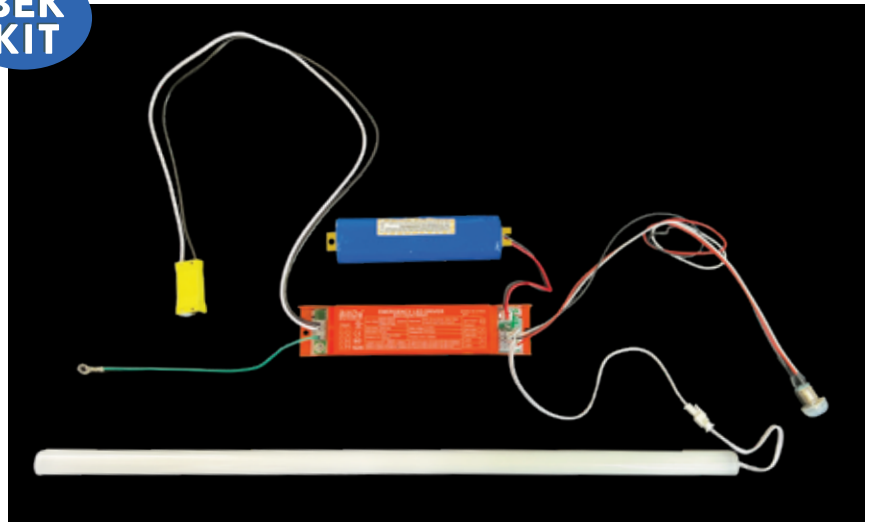
Stand alone emergency kit. Can be added to almost any fixture!

FEATURES

- Wattages: 15W
- Kit Lengths: 2' and 4'
- Voltage Input: 100-277V
- Color Temperatures: 35K, 40K, 50K
- Charge Time: 24 hour charge time
- Emergency Time: 90 minute charge
- Warranty: 5 years
- Kit Includes: Bar(s), EM driver, battery pack, harnesses, tech screws, and test button/green detector light.

Tech screws and whip for bar(s) also included.

**BEK
KIT**



LUMENS:

15W x 150L with diffuser = 2,250 lumens

15W x 180L without diffuser = 2,700 lumens

NOTES:

- Optional single bar kit or 2 bar kit available.
- Product may be installed in non-ZLEDLighting/Magnilumen Plus kits or drivers.

DISTRIBUTOR DISPLAY OPPORTUNITIES

FLOOR POP DISPLAY - LESS THAN 2X2' FOOTPRINT



ALL RETROFIT KITS INCLUDE

- 2 LED Boards
- Adjustable Driver for Multiple On-Board Wattage
- CSK Magnetic Mounted Switch for 35K, 40K, 50K
- Mounting Screws

Part #: MAG-POP-DISPLAY

GRAB & GO FOR CONTRACTORS

Holds 20 piece 4' kits and 8 piece 2' kits, available with retail packaged kits only.

Standard Kits: MRK2220-CSK-PLUS-RP, MRK2430-CSK-PLUS-RP

Other Wattage Kits Available: MRK2420-CSK-PLUS-RP, MRK2440-CSK-PLUS-RP, MRK2450-CSK-PLUS-RP, MRK-2230-CSK-PLUS-RP

All kits have 35K, 40K, 50K CSK inline switch.



WORKING 4' DISPLAY - INCLUDES 4" X 9" RACK & HOLDER



**Part #:
MAG-LIT-DISPLAY**

Makes Cove Lighting Easy and Illuminating

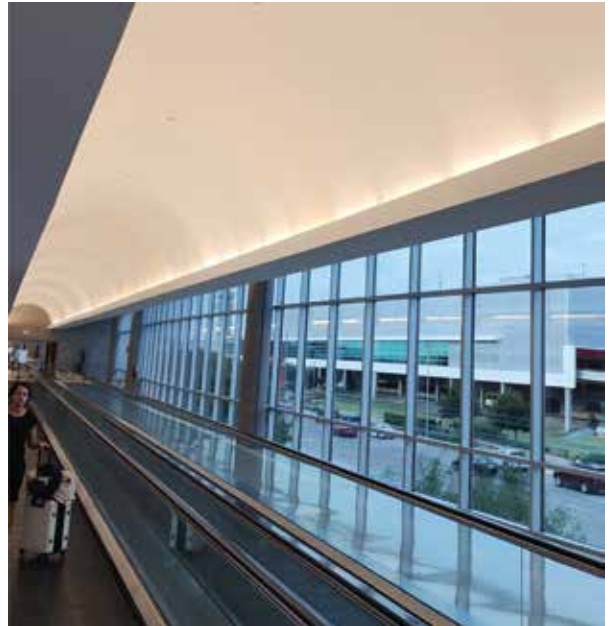
Cove Lighting is a form of indirect lighting typically built into ledges like crown molding, valences and cornices for windows, or any upper-wall recesses of a room. Light is directed up towards the ceiling and can be used as primary or ambient light. It is also commonly used as decorative lighting to accent a room or highlight particularly embellished ceilings.

Installing cove lighting is stress-free and easy when using Magnilumen Plus Retrofit Kits. Our boards give a seamless interlocking connection with no hot or dark spots. LED boards run in a series for each installation up to 32' from one driver.

PRODUCT FEATURES:

- **Wattages:** 30W maximum wattage per 4ft. board
- **Color Temperatures:** CSK: 30K, 35K, 40K
- **Voltage Input:** 120/277 VAC
- **Lengths:** 4ft. (47.75"); 3ft. (35.75"); 2ft. (23.75")
- **Lumens:** 150 lm/W with frost diffuser
180 lm/W without diffuser
- **CRI:** >83. Higher CRI available
- **Warranty:** 5 years

Any combinations of footage boards can be used in each run but must maintain the overall length of original kit if needed. Balancing the wattage and lumens per foot with our dip switch adjustable drivers is easy.



Fluorescent Bulbs leave gaps in lighting



Magnilumen Plus Cove Lighting creates a continuous flow of lighting. No gaps!

Interlocking ends make for an easy and straight fit.
(Locking boards is optional)



CSK switch on the harness allows for easy color temperature selection.

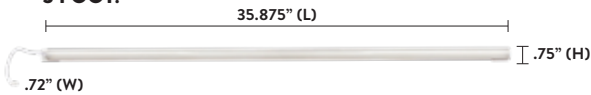


DIMENSIONS:

2 FOOT:



3 FOOT:



4 FOOT:



Through power allows for up to 32 feet (8 boards) of direct power with one driver. Based on selected wattage per foot.

Enclosures are available for drivers.



100W DRIVER ENCLOSURE (with two knockouts)

PN: MRK-100W-DRIVER-ENCLOSURE

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

20-60W DRIVER ENCLOSURE (with two knockouts)

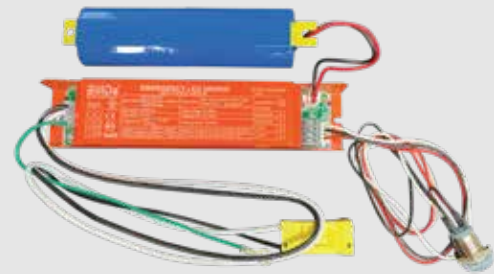
PN: MRK-20/60W-DRIVER-ENCLOSURE

DIMENSIONS: 12" (L) x 1.75" (W) x 1.3125" (D)

OPTIONS:

- A variety of magnets and harnesses are available

- Emergency Driver can be added for up to 8 feet



- PIR Sensor with aux. supply with remote.

PIR Sensor



PART NUMBER:
PIR-SENSOR-ANT-4A

Power Supply



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



Remote Control comes with sensor

MAGNETS

MAGNETS FOR DIRECTIONAL USE

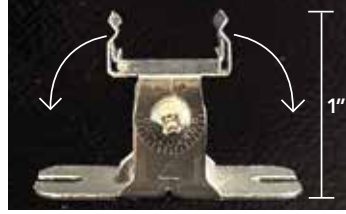
45 Degree Angle Magnet

PART NUMBER:
MAG-NO-HOOK-45DEG



Magnet with Hook (adjustable 0-180 degrees)

PART NUMBER:
MAG-HOOK-ADJUSTABLE



OPTIONAL MOUNTING MAGNETS AND HARDWARE

Magnet with Hook

PART NUMBER:
MAG-HOOK



Clip with No Magnet, No Hook

PART NUMBER:
NO-MAG-NO-HOOK



No Hook Magnet

PART NUMBER:
MAG-NO-HOOK



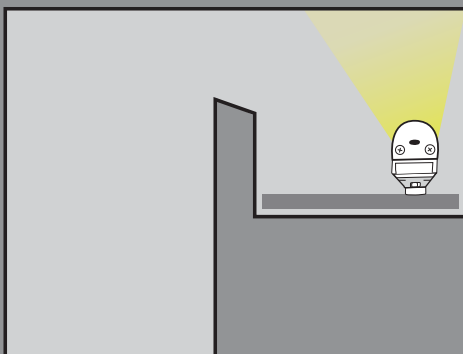
5W PER FOOT

| LENGTH | KIT PART NUMBER | LUMENS PER FOOT | MAGNETS INCLUDED |
|---------|------------------------|---------------------------------------|------------------|
| 8 feet | MRK2440-CSK-COVE-PLUS | 5Wx150=750 lumens per foot w/diffuser | 4 |
| 12 feet | MRK3460-CSK-COVE-PLUS | 5Wx150=750 lumens per foot w/diffuser | 6 |
| 16 feet | MRK4480-CSK-COVE-PLUS | 5Wx150=750 lumens per foot w/diffuser | 8 |
| 20 feet | MRK54100-CSK-COVE-PLUS | 5Wx150=750 lumens per foot w/diffuser | 10 |

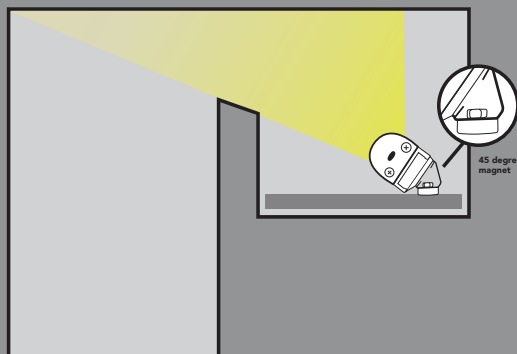
4W PER FOOT

| LENGTH | KIT PART NUMBER | LUMENS PER FOOT | MAGNETS INCLUDED |
|---------|-----------------------|---------------------------------------|------------------|
| 8 feet | MRK2432-CSK-COVE-PLUS | 4Wx150=600 lumens per foot w/diffuser | 4 |
| 12 feet | MRK3445-CSK-COVE-PLUS | 4Wx150=600 lumens per foot w/diffuser | 6 |
| 16 feet | MRK4460-CSK-COVE-PLUS | 4Wx150=600 lumens per foot w/diffuser | 8 |
| 20 feet | MRK5480-CSK-COVE-PLUS | 4Wx150=600 lumens per foot w/diffuser | 10 |
| 24 feet | MRK6495-CSK-COVE-PLUS | 4Wx150=600 lumens per foot w/diffuser | 12 |

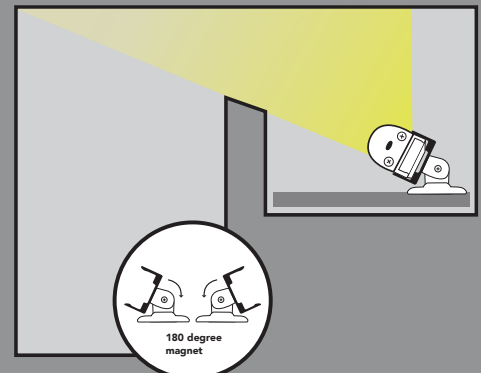
STANDARD MAGNET



45 DEGREE MAGNET



180° MAGNET





MAGNILUMEN PLUS™ IS THE PERFECT LED RETROFIT SOLUTION FOR 4FT. AND 8FT. INDUSTRIAL CHANNEL FIXTURES AND VAPOR TIGHTS.



8ft. T8, T12 or HO industrial channel replacement systems.



Vapor Tight

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

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 above 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.

MAGNIBLEND

A High CRI Color Temperature Blending Retrofit from the Creators of Magnilumen Plus



LED boards have either 30K/40K or 30K/50K chips installed in every other color temperature pattern.

High CRI Color Mixing (Kelvin) is your solution to have people, products and environments look “true to color” in a retail, classroom, or workplace that benefits both the shoppers, students and employees.

ZLEDLighting has added a special high CRI Kelvin blended LED retrofit board to add to its Magnilumen product line. Understanding that in some cases 3000K is too warm, 4000K is too cold and 3500K does not display the color pallets in a true way, ZLEDLighting has created a new Magnilumen Plus board call MagniBlend.



The two blends can widen the color pallets in the standard 35K or 40K environments, by mixing high CRI + with different kelvin temperature LED chips an in every other color temperature pattern. Once installed, you will not only save money on your energy cost, but your people, products and environments will show true colors and become much more appealing. This brings together the best of both worlds. The mixing brings out the full color spectrum while the 90 CRI adds a crispness to the colors.



Product Features:

- **Wattages:** 20W, 30W, 40W, 50W, 60W, 100W (selectable)
- **Color Blends:** 30/40K (35K equivalent)
30/50K (40K equivalent)
- **Lumens:** 130 lm/W with diffuser
150 lm/W without diffuser
- **Voltage Input:** 100-277VAC, 100-347VAC (special order)
- **Output Driver Voltage:** 27-42VDC
- **CRI:** 90+
- **Dimming:** 0-10VDC
- **Operating Temperature:** -40 - 122F
- **Surge Protection:** 2KV
- **Rated:** IP20 for damp location
- **Warranty:** 5 years
- **LM70 Rating:** 100,000 hours



MAGNIBLEND SPECIFICATIONS

JOB PACK - Magnetic LED Boards, selectable magnetic driver, 24" 2 or 3-way harness, and screws

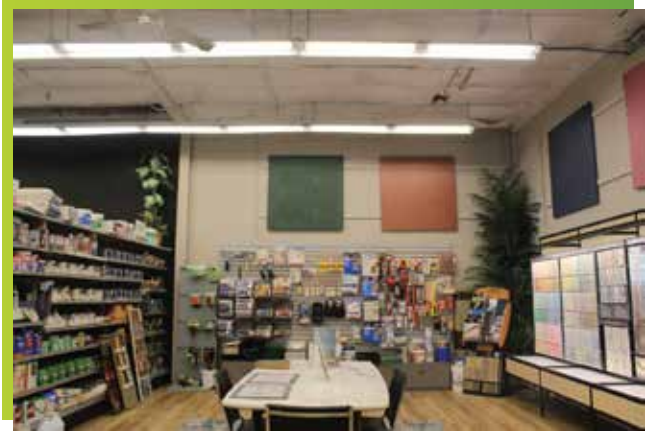
| MAGNIBLEND PRODUCT NUMBER | COLOR TEMPERATURE | BOARD QTY/LENGTH | DRIVER | WATTAGE | LUMENS W/ DIFFUSER | LUMENS W/O DIFFUSER | RATED |
|---------------------------|-------------------|------------------|--------|----------|--------------------|---------------------|-------|
| 30/40K | | | | | | | |
| MRK2220-30/40K-BLEND-PLUS | 30/40K | 2PCS 2ft | 20W | Max. 20W | 2600 | 3000 | ETL |
| MRK2230-30/40K-BLEND-PLUS | 30/40K | 2PCS 2ft | 30W | Max. 30W | 3900 | 4500 | ETL |
| MRK4240-30/40K-BLEND-PLUS | 30/40K | 4PCS 2ft | 40W | Max. 40W | 5200 | 6000 | ETL |
| MRK4250-30/40K-BLEND-PLUS | 30/40K | 4PCS 2ft | 50W | Max. 50W | 6500 | 7500 | ETL |
| MRK4260-30/40K-BLEND-PLUS | 30/40K | 4PCS 2ft | 60W | Max. 60W | 7800 | 9000 | ETL |
| 30/50K | | | | | | | |
| MRK2220-30/50K-BLEND-PLUS | 30/50K | 2PCS 2ft | 20W | Max. 20W | 2600 | 3000 | ETL |
| MRK2230-30/50K-BLEND-PLUS | 30/50K | 2PCS 2ft | 30W | Max. 30W | 3900 | 4500 | ETL |
| MRK4240-30/50K-BLEND-PLUS | 30/50K | 4PCS 2ft | 40W | Max. 40W | 5200 | 6000 | ETL |
| MRK4250-30/50K-BLEND-PLUS | 30/50K | 4PCS 2ft | 50W | Max. 50W | 6500 | 7500 | ETL |
| MRK4260-30/50K-BLEND-PLUS | 30/50K | 4PCS 2ft | 60W | Max. 60W | 7800 | 9000 | ETL |

JOB PACK - Magnetic LED Boards, selectable magnetic driver, 24" 2 or 3-way harness, and screws

| MAGNIBLEND PRODUCT NUMBER | COLOR TEMPERATURE | BOARD QTY/LENGTH | DRIVER | WATTAGE | LUMENS W/ DIFFUSER | LUMENS W/O DIFFUSER | RATED |
|----------------------------|-------------------|------------------|--------|-----------|--------------------|---------------------|-------|
| 30/40K | | | | | | | |
| MRK2420-30/40K-BLEND-PLUS | 30/40K | 2PCS 4ft | 20W | Max. 20W | 2600 | 3000 | ETL |
| MRK2430-30/40K-BLEND-PLUS | 30/40K | 2PCS 4ft | 30W | Max. 30W | 3900 | 4500 | ETL |
| MRK2440-30/40K-BLEND-PLUS | 30/40K | 2PCS 4ft | 40W | Max. 40W | 5200 | 6000 | ETL |
| MRK2450-30/40K-BLEND-PLUS | 30/40K | 2PCS 4ft | 50W | Max. 50W | 6500 | 7500 | ETL |
| MRK4460-30/40K-BLEND-PLUS | 30/40K | 4PCS 4ft | 60W | Max. 60W | 7800 | 9000 | ETL |
| MRK44100-30/40K-BLEND-PLUS | 30/40K | 4PCS 4ft | 100W | Max. 100W | 13000 | 15000 | ETL |
| 30/50K | | | | | | | |
| MRK2420-30/50K-BLEND-PLUS | 30/50K | 2PCS 4ft | 20W | Max. 20W | 2600 | 3000 | ETL |
| MRK2430-30/50K-BLEND-PLUS | 30/50K | 2PCS 4ft | 30W | Max. 30W | 3900 | 4500 | ETL |
| MRK2440-30/50K-BLEND-PLUS | 30/50K | 2PCS 4ft | 40W | Max. 40W | 5200 | 6000 | ETL |
| MRK2450-30/50K-BLEND-PLUS | 30/50K | 2PCS 4ft | 50W | Max. 50W | 6500 | 7500 | ETL |
| MRK4460-30/50K-BLEND-PLUS | 30/50K | 4PCS 4ft | 60W | Max. 60W | 7800 | 9000 | ETL |
| MRK44100-30/50K-BLEND-PLUS | 30/50K | 4PCS 4ft | 100W | Max. 100W | 13000 | 15000 | ETL |

MAGNIBLEND 30/40K MIX IS BEST FOR 35K ENVIRONMENT

- Clothing Retail
- Offices to the warmer environment
- Classrooms where a warm environment is needed



MAGNIBLEND 30/50K MIX IS BEST FOR 40K ENVIRONMENT

- Grocery, retail and pharmacy
- Offices to the cooler environment
- Classrooms standard color
- Assembly areas where true color rendering is important



Custom blends are available.
MOQ may apply.

ATLAS INTERIOR HOME FASHIONS



PROJECT BACKGROUND

For more than 90 years, Atlas Interior Home Fashions has been meeting the decorating needs of residential and commercial clients in South Jersey and beyond. They offer an incredible selection of wallcoverings, paint, flooring, window treatments, and custom furniture and have long-standing relationships with some of the most sought-after vendors in interior design. But after 90 years, the Atlas showroom needed a much deserved retrofit to showcase the true colors of the products they sell to their loyal customers.

SOLUTION

ZLEDLighting recently had the opportunity to design a retrofit lighting system to be installed at Atlas Paint and Wallpaper. Their challenge was the same as every other retailer: How can they have their products look true to color in their showroom? The timing was perfect as ZLEDLighting was already working on a special color temp LED retrofit board to add to its Magnilumen product line. Knowing that 3000K is too warm, 4000K is too cold and 3500K does not work, ZLEDLighting produced a new Magnilumen (Magniblend PCB Strips) LED board with both the 3000K and 4000K chips installed in a every other color temperature pattern and with a CRI of 90. Testing this board over wallpaper and paint chips proved to be a success as it brought out the Blue, Silver, Grey, Red and Brown in each product sample and showed the true colors of the products. Once installed in Atlas's showroom, the entire area and its products looked completely different, and the displayed products look true to color.