

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. The bars give a seamless interlocking connection with no hot or dark spots. LED bars run in a series for each installation up to 32' from one driver.



Fluorescent Bulbs create gaps in lighting

PRODUCT FEATURES:

- **Max Wattages:** 4ft: 30W; 3ft: 22W; 2ft: 15W, 1ft: 8W
- **Color Temperatures:** CSK: 30K, 35K, 40K
- **Voltage Input:** 120/277V
- **Lengths:** 4ft. (47.75"); 3ft. (35.75"); 2ft. (23.75")
- **Lumens:** 150 lm/W with lens
180 lm/W without lens
- **CRI:** >83. Higher CRI available
- **Warranty:** 5 year

Any combinations of bar lengths can be used in each run. Balancing the wattage and lumens per foot with our adjustable drivers is easy.



Magnilumen™ Plus Cove Lighting creates a continuous flow of lighting with no gaps!



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

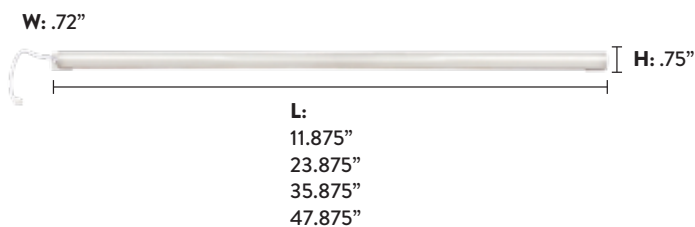


Through power allows for up to 32 feet (ex. 8 4ft. bars)
of direct power with one driver. Based on selected
wattage per foot.



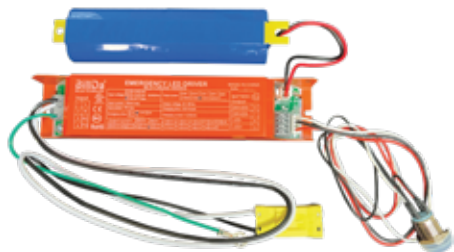
CSK switch on the harness allows for easy color
temperature selection.

DIMENSIONS



OPTIONS

EMERGENCY BACK-UP LED DRIVER



PART NUMBER:
BL-EMRG-LED-15-1H
BL-EMRG-LED-20-1H

Plug and Play To Magnilumen Plus™ Retrofit Kit 90 Minutes Minimum
Run time in Emergency Mode 2200L in Emergency Mode.

SENSORS/REMOTES

PIR Sensor



PART NUMBER:
ZL-MS-SENSOR-ANT-4A

OPTIONAL PART
BUILDER NUMBER: MS

Power Supply: 12-24VDC, >50mA
Dim Control Output: -10V, max. 25mA
sinking current
Mounting Height: 15ft (4.5m) max.
Detection Angle: 120°
Operating Temp: -20°C-70°C
IP Rating: IP20

Optional Remote: (Sold Separately)



PART NUMBER:
ZL-REMOTE-RC-105

Power Supply (Only required when using Non-AO Drivers)



PART NUMBER:
MUSP-12V-03-SW

MAGNETS

KITS INCLUDE TWO
45 DEGREE MAGNETS

45 Degree Angle Magnet

PART NUMBER:
MAG-NO-HOOK-45DEG



OPTIONAL MOUNTING MAGNETS AND HARDWARE

Magnet with Hook

PART NUMBER:
MAG-HOOK



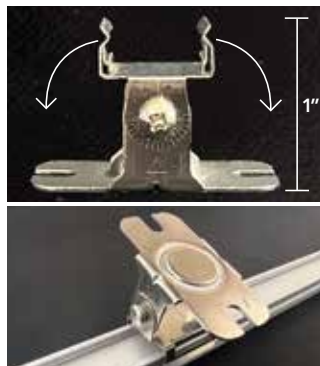
Clip with No Magnet, No Hook

PART NUMBER:
NO-MAG-NO-HOOK



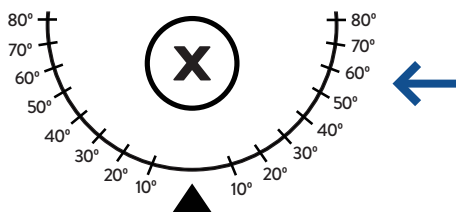
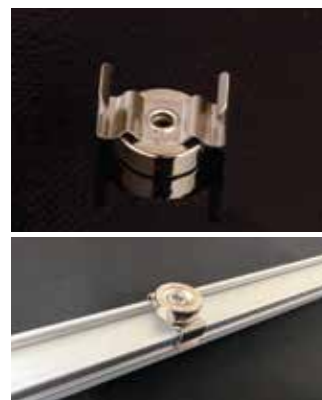
Magnet with Hook
(adjustable 0-180 degrees)

PART NUMBER:
MAG-HOOK-ADJUSTABLE

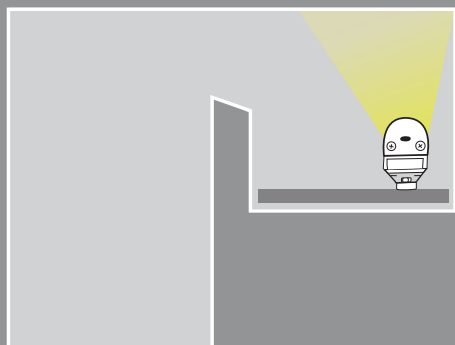


No Hook Magnet

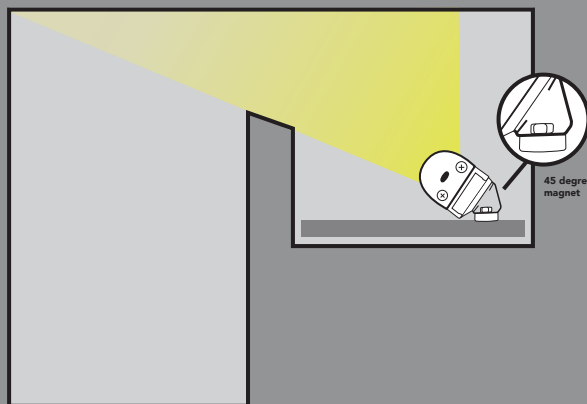
PART NUMBER:
MAG-NO-HOOK



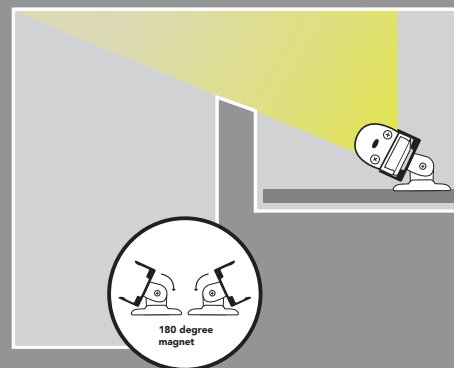
STANDARD MAGNET
(Optional)



45° MAGNET
(Magnets are included standard per bar)



180° MAGNET
(Optional)



DRIVER SPECIFICATIONS



FEATURES

- **Input Voltage:** 120/277V
- **Power Factor:** ≥ 0.9
- **Efficiency:** $\geq 88\%$
- **THD:** $\leq 10\%$
- **Dimming:** 27-42VDC
- **Dimming:** 0-10V
- **Flicker Index:** 0.001
- 7 Selectable Accurate Wattages By DIP Switch
- Adjustable Current By Potentiometer
- Warranty: 5 year
- Magnetic Backed For Easy Installation
- UL Class P Listed

MODEL NUMBER	DEFAULT WATTAGE
MRK-DRIVER-20W-2H-PLUS	20W
MRK-DRIVER-30W-2H-PLUS	30W
MRK-DRIVER-40W-2H-PLUS	40W
MRK-DRIVER-50W-2H-PLUS	50W
MRK-DRIVER-60W-2H-PLUS	60W
MRK-DRIVER-100W-4WH-PLUS	100W

OPTIONAL TRIAC DRIVERS

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

20W, 40W, 60W with DIP Switch (Triac, Forward Phase, MLV, ELV)

20W CONSTANT CURRENT DRIVER WITH DIP SWITCH

Input Voltage:
120/277V
Dimension:
6.28" x 1.69" x .78"



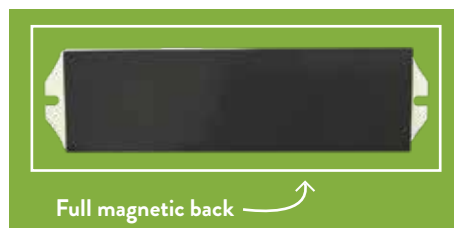
40W CONSTANT CURRENT DRIVER WITH DIP SWITCH

Input Voltage:
120/277V
Dimension:
6.75" x 2.12" x .78"



60W CONSTANT CURRENT DRIVER WITH DIP SWITCH

Input Voltage:
120/277V
Dimension:
7.58" x 2.44" x .94"



DRIVER SPECIFICATIONS



100W DRIVER ENCLOSURE (with two knockouts)

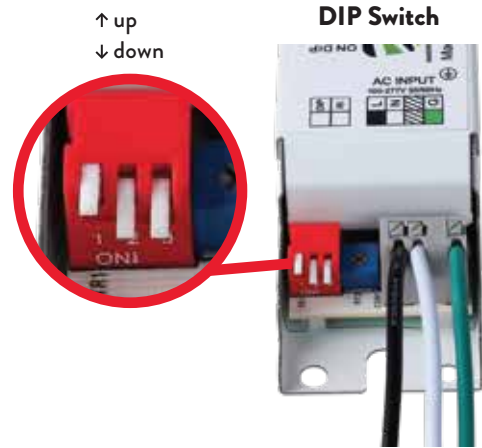
PN: MRK-100W-DRIVER-ENCLOSURE

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

COVE LIGHTING KIT CONFIGURATIONS BASED ON LUMENS PER FOOT

PART NUMBER	LENGTH	RUN WATTAGE	DRIVER WATTAGE	Magnilumen Cove Kit at Color Selectable = 3000/3500/4000K
5 WATTS PER FOOT (750 lumens per foot)				
MRK-COVE-6FT-5W-CSK-PLUS	6 ft	30	30	Two 3ft bars - 6ft long, 5W per ft
MRK-COVE-8FT-5W-CSK-PLUS	8 ft	40	40	Two 4ft bars - 8ft long, 5W per ft
MRK-COVE-10FT-5W-CSK-PLUS	10 ft	50	50	Two 4ft bars, One 2 ft bar - 10ft long, 5W per ft
MRK-COVE-12FT-5W-CSK-PLUS	12 ft	60	60	Three 4ft bars - 12ft long, 5W per ft
MRK-COVE-20FT-5W-CSK-PLUS	20 ft	100	100	Five 4ft bars - 20ft long, 5W per ft
4 WATTS PER FOOT (600 lumens per foot)				
MRK-COVE-6FT-4W-CSK-PLUS	6 ft	24	30	Two 3ft bars - 6ft long, 4W per ft
MRK-COVE-8FT-4W-CSK-PLUS	8 ft	32	40	Two 4ft bars - 8ft long, 4W per ft
MRK-COVE-10FT-4W-CSK-PLUS	10 ft	40	40	Two 4ft bars, 1 2ft bar - 10ft long, 4W per ft
MRK-COVE-12FT-4W-CSK-PLUS	12 ft	48	50	Three 4ft bars - 15ft long, 4W per ft
MRK-COVE-20FT-4W-CSK-PLUS	20 ft	80	100	Five 4ft bars - 20ft long, 4W per ft
MRK-COVE-25FT-4W-CSK-PLUS	25 ft	100	100	Four 4ft bars, Three 3ft bars - 25ft long, 4W per ft
3 WATTS PER FOOT (450 lumens per foot)				
MRK-COVE-6FT-3W-CSK-PLUS	6 ft	18	20	Two 3ft bars - 6ft long, 3W per ft
MRK-COVE-8FT-3W-CSK-PLUS	8 ft	24	30	Two 4ft bars - 8ft long, 3W per ft
MRK-COVE-10FT-3W-CSK-PLUS	10 ft	30	30	Two 4ft bars, One 2ft bar - 10ft long, 3W per ft
MRK-COVE-12FT-3W-CSK-PLUS	12 ft	36	40	Three 4ft bars - 12ft long, 3W per ft
MRK-COVE-15FT-3W-CSK-PLUS	25 ft	45	50	Three 4ft bars, One 3ft bar - 15ft long, 3W per ft
MRK-COVE-20FT-3W-CSK-PLUS	20 ft	60	60	Five 4ft bars - 20ft long, 3W per ft
MRK-COVE-25FT-3W-CSK-PLUS	35 ft	75	100	Four 4ft bars, Three 3ft bars - 25ft long, 3W per ft
MRK-COVE-30FT-3W-CSK-PLUS	30 ft	90	100	Seven 4ft bars, One 2ft bar - 30ft long, 3W per ft
2 WATTS PER FOOT (300 lumens per foot)				
MRK-COVE-6FT-2W-CSK-PLUS	6 ft	12	20	Two 4ft bars - 8ft long, 2W per ft
MRK-COVE-8FT-2W-CSK-PLUS	8 ft	16	20	Two 4ft bars - 8ft long, 2W per ft
MRK-COVE-10FT-2W-CSK-PLUS	10 ft	20	20	Two 4ft bars, One 2ft bar - 12ft long, 2W per ft
MRK-COVE-12FT-2W-CSK-PLUS	12 ft	24	30	Three 4ft bars - 15ft long, 2W per ft
MRK-COVE-20FT-2W-CSK-PLUS	20 ft	40	40	Five 4ft bars - 20ft long, 2W per ft
MRK-COVE-25FT-2W-CSK-PLUS	25 ft	50	50	Four 4ft bars, Three 3ft bars - 25ft long, 2W per ft
MRK-COVE-30FT-2W-CSK-PLUS	30 ft	60	60	Seven 4ft bars, One 2ft bar - 30ft long, 2W per ft
MRK-COVE-40FT-2W-CSK-PLUS	40 ft	80	100	Ten 4ft bars - 40ft long, 2W per ft
MRK-COVE-50FT-2W-CSK-PLUS	50 ft	100	100	Twelve 4ft bars, One 2 ft bar - 50ft long, 2W per ft

Custom lengths and configurations available. Consult factory.