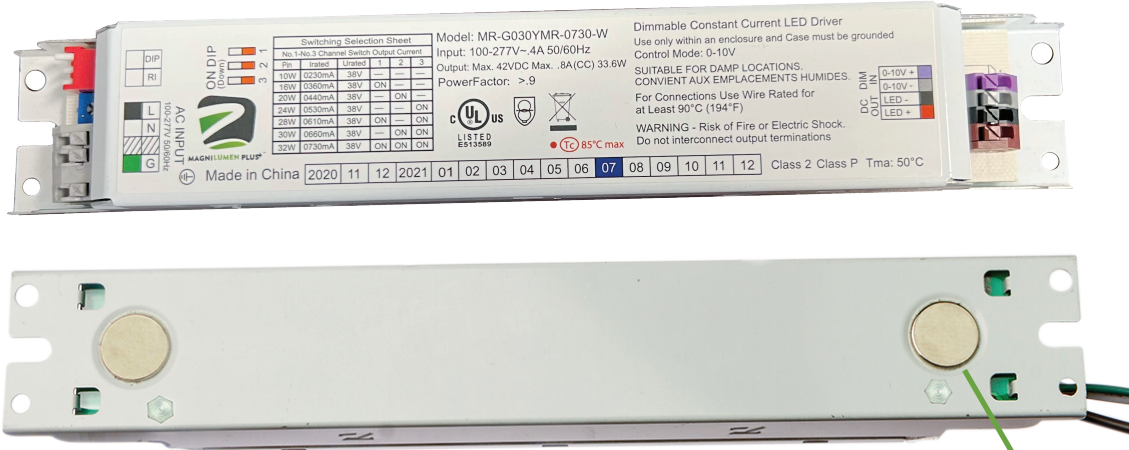


# Magnilumen Plus Driver Specifications



Rare Earth Magnetic Backed Driver



Dip Switch

## FEATURES

- Dimming: 0-10V/PWM/Resistance
- Dimming Flicker-Free
- Flicker Index: 0.001
- 7 Selectable Accurate Wattages by DIP switch
- Toolless wattage selectable option on driver via DIP switch
- Warranty: 7 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 ENCLOSURE



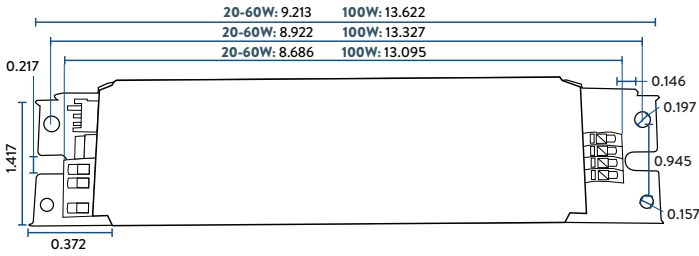
### 100W DRIVER ENCLOSURE

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

### 20-60W DRIVER ENCLOSURE

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

## DIMENSIONS



## 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

## 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.

## SUGGESTED FIXTURE LUMENS CHART FOR MAGNILUMEN PLUS RETROFITS

WATTAGES	150 lm/W with Frosted Lens		WATTAGES	170 lm/W with Clear Lens		WATTAGES	180 lm/W with No Lens	
	MAGNILUMEN PLUS	SUGGESTED FIXTURE		MAGNILUMEN PLUS	SUGGESTED FIXTURE		MAGNILUMEN PLUS	SUGGESTED FIXTURE
8W	1,200		8W	1,360		8W	1,440	
10W	1,500		10W	1,700		10W	1,800	
14W	2,100		14W	2,380		14W	2,520	
16W	2,400		16W	2,720		16W	2,880	
18W	2,700		18W	3,060		18W	3,240	
20W	3,000	2'x2'	20W	3,400	2'x2'	20W	3,600	2'x2'
22W	3,300		22W	3,740		22W	3,960	
24W	3,600		24W	4,080		24W	4,320	
25W	3,750		25W	4,250		25W	4,500	
28W	4,200		28W	4,760		28W	5,040	
30W	4,500		30W	5,100		30W	5,400	
32W	4,800	2'x4' (8-10')	32W	5,440	2'x4' (8-10')	32W	5,760	2'x4' (8-10')
34W	5,100		34W	5,780		34W	6,120	
35W	5,250		35W	5,950		35W	6,300	
38W	5,700		38W	6,460		38W	6,840	
40W	6,000	2'x4' (10' and above)	40W	6,800	2'x4' (10' and above)	40W	7,200	2'x4' (10' and above)
42W	6,300		42W	7,140		42W	7,560	
45W	6,750		45W	7,650		45W	8,100	
47W	7,050		47W	7,990		47W	8,460	
50W	7,500	Low Bay	50W	8,500	Low Bay	50W	9,000	Low Bay
52W	7,800		52W	8,840		52W	9,360	
55W	8,250		55W	9,350		55W	9,900	
57W	8,550		57W	9,690		57W	10,260	
60W	9,000		60W	10,200		60W	10,800	
62W	9,300		62W	10,540		62W	11,160	
65W	9,750		65W	11,050		65W	11,700	
70W	10,500		70W	11,900		70W	12,600	
75W	11,250		75W	12,750		75W	13,500	
85W	12,750		85W	14,450		85W	15,300	
90W	13,500		90W	15,300		90W	16,200	
95W	14,250		95W	16,150		95W	17,100	
100W	15,000	High Bay	100W	17,000	High Bay	100W	18,000	High Bay

These are suggested lumen fixture packages based upon photometrics and manufacturers experience. Vital decisions may vary based on actual criteria.