

DATE PROJECT FIRM TYPE

TROV FLEX MAGNETIC DRIVERS OFFER SUPERIOR LOW END DIMMING AND DURABILITY, THEY FEATURE OUTDOOR WET-LOCATION RATED ENCLOSURES. WITH 1/2" CONDUIT KNOCKOUTS FOR EASY INSTALLATIONS, INDOORS OR OUT. SMOOTH FLICKER-FREE DIMMING DOWN TO 0% LIGHT OUTPUT. DUAL INPUT TAPS WORK WITH 120V OR 277V MLV AND TRIAC DIMMERS. ROBUST DESIGN ENSURES LONG LIFE UNDER THE HARSHEST CONDITIONS.

FEATURES:

- FLICKER-FREE DIMMING DOWN TO 0% LIGHT OUTPUT
- OUTDOOR WET-LOCATION NEMA 3R RATED ENCLOSURES
- CLASS 2 POWER SUPPLIES
- 24VDC OUTPUT VOLTAGE
- 5-YEAR WARRANTY
- REGULATED TO ELIMINATE FLICKER
- MLV & TRIAC
- DUAL TAPS FOR 120V OR 277V INPUTS
- SUPERIOR LOW-END DIMMING CONTROL
- FULLY RATED TO SPECIFIED POWER OUTPUT



MAGNETIC ORDERING MODEL NUMBER

DRV-M-E-40W-120/277-SBC DRV-M-E-60W-120/277-SBC DRV-M-E-96W-120/277-SBC

DESCRIPTION

Driver, Magnetic, Exterior, MLV & TRIAC, 40W, 120/277V Dual Tap Driver, Magnetic, Exterior, MLV & TRIAC, 60W, 120/277V Dual Tap Driver, Magnetic, Exterior, MLV & TRIAC, 96W, 120/277V Dual Tap

MANUAL RESET BREAKERS, 40W = 2A, 60W = 3A, 96W = 4A

ELECTRICAL INPUT VOLTAGE

OUTPUT VOLTAGE PROTECTION

24VDC

120V OR 277V, 60HZ

POWER FACTOR

CONTROL

DIMMING

MLV & TRIAC

PHYSICAL

DIMENSIONS

(40W) 14-1/4" X 3" X 2-7/8" (60W) 14-1/4" X 3" X 2-7/8"

(96W) 14-3/4" X 4-5/16" X 4-13/16"

MOUNTING SURFACE OR RECESSED WITH #8 OR #10 HARDWARE

WEIGHT (40W) 5LBS., (60W) 5LBS., (90W) 8LBS. **ENVIRONMENT** WET LOCATION NEMA 3R RATED

OPERATING TEMPERATURE -4°F TO 122°F (-20°C TO°50 C)

RATINGS & CERTIFICATIONS

UL LISTED



LIMITED WARRANTY

5 YEARS

VOLTAGE DROP CHART - WIRE GAUGE NEEDED FOR WIRE LENGTH FROM FIXTURE TO DRIVER

Total Wattage per Fixture Run and Single Driver Output

Wire Gauge	10W .42 A	.83 A	30W 1.3 A	40W 1.7 A	50W 2.1 A	60W 2.5 A	70W 2.9 A	80W 3.3 A	90W 3.75 A	100W 4.2 A
20 AWG	85 ft.	43 ft.	27 ft.	21 ft.	17 ft.	14 ft.	12 ft.	11 ft.	9 ft.	8 ft.
18 AWG	134 ft.	68 ft.	45 ft.	33 ft.	27 ft.	22 ft.	19 ft.	17 ft.	15 ft.	14 ft.
16 AWG	215 ft.	109 ft.	72 ft.	54 ft.	43 ft.	36 ft.	31 ft.	27 ft.	24 ft.	22 ft.
14 AWG	345 ft.	174 ft.	115 ft.	86 ft.	69 ft.	57 ft.	49 ft.	43 ft.	39 ft.	36 ft.
12 AWG	539 ft.	272 ft.	181 ft.	135 ft.	108 ft.	90 ft.	77 ft	68 ft.	61 ft.	56 ft.
10 AWG	784 ft.	397 ft.	263 ft.	197 ft.	158 ft.	131 ft.	112 ft.	98 ft.	97 ft.	82 ft.



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PROJECT FIRM TYPE DATE

TROV FLEX ELECTRONIC DRIVERS ARE DESIGNED TO MEET THE NEEDS OF EVERY PROJECT, AND FEATURE OUTDOOR WET-LOCATION RATED ENCLOSURES WITH 1/2" CONDUIT KNOCKOUTS FOR EASY INSTALLATIONS, INDOORS OR OUT. SMOOTH FLICKER-FREE DIMMING DOWN TO 0% LIGHT OUTPUT-WITH INTEGRAL TRIAC, ELV, AND 0-10V DIMMING CONTROLS-ENABLING SIMPLE CONTROLLABILITY FOR MANY APPLICATIONS.

FEATURES:

- FLICKER-FREE DIMMING DOWN TO 0% LIGHT OUTPUT
- OUTDOOR WET-LOCATION IP66 RATED ENCLOSURES
- CLASS 2 POWER SUPPLIES
- 24VDC OUTPUT VOLTAGE
- 5-YEAR WARRANTY
- 0-10V. FLV. & TRIAC
- MULTI-VOLT 120-277V INPUT
- AUTO-RESET SHORT, OVERLOAD, AND THERMAL PROTECTION
- UL AND CE RATED
- FULLY RATED TO SPECIFIED POWER OUTPUT



ELECTRONIC ORDERING MODEL NUMBER

DRV-E10-E-40W-120-277-LTF DRV-E10-E-60W-120-277-LTF DRV-E10-E-96W-120-277-LTF

DESCRIPTION

Driver, Electronic, Exterior, O-10V & TRIAC & ELV, 40W, 120-277V Multi-Volt Driver, Electronic, Exterior, 0-10V & TRIAC & ELV, 60W, 120-277V Multi-Volt Driver, Electronic, Exterior, 0-10V & TRIAC & ELV, 96W, 120-277V Multi-Volt

90W

9 ft.

15 ft.

24 ft.

39 ft.

61 ft.

97 ft.

3.75 A

100W

4.2 A

8 ft.

14 ft.

22 ft.

36 ft.

56 ft.

82 ft.

ELECTRICAL INPUT VOLTAGE

OUTPUT VOLTAGE

PROTECTION

POWER FACTOR

(40W) 100-305V, 50/60HZ; (60W & 96W) 120-277V 50/60HZ

24VDC

AUTO-RESET SHORT, OVERLOAD, AND THERMAL PROTECTION

> 0.90

CONTROL DIMMING 0-10V, ELV, TRIAC

PHYSICAL MOUNTING SURFACE OR RECESSED WITH #8 OR #10 HARDWARE

> WEIGHT (40W) 2.0LBS., (60W) 2.3LBS., (90W) 3.2LBS.

ENVIRONMENT WET LOCATION NEMA 3R RATED **OPERATING TEMPERATURE** -4°F TO 122°F (-20°C TO°50 C)

69 ft.

108 ft.

158 ft.

57 ft.

90 ft.

131 ft.

RATINGS & **CERTIFICATIONS**

Wir

14 AWG

12 AWG

10 AWG

UL LISTED

CE AND ROHS COMPLIANT

115 ft.

181 ft.

263 ft.

LIMITED WARRANTY

5 YEARS

174 ft.

272 ft.

397 ft.

VOLTAGE DROP CHART - WIRE GAUGE NEEDED FOR WIRE LENGTH FROM FIXTURE TO DRIVER Total Wattage per Fixture Run and Single Driver Output

Wire Gauge	10W .42 A	20W .83 A	30W 1.3 A	40W 1.7 A	50W 2.1 A	60W 2.5 A	70W 2.9 A	80W 3.3 A
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16 AWG	215 ft.	109 ft.	72 ft.	54 ft.	43 ft.	36 ft.	31 ft.	27 ft.

86 ft.

135 ft.

197 ft.



345 ft.

539 ft.

784 ft.

49 ft.

77 ft

112 ft.

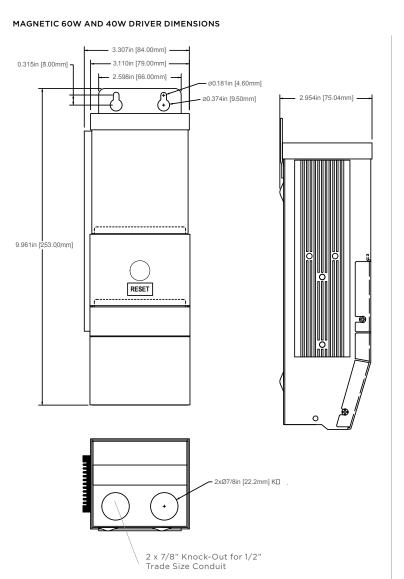
43 ft.

68 ft.

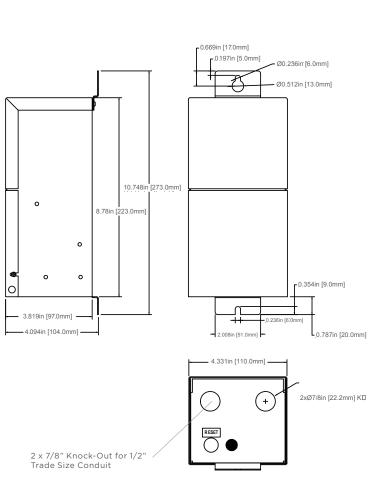
98 ft.



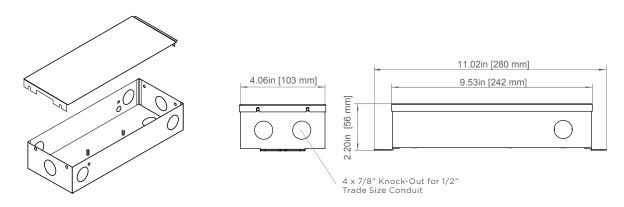
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MAGNETIC 96W DRIVER DIMENSIONS



ELECTRONIC 96W, 60W, AND 40W DRIVER DIMENSIONS WITH ENCLOSURE



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