OVERVIEW . SPECIFICATIONS . ORDERING

INTERNATIONAL ELECTRONIC DRIVER WITHOUT ENCLOSURE | TROV FLEX

DATE PROJECT TYPE

TROV FLEX INTERNATIONAL DRIVERS ARE OUTDOOR IP67 RATED. PWM MODELS OFFER SMOOTH FLICKER-FREE DIMMING DOWN TO 1% LIGHT OUTPUT. ELG MODELS OFFER LOWER COST ALTERNATIVES WHEN LOW END DIMMING IS NOT NEEDED. BOTH ARE OFFERED IN 0-10V AND DALI OPTIONS ENABLES SIMPLE CONTROLLABILITY FOR MANY APPLICATIONS. ROBUST DESIGN ENSURES LONG LIFE UNDER THE HARSHEST CONDITIONS.

FEATURES:

- FLICKER-FREE DIMMING DOWN TO 1% LIGHT OUTPUT (PWM MODEL ONLY)
- OUTDOOR IP67 RATED
- 0-10V AND DALI OPTIONS
- 24VDC OUTPUT VOLTAGE
- 5-YEAR WARRANTY
- MULTI-VOLT INPUT 90-305VAC(PWM) 100-305VAC(ELG)
- AUTO-RESET SHORT, OVERLOAD, AND THERMAL PROTECTION
- CE. CCC. AND ENEC RATED



ELECTRONIC ORDERING MODEL NUMBER

DRV-E10-E-100W-100-305-ELG DRV-DALI-E-100W-100-305-ELG DRV-E10-E-120W-90-305-PWM DRV-DALI-E-120W-90-305-PWM

DESCRIPTION

Driver, Electronic, Exterior, 0-10V, 100W, 100-305V Multi-Volt, CE Only Driver, Electronic, Exterior, DALI, 100W, 100-305V Multi-Volt, CE Only Driver, Electronic, Exterior, 0-10V, 120W, 90-305V Multi-Volt, CE Only Driver, Electronic, Exterior, DALI, 120W, 90-305V Multi-Volt, CE Only

ELG (100W) 100-305V, 50/60HZ; PWM (120W) 90-305V 50/60HZ

ELECTRICAL

INPUT VOLTAGE **OUTPUT VOLTAGE**

RATED POWER ELG (100W) = 96W@200-305V, 70W@100-180V; PWM (120W) = 120W@90-305V (FULLY RATED)

PROTECTION AUTO-RESET SHORT, OVERLOAD, AND THERMAL PROTECTION

POWER FACTOR > 0.90 THD <20%

CONTROL

DIMMING

0-10V, DALI

PHYSICAL

HOUSING MOUNTING

ELG (100W) ANODIZED ALUMINUM; PWM (120W) BLACK PLASTIC

SURFACE OR RECESSED WEIGHT ELG (100W) 1.50LBS (0.70KG); PWM (120W) 1.70LBS (0.80KG)

ENVIRONMENT IP67 RATED

OPERATING TEMPERATURE -40°F TO 122°F (-40°C TO 50°C)

RATINGS & CERTIFICATIONS **UL RECOGNIZED***

CB, CE, AND ROHS COMPLIANT

CCC. ENEC









*UL RECOGNIZED DRIVERS MUST BE INSTALLED INTO AN ENCLOSURE PER NEC REQUIREMENTS.

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	Outpu
				1	

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	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.



ECOSENSE LIGHTING INC. 837 NORTH SPRING STREET SUITE 103 LOS ANGELES, CA 90012

P • 310.496.6255

F • 310.496.6256

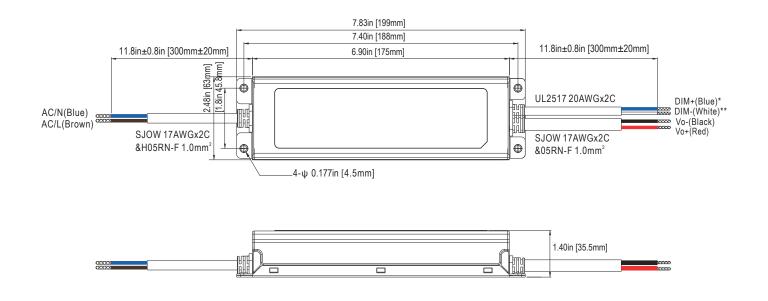
T • 855.632.6736 855.6.ECOSEN SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. VISIT ECOSENSELIGHTING.COM FOR THE MOST CURRENT SPECIFICATIONS. FOR A LIST OF PATENTS VISIT ECOSENSELIGHTING.COM/IP-PORTFOLIO/ ©2019 ECOSENSE LIGHTING INC. ALL RIGHTS RESERVED. ECOSENSE, THE ECOSENSE LOGO, TROV, TROV AND ECOSPEC ARE REGISTERED TRADEMARKS OF ECOSENSE LIGHTING INC.

RISE™, SLIM COVE™, FREEDOM TO CREATE™, MACRO™, FLIP-TO-FLAT™ ARE TRADEMARKS OF ECOSENSE LIGHTING INC.

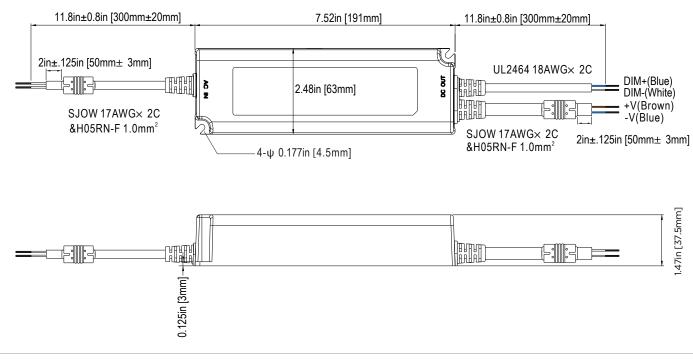


DATE PROJECT FIRM TYPE

INTERNATIONAL ELECTRONIC DRIVER WITHOUT ENCLOSURE- ELG (100W)



INTERNATIONAL ELECTRONIC DRIVER WITHOUT ENCLOSURE- PWM (120W)



T • 855.632.6736 855.6.ECOSEN