

# LED DRIVER WG11

Driver Series for 25-30W (Dimmable)

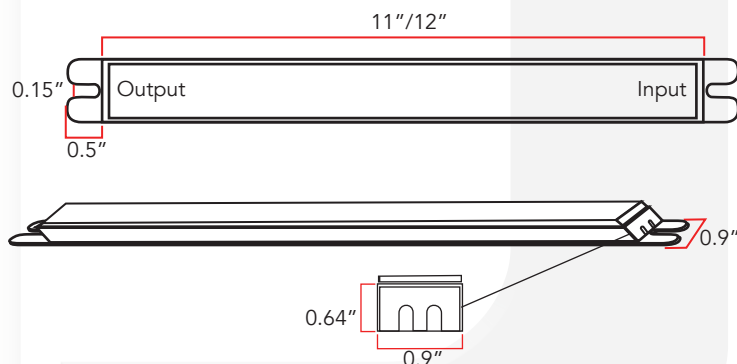


The LED Driver WG11 is suitable for 25-30W externally driven LED tube and strip applications.

**BUY HERE**



## DIMENSIONS



## FEATURES

- 0-10V Dimming
- Universal AC input with full range
- High efficiency up to 90%
- Protection: short circuit/over current/over voltage
- Cooling by free air convection
- Built-in constant current limiting circuit
- High reliability
- Compliance to worldwide safety regulation for lighting
- UL file number E360175

## COMMON TECHNICAL DATA

INPUT	
Voltage Range	100-277VAC
Frequency Range	50-60Hz
Power Factor	PF $\geq$ 0.98/120VAC, PF $\geq$ 0.90/277VAC (at full load)
AC Current	0.50A
Leakage Current	< 0.75mA/ 277VAC
Inrush Current	20A/277VAC
THD	< 20%

OUTPUT			
MODEL	ZY-DR-WG11-1	ZY-DR-WG11-2	ZY-DR-WG11-3
Output Channel	1 Channel (Dimmable)	1 Channel (Dimmable)	1 Channel (Dimmable)
Rated Current	700mA	600mA	650mA
DC Voltage	40V	40V	40V
Constant Current Region	30-40V	30-40V	30-40V
Rated Power	30W	25W	28W
Efficiency	91%		
Lifespan	50,000 Hours		
Current Accuracy	5%		
Line Regulation	1%		
Hold Up Time	30ms (at full load)		
Setup/Rise Time	3000ms (at full load)		

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## COMMON TECHNICAL DATA *(cont'd)*

PROTECTION	
Over Current	105-110% Protection type: Constant current limiting, recovers automatically after fault condition is removed
Short Current	Hiccup mode, recovers automatically after fault condition is removed
Over Voltage	105-125% Protection type: Shut down output voltage

ENVIROMENT	
Working Temperature	-20 to 40°C
Working Humidity	20-95% RH non-condensing
Storage Temperature, Humidity	-40 to 60°C, 10-95% RH
Temperature Coefficient	0.03% / °C (0-40°C)
Vibration	10-500Hz, 2G 12 Min. / 1 Cycle period for 72 min. each along X, Y, Z axes

## WIRING CONNECTION



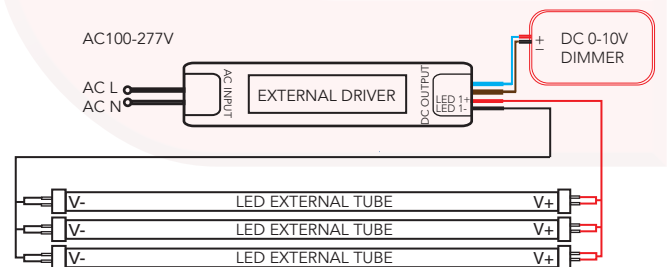
Wire Color	Assignment
Black	AC L
White	AC N

25-30W Driver Series	
Packing Size (inch)	15"x13.4"x4.7"
Quantity	30
Weight (KG)	9lbs.

Wire Color	Assignment
Blue	GNG
Brown	+ (0-10)
Red	LED1 +
Black	LED1 -

## APPLICATION

25-30W Series	Application Production	Model Name
ZY-DR-WG11-1	LED External Tube	ZY-T8-10W600 BODT
	LED External Tube	ZY-T8-10W900 BODT
	LED External Tube	ZY-T8-15W1200 BODT
	LED External Tube	ZY-T5-15W1200 BODT
	LED External Tube	ZY-T8-30W1200 BODT
	LED External Tube	ZY-T5-30W1200 BODT
ZY-DR-WG11-2	LED External Tube	ZY-T8-12W1200 BODT
	LED External Tube	ZY-T5-12W1200 BODT
	LED External Tube	ZY-T8-22W1200 BODT
	LED External Tube	ZY-T5-22W1200 BODT



\* Image shown is one driver for 3 tubes

Note: One driver for 1, 2 or 3 tubes