

# LED DRIVER WG01 SERIES

Driver Series for 10W-22W (Non-Dimmable)

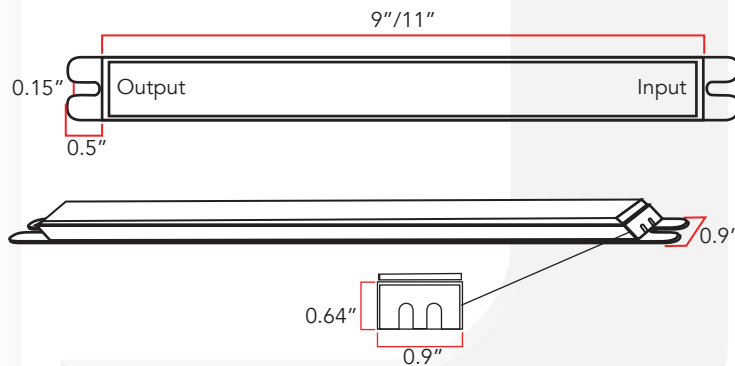


The LED Driver WG11 is suitable for 10W-22W externally driven LED tube and strip applications.

**BUY HERE**



## DIMENSIONS



## FEATURES

- Non-Dimmable
- 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	0.30A
Leakage Current	< 0.75mA/ 277VAC
Inrush Current	20A/277VAC
THD	< 20%

OUTPUT			
MODEL	ZY-DR-WG01-3	ZY-DR-WG01-1	ZY-DR-WG01-2
Output Channel	1 Channel (NON-Dimmable)	1 Channel (NON-Dimmable)	1 Channel (NON-Dimmable)
Rated Current	300mA	380mA	540mA
DC Voltage	36V	40V	40V
Constant Current Region	28-36V	30-40V	18W & 22W
Rated Power	10W	13W & 15W	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



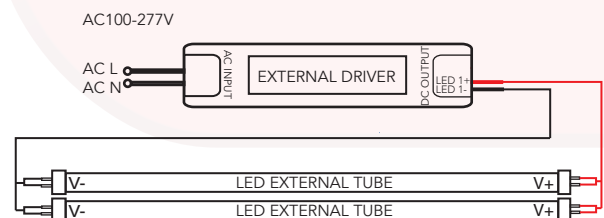
Wire Color	Assignment
Black	AC L
White	AC N

Wire Color	Assignment
Red	LED1 +
Black	LED1 -

## APPLICATION

ZY-DR-WG01-3	
Application Production	Model Name
LED External Tube	ZY-T8-10W600 BONT
LED External Tube	ZY-T8-10W900 BONT
LED External Tube	ZY-T8-15W1200 BONT
LED External Tube	ZY-T5-10W600 BONT
LED External Tube	ZY-T5-10W900 BONT
LED External Tube	ZY-T5-10W1200 BONT
LED Refrigeration	ZY-10W600 BONS
LED Refrigeration	ZY-10W900 BONS
LED Refrigeration	ZY-10W1200 BONS

ZY-DR-WG01-2	
Application Production	Model Name
LED External Tube	ZY-T8-18W1200 BONT
LED External Tube	ZY-T8-18W1500 BONT
LED External Tube	ZY-T8-22W1200 BONT
LED External Tube	ZY-T8-22W1200 BONT
LED External Tube	ZY-T8-18W1200 BONT
LED Refrigeration	ZY-18W1200 BONS
LED Refrigeration	ZY-22W1200 BONS
LED Refrigeration	ZY-20W-1500 BONS
LED Refrigeration	ZY-22W-1500 BONS
LED Refrigeration	ZY-22W-1800 BONS
LED External Tube	ZY-T5-10W600 BONT
LED External Tube	ZY-T5-10W900 BONT
LED External Tube	ZY-T8-10W600 BONT
LED External Tube	ZY-T8-10W900 BONT
LED Refrigeration	ZY-10W600 BONS
LED Refrigeration	ZY-10W900 BONS
LED Refrigeration	ZY-10W1200 BONS



Note: One driver for 1or 2 tubes

ZY-DR-WG01-1	
Application Production	Model Name
LED External Tube	ZY-T8-15W600 BONT
LED External Tube	ZY-T8-15W900 BONT
LED External Tube	ZY-T8-15W1200 BONT
LED External Tube	ZY-T5-15W600 BONT
LED External Tube	ZY-T5-15W900 BONT
LED External Tube	ZY-T5-15W1200 BONT
LED Refrigeration	ZY-15W600 BONS
LED Refrigeration	ZY-15W900 BONS
LED Refrigeration	ZY-15W1200 BONS