

Product feature

- 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
- Suitable for LED lighting and electronic screen applications
- Compliance to worldwide safety regulation for lighting
- UL Certificate



INPUT

VOLTAGE RANGE	Note.1	100~277Vac
FREQUENCY RANGE		50~60Hz
POWER FACTOR(Typ.)		PF ≥0.98/120Vac, PF ≥0.90/277Vac (at full load)
AC CURRENT(Max .)		0.50A
LEAKAGE CURRENT		<0.75mA / 277Vac
INRUSH CURRENT(Typ.)		20A/277Vac
THD		<20%

INPUT

MODEL	ZY-DR-WG02-2	ZY-DR-WG02-3	ZY-DR-WG02-1
OUTPUT CHANNEL	1 Channel	1 Channel	1 Channel
RATED CURRENT	600mA	650mA	700mA
DC VOLTAGE	40V	40V	40V
CONSTANT CURRENT REGION	30~40V	30~40V	30~40V
RATED POWER	25W	28W	30W
Efficiency	91%	91%	91%
Lifespan	50000 hours	50000 hours	50000 hours
CURRENT ACCURACY	5%		
LINE REGULATION	1%		
HOLD UP TIME (Typ)	30ms (at full load)		
SETUP, RISE TIME	3000mS (at full load)		

PROTECTION

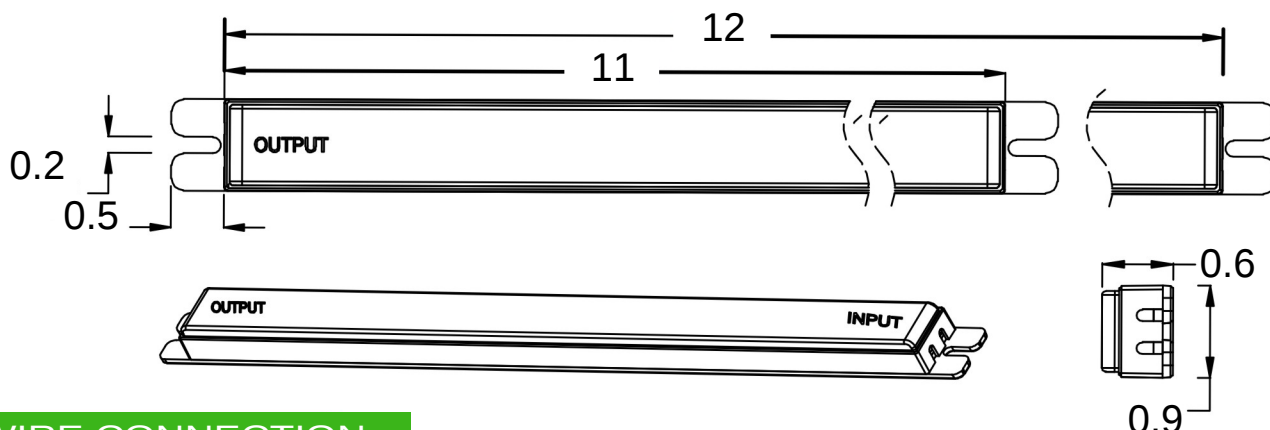
OVER CURRENT	105~110% Iout Protection type: Constant current limiting, recovers automatically after fault condition is removed
SHORT CIRCUIT	Hiccup mode , recovers automatically after fault condition is removed
OVER VOLTAGE	105~125% Protection type: Shut down output voltage

ENVIRONMENT

WORKING TEMP.	-20~+40°C / -4F ~ 104F
WORKING HUMIDITY	20-95%RH non-condensing
STORAGE TEMP., HUMIDITY	-40~+60°C, 10~95%RH / -40F ~ 140F
TEMP. COEFFICIENT	0.03%/°C(0 ~ 40°C) / 32F ~ 104F
VIBRATION	10~500Hz, 2G 12Min. / 1cycle, period for 72min. each along X、Y、Z axes

SPECIFICATION

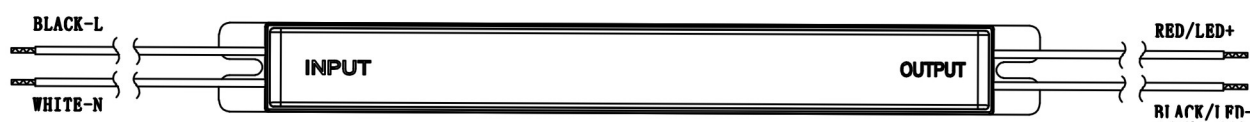
Unit: inch



WIRE CONNECTION

Wire Color	Assignment
Black	AC L
White	AC N

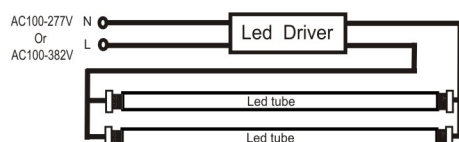
Wire Color	Assignment
Red	LED1+
Black	LED1-



APPLICATION

ZY-DR-WG02-2

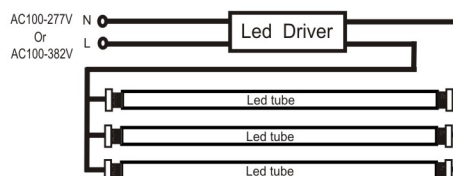
Item	Application Production	Model Name
1	LED Tube	ZY-T8-25W1200 BONT
2	LED Tube	ZY-T8-25W1500 BONT
3	LED Tube	ZY-T5-25W1200 BONT
4	LED Tube	ZY-T5-25W1500 BONT
5	LED Cooler Light	ZY-25W1800 BONS



One driver for two pieces of tubes

ZY-DR-WG02-3

Item	Application Production	Model Name
1	LED Tube	ZY-T8-28W1200 BONT
2	LED Tube	ZY-T8-28W1500 BONT
3	LED Tube	ZY-T8-28W1800 BONT
4	LED Tube	ZY-T5-28W1200 BONT
5	LED Cooler Light	ZY-28W1800 BONS
6	LED Tube	ZY-T8-13W1200 BONT



One driver for three pieces of tubes

ZY-DR-WG02-2

Item	Application Production	Model Name
1	LED Tube	ZY-T8-30W1200 BONT
2	LED Tube	ZY-T8-30W1500 BONT
3	LED Tube	ZY-T8-30W1800 BONT
4	LED Tube	ZY-T5-30W1200 BONT
5	LED Tube	ZY-T5-30W1500 BONT
6	LED Cooler Light	ZY-30W1800 BONS
7	LED Tube	ZY-T8-15W1200 BONT
8	LED Tube	ZY-T5-15W1200 BONT
9	LED Cooler Light	ZY-15W1200 BONS
10	LED Tube	ZY-T8-10W600 BONT
11	LED Tube	ZY-T8-10W900 BONT