

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	100~277VAC
FREQUENCY RANGE	50~60Hz
POWER FACTOR(Typ.)	PF ≥0.98/120VAC
AC CURRENT(Max .)	0.80A
LEAKAGE CURRENT	<0.75mA
INRUSH CURRENT(Typ.)	20A/277Vac
THD	<20%

INPUT

MODEL	ZY-DR-WG21-1	ZY-DR-WG21-3
Output Channel	1 Channel	1 Channel
Rated Currency	900mA	1000mA
DC Voltage	40V	40V
Input Voltage	AC100-277V	AC100-277V
Rated Power	36W	40W
Efficiency	91%	
Lifespan	50000 hours	
Current Accuracy	5%	
LINE REGULATION	1%	
HOLD UP TIME (Typ)	30ms (at full load)	
SETUP, RISE TIME	3000mS (at full load)	

PROTECTION

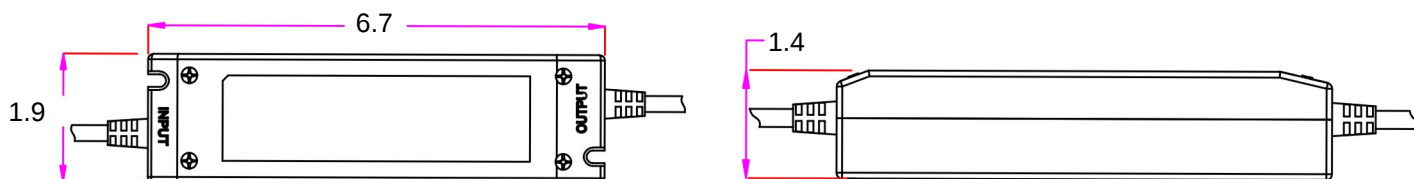
OVER CURRENT	105~110% Iout
	Protection type: Constant current limiting, recovers automatically after fault condition is removed
SHORT CIRCUIT	Hiccup mode , recovers automatically after fault condition is removed
OVER VOLTAGE	105~125%
	Protection type: Shut down output voltage

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

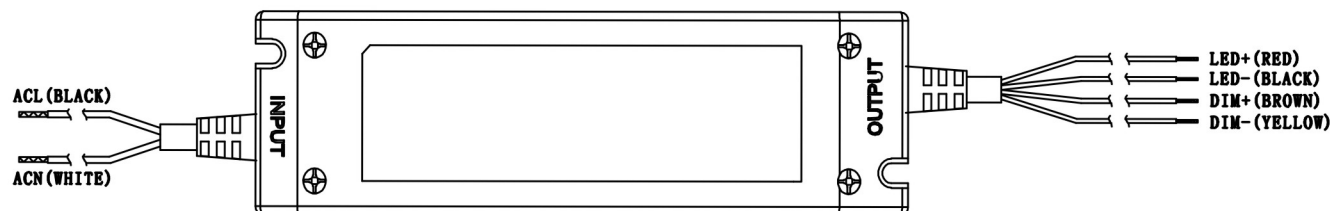
Unit: inch



WIRE CONNECTION

Wire Color	Assignment
Black	AC L
White	AC N

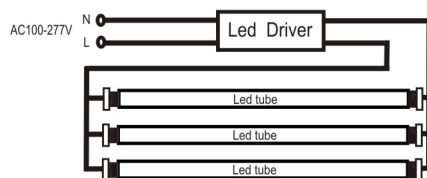
Wire Color	Assignment
Red	LED +
Black	LED -



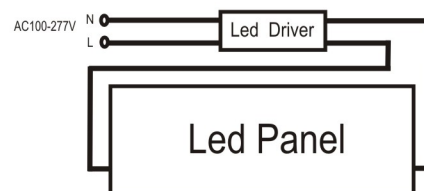
APPLICATION

ZY-DR-WG21-1

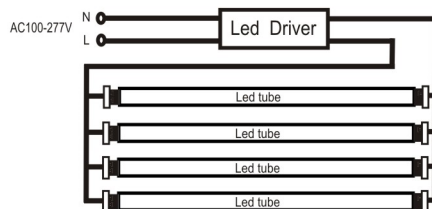
Item	Application Production	Model Name
1	LED Tube	ZY-T8-40W2400 BODT
2	LED Tube	ZY-T8-22W1200 BODT
3	LED Tube	ZY-T5-22W1200 BODT
4	LED Cooler Light	ZY-22W1200 BODS
5	LED Tube	ZY-T8-13W1200 BODT
6	LED Tube	ZY-T8-13W600 BODT
7	LED Tube	ZY-T8-13W900 BODT
8	LED Cooler Light	ZY-13W1200 BODS
9	LED Cooler Light	ZY-13W900 BODS
10	LED Tube	ZY-T8-10W600 BODT
11	LED Tube	ZY-T8-10W900 BODT
12	LED Cooler Light	ZY-10W1200 BODS
13	LED Cooler Light	ZY-10W900 BODS
14	LED Panel Light	ZY-P4-40W CDS
15	LED Panel Light	ZY-P1-40W CDS



One driver for three pieces of tubes



One driver for one piece of panel



One driver for four pieces of tubes