

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, PF ≥ 0.90/277VAC (at full load)
AC CURRENT(Max .)	1.0A
LEAKAGE CURRENT	<0.75mA
INRUSH CURRENT(Typ.)	20A/277Vac
THD	<20%

OUTPUT

MODEL	ZY-DR-WG18-3	ZY-DR-WG18-4	ZY-DR-WG19-6
Output Channel	1 Channel, Non Dimmable	1 Channel, Non Dimmable	1 Channel, Dimmable
Rated Current	1500mA	1500mA	1500mA
DC Voltage	28-40V	28-40V	28-40V
Input Voltage	AC100-382V	AC100-277V	AC100-277V
Rated Power	50W	50W	50W
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

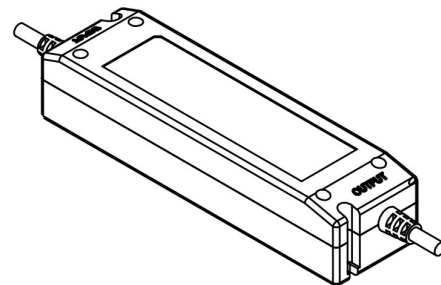
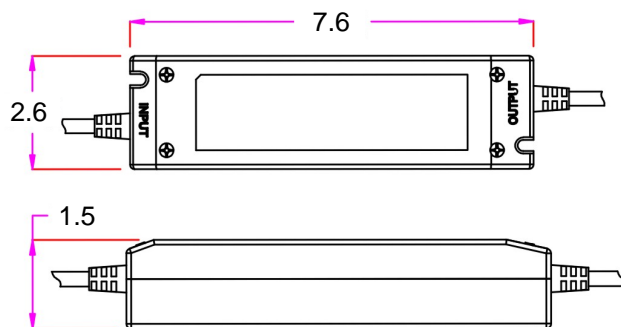
OVER CURRENT	105~110% Iout
	Protection type: Constant current limiting, recovers automatically after fault condition is removed
SHORT CIRCUIT	Hiccup mode , recovers automatically after fault condition is removed
OVER VOLTAGE	105~125%
	Protection type: Shut down output voltage

ENVIROMENT

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

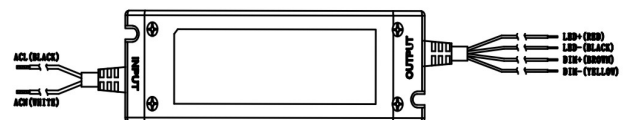
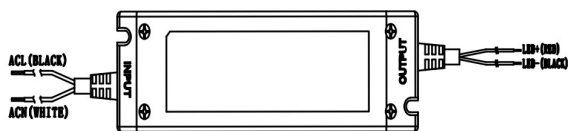


WIRE CONNECTION

Wire Color	Assignment
Black	AC L
White	AC N

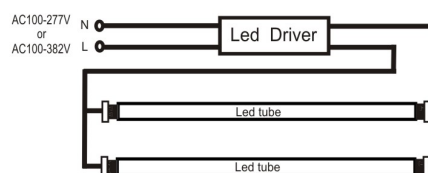
Packing Size (cm)	37X37X40
Quantity	100 pieces
Weight (KG)	22.5KG

Wire Color	Assignment
Red	LED +
Black	LED -

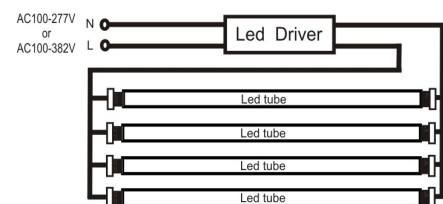


APPLICATION

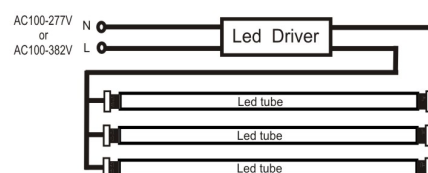
Item	Application Production	Model Name
1	LED Tube	ZY-T8-13W2400 BOYZ
2	LED Tube	ZY-T8-15W1800 BOYZ
3	LED Panel	ZY-P7-50W CNS
4	LED Panel	ZY-P7-50W CDS



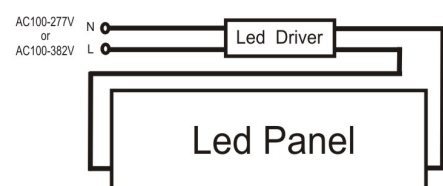
One driver for two pieces of tubes



One driver for four pieces of tubes



One driver for three pieces of tubes



One driver for one piece of panel