

LED DRIVER

ED-DR-WG01 Series



PRODUCT FEATURE

- Universal AC 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 application.
- Compliance to worldwide safety regulation for lighting.



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:	ED-DR-WG01-1	ED-DR-WG01-2	ED-DR-WG01-3
Rated Power:	10W	15W	22W
Outout Channel:	1 Channel	1 Channel	1 Channel
Rated Current:	300mA	380mA	540mA
DC Voltage:	36V	40V	40V
Constant Current Region:	28-36W	30-40W	30-40W
Efficiency:	91%	91%	91%
Life Span:	50,000 Hours	50,000 Hours	50,000 Hours
Current Accuracy:	5%		
Line Regulation:	1%		
Hold Up Time:	30ms (at full load)		
Setup, Rise Time:	300ms (at full load)		

PROTECTION

Over Current	105~110% Iout
	Constant current limiting recovers automatically after fault condition is revmoved
Short Circuit	Hiccup mode, Recovers automatically after fault condition is removed
Ovcer Voltage	105~125%
	Protection type: Shuts down output voltage

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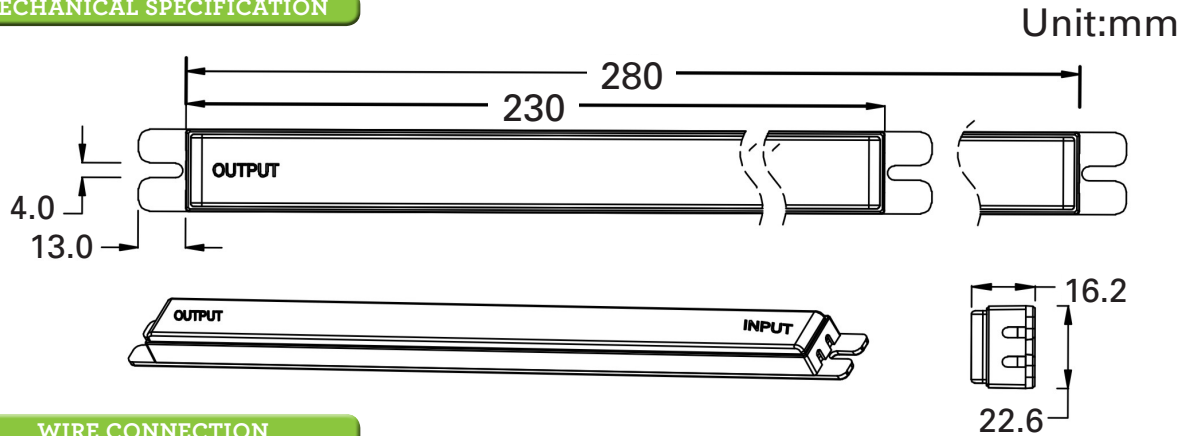
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ENVIRONMENT

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

MECHANICAL SPECIFICATION



WIRE CONNECTION

Wire Color	Assignment
Black	AC L
White	AC N

Packing Size (cm)	Weight (KG)	Quantity
38x34x12	4.00	30 pcs

Wire Color	Assignment
Red	LED1+
Black	LED1-



APPLICATION

ED-DR-WG01-1

Item	Application Production	Model Name	Quantity
1	T8 2ft LED Tube 10W	ED-T802-10W-EX-XXX	1Tube

ED-DR-WG01-2

Item	Application Production	Model Name	Quantity
1	T8 4ft LED Tube 15W	ED-T804-15W-EX-XXX	1Tube
2	T5 2ft LED Tube 15W	ED-T502-15W-EX-XXX	1Tube
3	T5 4ft LED Tube 15W	ED-T504-15W-EX-XXX	1Tube

ED-DR-WG01-3

Item	Application Production	Model Name	Quantity
1	T8 4ft LED Tube 18W	ED-T804-18W-EX-XXX	1Tube
2	T5 4ft LED Tube 22W	ED-T504-22W-EX-XXX	1Tube
3	T8 2ft LED Tube 10W	ED-T802-10W-EX-XXX	2Tube

