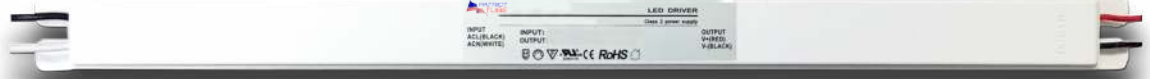




PROUDLY ASSEMBLED IN
USA

LED Driver WG-11

25W-30W | Dimmable



PRODUCT DESCRIPTION

The PATRIOT LED DRIVER WG-11 SERIES are suitable for external LED tube and strip applications.

FEATURES

Universal AC input with full range
Energy savings 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
UL listed

Voltage Range	100-277VAC
Frequency Range	50-60Hz
Power Factor	PF ≥ 0.98/120VAC, PF ≥ 0.90/277VAC (at full load)
AC Current	0.50A
Leakage Current	< 0.75mA/ 277VAC
Inrush Current	20A/277VAC
THD	< 20%

OUTPUT	PT -DR-WG11-1	PT-DR-WG11-2	PT -DR-WG11-3
MODEL	PT -DR-WG11-1	PT-DR-WG11-2	PT -DR-WG11-3
Output Channel	1 Channel	1 Channel	1 Channel
Rated Current	700mA	600mA	650mA
DC Voltage	40V	40V	40V
Constant Current Region	30-40V	30-40V	30-40V
Rated Power	30W	25W	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)		

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

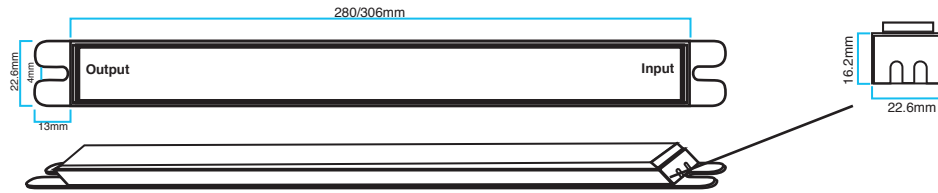
ENVIROMENT	
Working Temperature	-20 to 40°C
Working Humidity	20-95% RH non-condensing
Storage Temperature, Humidity	-40 to 60°C, 10-95% RH
Temperature Coefficient	0.03% / °C (0-40°C)
Vibration	10-500Hz, 2G 12 Min. / 1 Cycle period for 72 min. each along X, Y, Z axes



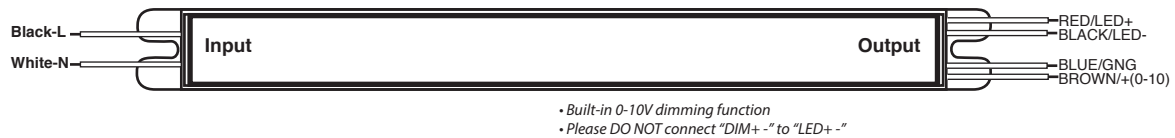
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MECHANICAL SPECIFICATION



WIRING CONNECTION



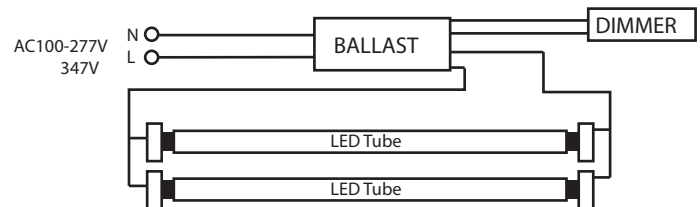
Wire Color	Assignment
Black	AC L
White	AC N

Packing Size (mm)	37x33x11
Quantity	30
Weight (KG)	7.20KG

Wire Color	Assignment
Blue	GNG
Brown	+(0-10)
Red	LED1 +
Black	LED1 -

APPLICATION

Model	Application Production	Model Name
PT-DR-WG11-1	LED External Tube	PT-T8OLT2-10W
PT-DR-WG11-1	LED External Tube	PT-T8OLT3-10W
PT-DR-WG11-1	LED External Tube	PT-T8OLT4-15W
PT-DR-WG11-1	LED External Tube	PT-T8OLT4-30W
PT-DR-WG11-2	LED External Tube	PT-T8OLT4-25W
PT-DR-WG11-3	LED External Tube	PT-T8OLT4-28W



Note: One driver for 1, 2 or 3 pieces of tubes.

REGULATORY & VOLUNTARY QUALIFICATIONS



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Home of the Patriot Tube