



## Electrical Specifications

### General Information

Item Number	*2743UT (51633)
Type	Constant Voltage
Output Power	60W (Max.)
Output Voltage	12V DC
Input	Universal (120-277V)

Find (NAED) as cross reference for new item number i.e. \*12345

### Environmental Specifications

Ambient Operating Temperature	-25 to 50 °C
Max. Case Temperature (Tc)	80°C
Storage Temp.	-25 to 60 °C
Max. Relative Humidity (%)	96% non-condensing
Surge Protection (KV)	ANSI C62.41 Cat A (2.5KV)
Vibration Rating	3G
Overvoltage Protection	Yes
Short Circuit Protection	Yes
Over-temperature Protection	Yes
UL Environmental Rating	Damp
IP Rating	IP64
EMI Compliance	FCC Part 15 Class A

### Input

Input Voltage (VAC)	120V-277V (+/- 10%)
Frequency Range (Hz)	50 - 60 Hz (+/- 10%)
Input Current (A)	0.60 @ 120V 0.26 @ 277V
Input Power (W)	71W
THD	< 20%
Power Factor	> 0.95
Inrush Current (A <sub>pk</sub> )	< 55A
Line Regulation	< 5%
Stand-by Power (W)	< 1.5W

### Output

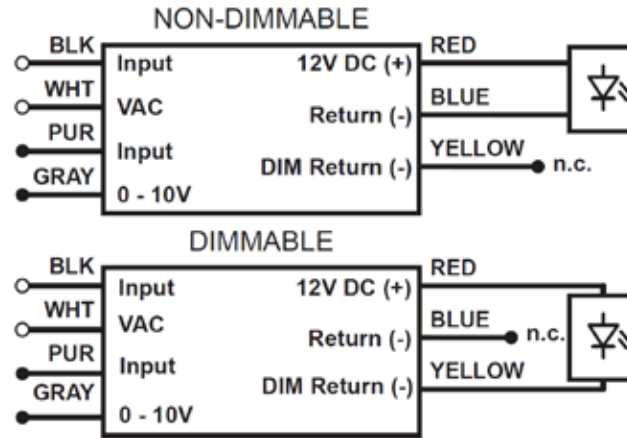
Output Voltage (VDC)	12V (+/- 5%)
Output Current (A)	0.1 - 5.0A
Output Ripple (V)	1V
Efficiency	>85% (Typical)
Load Regulation	<5%

### DIMMING

Dimming Control	0 - 10V
Dimming Range	10 - 100%
Dimming Type	PWM
Frequency	250Hz
Dimming Input Isolation	2.5KV

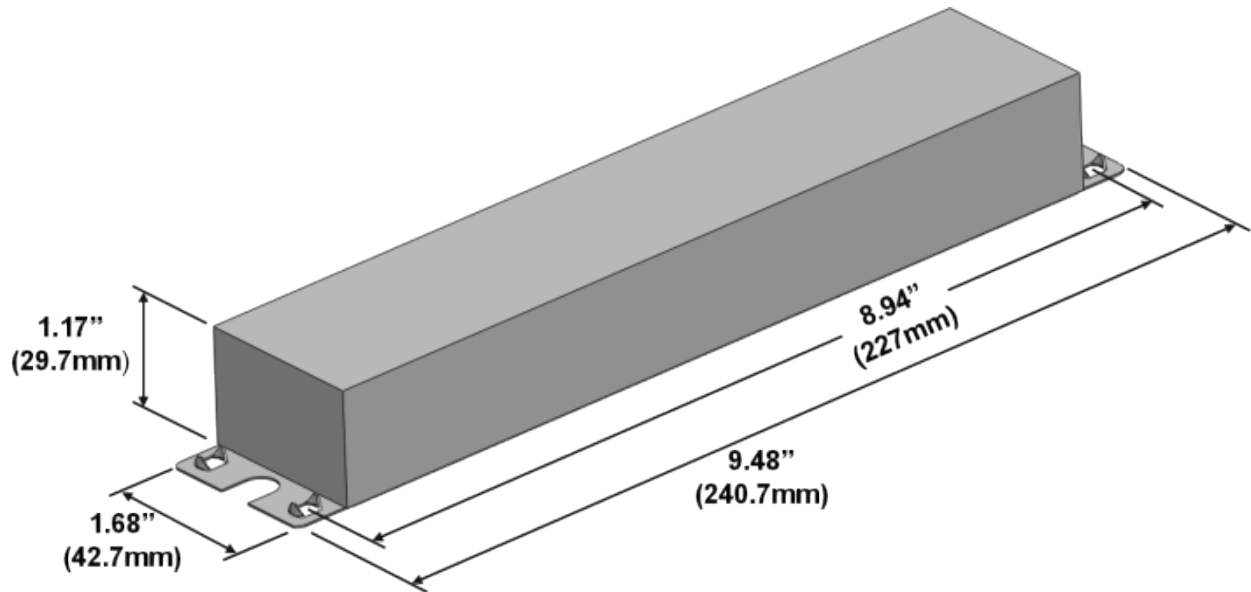


## Wiring Diagram



**Note:** For remote mounting distance limitations and EMI compliance requirements reference application note LED126.

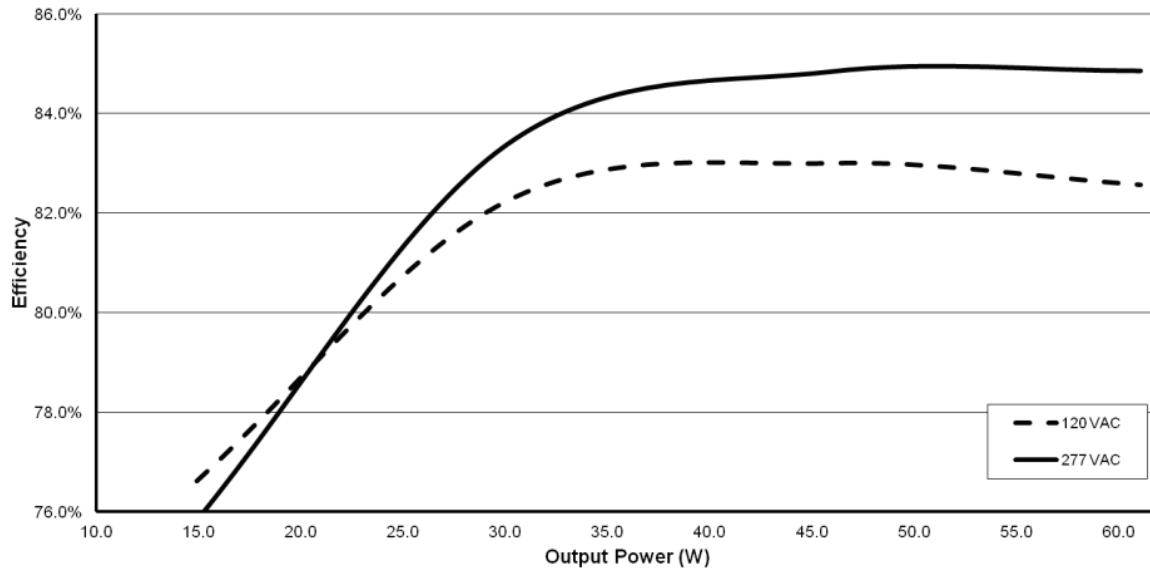
## Mechanical Diagram



<b>Wiring</b>	Leads Only
<b>Wire Gauge</b>	18AWG
<b>Input Wire</b>	6" (black & white)
<b>Output</b>	6" (red, blue & yellow)
<b>Dimming Input</b>	6" (purple & gray)

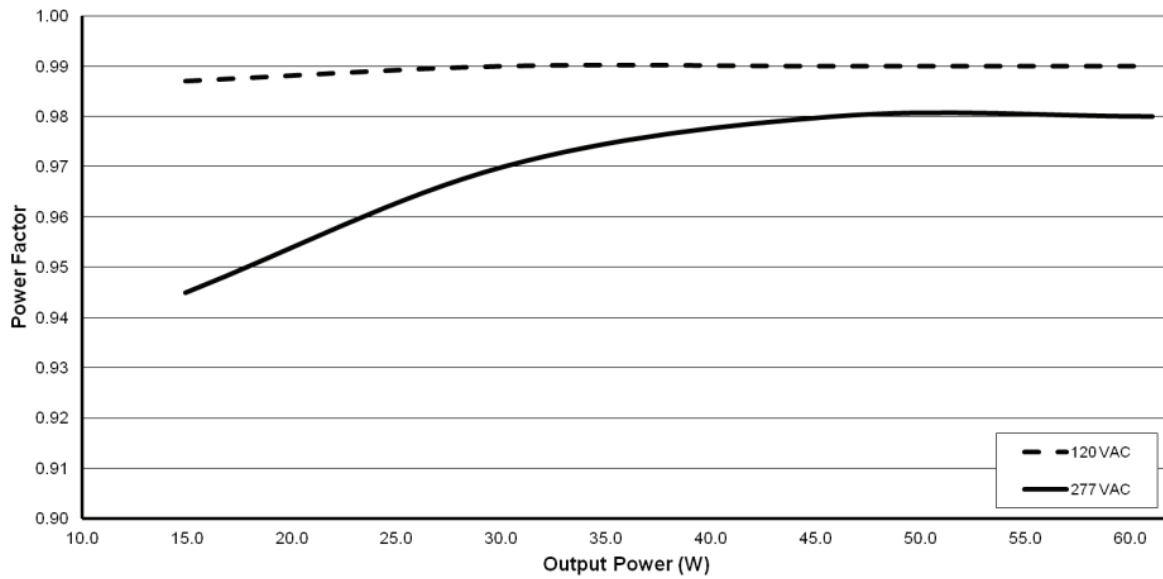
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## Typical Efficiency



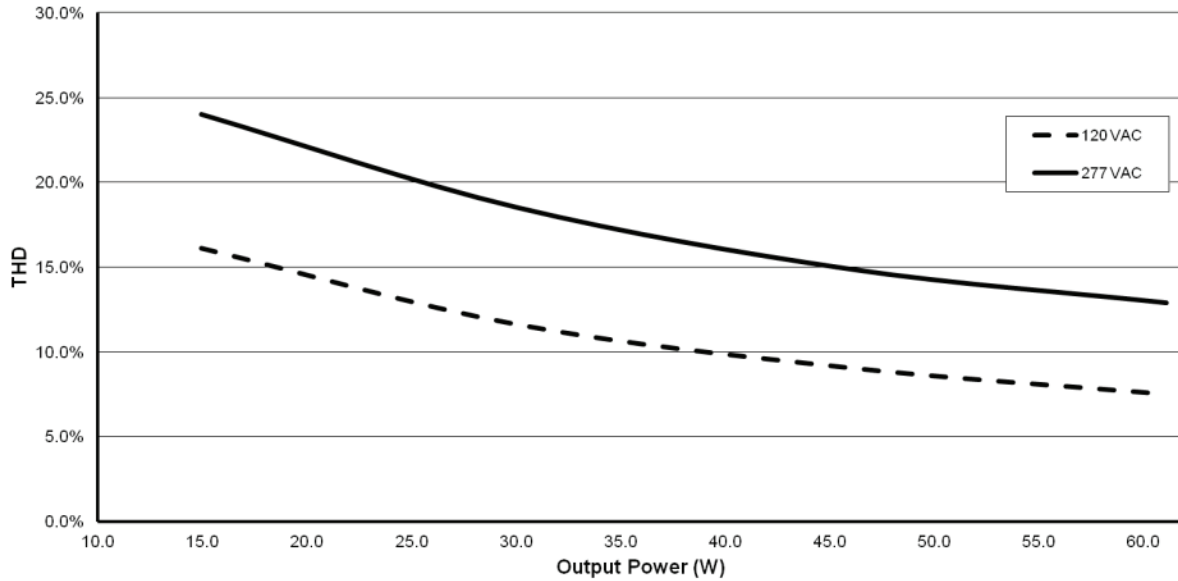
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## Typical Power Factor



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## Typical THD



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## Warranty

eldoLED OPTOTRONIC® Products are covered by a 5-year limited warranty.  
Complete warranty terms can be found at: [www.eldoled.com/legal/terms-and-conditions](http://www.eldoled.com/legal/terms-and-conditions)

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Specifications subject to change without notice. Actual performance may differ as a result of end-user environment and application.