

OPTOTRONIC Electronic 12VDC & 24VDC Constant Voltage

51633 / OT60W/12V/UNV/DIM



OPTOTRONIC constant voltage LED power supplies are available in a variety of sizes and are electronically stabilized. The wide range of input voltages on select models, from 120 to 277V_{AC}, enables worldwide use on single-phase AC power lines. These supplies are available with 12V_{DC} and 24V_{DC} outputs and are protected against open circuit, short circuit, overload and overheating conditions.



Product family features

- Wet and damp-rated designs available for use in outdoor applications
- Wide input voltage range: 120-277Vac (select models)
- Broad ambient temperature range for use in extreme application conditions
- Electronically stabilized output voltage with low-line ripple
- Integrated dimming (select models)
- Short circuit, overload and overheat protection for sustained performance
- High-power factor and efficiency
- Compact enclosures for variety of applications and fixture designs
- UL Class 2 output for safe operation
- Exceptional line and load regulation

Areas of application

- Ambience lighting inside furniture
- Backlighting, Effect lighting
- Compact installations
- General lighting, Panel lighting
- Low & medium power applications
- Path and roadway marking
- Signs, Step & seat marking
- Wall washing

Product datasheet

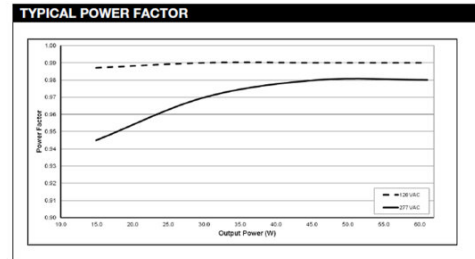
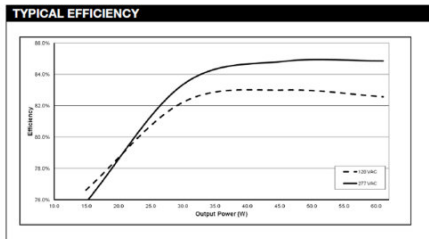
Technical data

General product information

Product Name	OT60W12VUNVDIM OSRAM 10/CS 1/SKU
Ordering Abbreviation	OT60W/12V/UNV/DIM
Brand Name	OSRAM
Family Brand Name	OPTOTRONIC
General Description	60W 12V Dimmable Constant Voltage LED Power supply. Dimmable with 0-10Vtype dimmers
Product Remark	<ul style="list-style-type: none">- Install in accordance with National Electric Codes- Class A Sound Rating.- Input Frequency: 50/60Hz.- Damp and dry location rated- UL recognized Class 2 Power Supply- UL 1310 recognized- UL 48 recognized
Product Number	51633

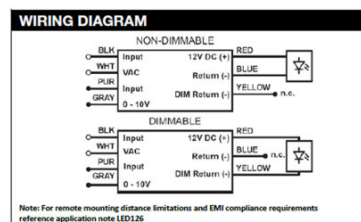
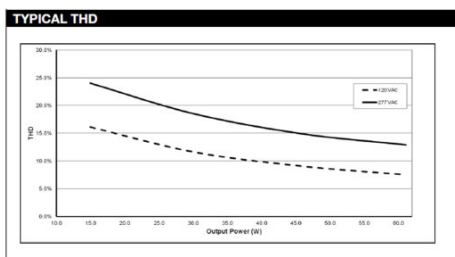
Electrical data

Nominal Total Max Wattage	71 W
Power Factor	>0.95
Input Wattage 1	60.00 W
Nominal Voltage	120-277 V



51633 - OT60 Constant Voltage 12V Typical Efficiency

51633 - OT60 Constant Voltage 12V Typical Power Factor



51633 - OT60 Constant Voltage 12V Typical THD

51633 - OT60 Constant Voltage 12V Wiring Diagram

Dimensions & weight

Ballast Height (in)	1.17 in
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Product datasheet

Ballast Length (in)	9.48 in
Ballast Width (in)	1.68 in

Temperatures & operating conditions

Maximum Case Temperature	80C
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Additional product data

Primary Lamp Type	12V LED MODULES
Sound Rating	A
Total Harmonic Distortion (THD)	>20%

Light management & control

Control Setting	0-10V
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Electrical specifications - Input

Inrush Current (Apk, T@50% of Apk) 120V	< 55A
Inrush Current (Apk, T@50% of Apk) 277V	< 55A

Packaging Information

Item number	EAN/UPC	Packaging	Quantity	Outside dimensions L x w x h	Gross weight
51633	4008321758828	Unpacked (SKU)	1		1.4 lb
51633	4008321740472	Shipping box (Case)	10	10.3 in x 10.3 in x 4.7 in	15 lb

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Disclaimer

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