

OPTOTRONIC Electronic 12VDC & 24VDC Constant Voltage

51520 / OT96W/24V/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

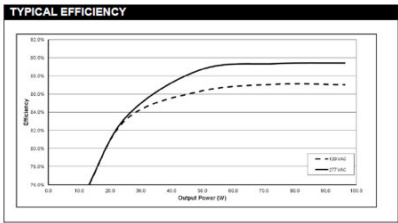
Technical data

General product information

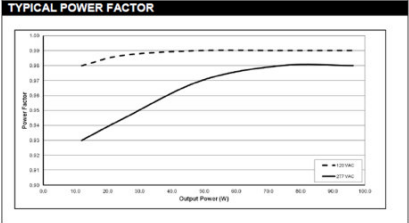
Product Name	OT96W24VUNVDIM 10/CS 1/SKU
Ordering Abbreviation	OT96W/24V/UNV/DIM
Brand Name	OSRAM
Family Brand Name	OPTOTRONIC
General Description	96-Watt, 24-Volt LED power supply, 0-10V dimmable
Product Remark	<div><div></div><div><ul style="list-style-type: none">– Install in accordance with National Electric Codes– Class A Sound Rating.– Input Frequency: 50/60Hz.– Damp and dry location rated– UL recognized Class 2 Power Supply– UL 1310 recognized</div></div>
Product Number	51520

Electrical data

Nominal Total Max Wattage	100 W
Power Factor	> 0.95
Nominal Voltage	120-277 V

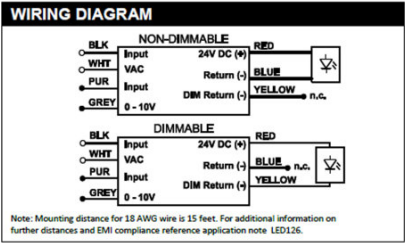
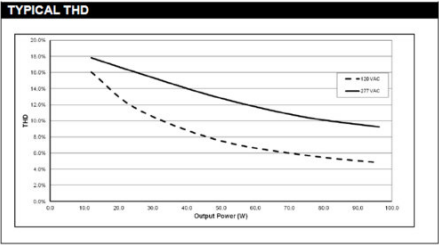


OT96 Constant Voltage 24V Typical Efficiency



OT96 Constant Voltage 24V Typical Power Factor

Product datasheet



OT96 Constant Voltage 24V Typical THD

OT96 Constant Voltage 24V Wiring Diagram

Dimensions & weight

Ballast Height (in)	1.17 in
Ballast Length (in)	9.48 in
Ballast Width (in)	1.68 in

Temperatures & operating conditions

Maximum Case Temperature	75°C
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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
51520	4052899199194	Unpacked (SKU)	1	9.5 in x 1.7 in x 1.2 in	1.4 lb
51520	4052899199200	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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