

## OPTOTRONIC Electronic 12VDC & 24VDC Constant Voltage

51604 / OT20W/12V/UNV



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<sub>AC</sub>, enables worldwide use on single-phase AC power lines. These supplies are available with 12V<sub>DC</sub> and 24V<sub>DC</sub> 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

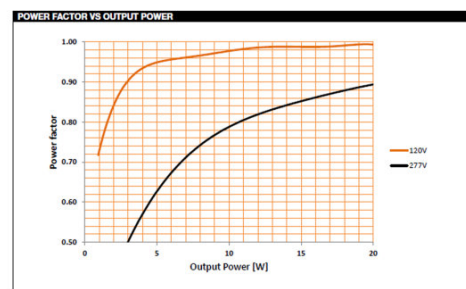
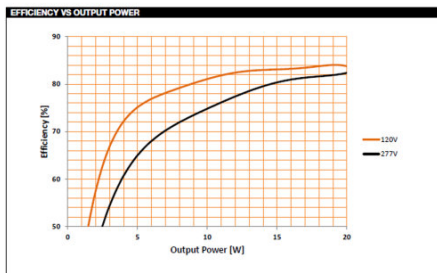
## Technical data

### General product information

Product Name	OT20W12VUNV 50/CS 1/SKU
Ordering Abbreviation	OT20W/12V/UNV
Brand Name	OSRAM
Family Brand Name	OPTOTRONIC
General Description	20 Watt 12 Volt LED Power Supply
Product Number	51604

### Electrical data

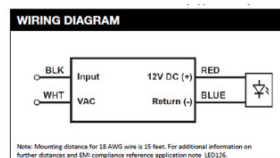
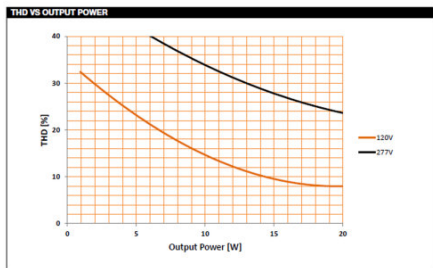
Nominal Total Max Wattage	20 W
Nominal Voltage	120-277 V



OT20 Constant Voltage 12V Efficiency Output Power

OT20 Constant Voltage 12V Power Factor Output Power

## Product datasheet



OT20 Constant Voltage 12V THD Output Power

OT20 Constant Voltage 12V Wiring Diagram

### Electrical specifications - Input

Inrush Current (Apk, T@50% of Apk) 120V	12A, 250s
Inrush Current (Apk, T@50% of Apk) 277V	27A, 250s

### Packaging Information

Item number	EAN/UPC	Packaging	Quantity	Outside dimensions l x w x h	Gross weight
51604	4052899136885	Unpacked (SKU)	1	5.2 in x 1.3 in x 1 in	0.4 lb
51604	4052899133730	Shipping box (Case)	50	19.1 in x 11.7 in x 7.4 in	23 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

For information on specific product warranties, visit [www.osram.us/warranty](http://www.osram.us/warranty). Specifications are subject to change without notice. OSRAM, OPTOTRONIC, PrevaLED and DEXAL are registered trademarks of OSRAM GmbH. SensiLUM is a trademark of OSRAM SYLVANIA Inc. All other trademarks are those of their respective owners.