

OPTOTRONIC Industrial Programmable LED Power Supplies

57509 / OTi95W/UNV/2750C/2DIM+/P6



Areas of application

- Indoor Industrial fixtures
- Mid-bay fixtures
- High-bay fixtures
- Area
- Roadway
- Parking garages

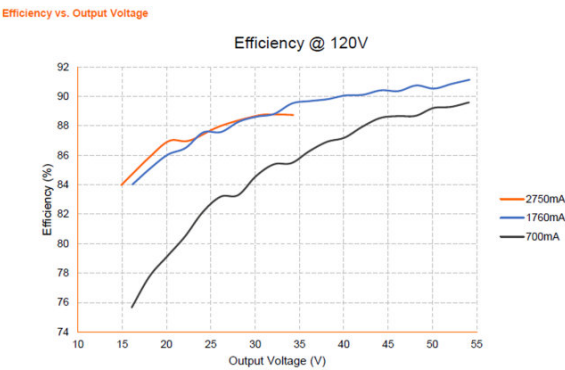
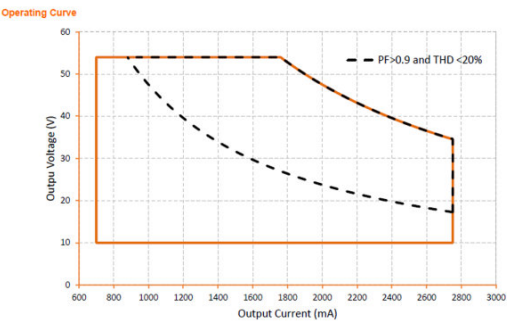
Technical data

General product information

Product Name	OTi95WUNV2750C2DIMP6 10/CS 1/SKU
Ordering Abbreviation	OTi95W/UNV/2750C/2DIM+/P6
Brand Name	OSRAM
General Description	95W Outdoor LED Driver UNV
Product Number	57509

Electrical data

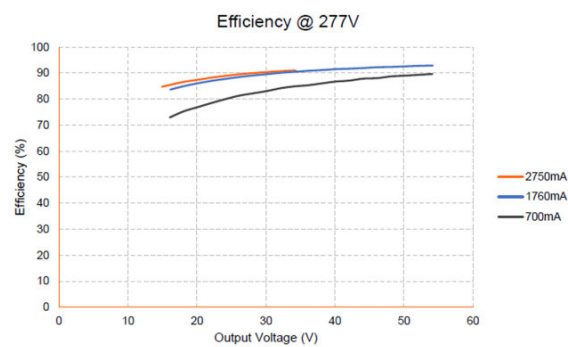
Nominal Total Max Wattage	95 W
Nominal Voltage	120-277 V



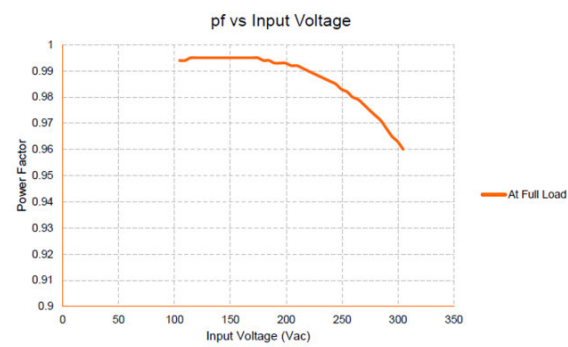
OTi95W_Operating_Curve

OTi95W_Efficiency_Output_120V

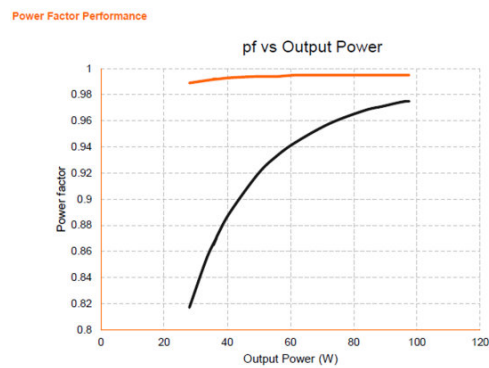
Product datasheet



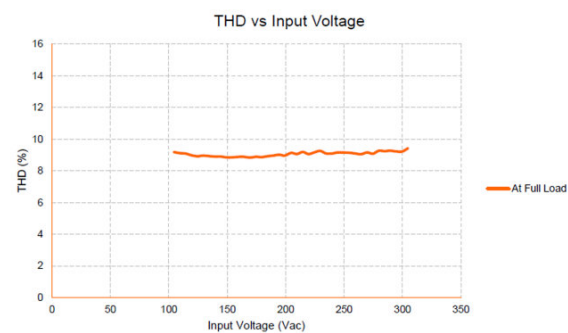
OTi95W_Efficiency_Output_277V



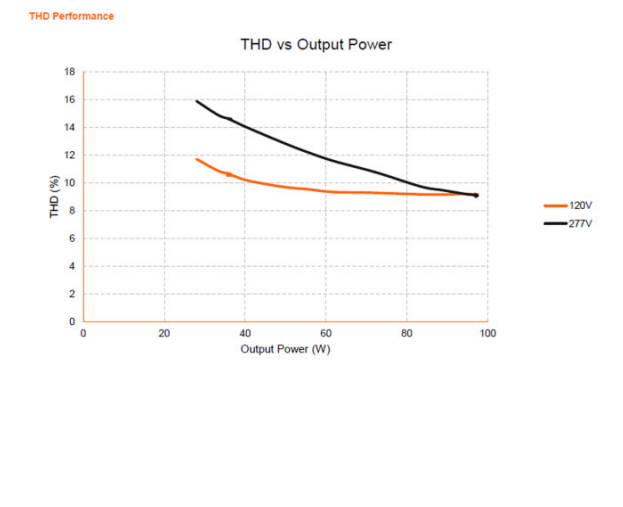
OTi95W_PowerFactorPerformance_v_Input_at_Full_Load



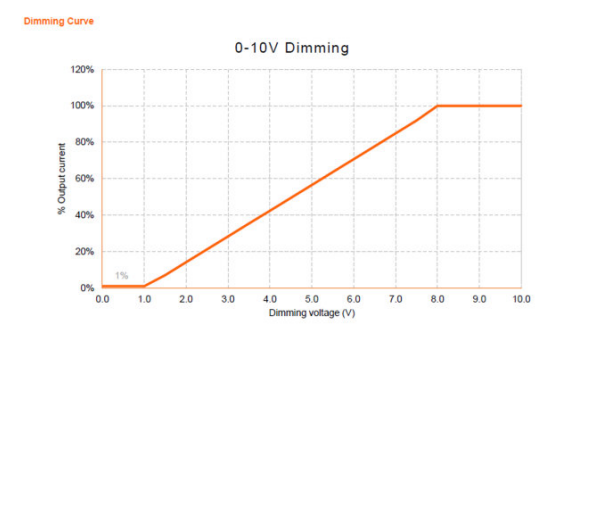
OTi95W_PowerFactorPerformance_v_Output_120V_and_277V



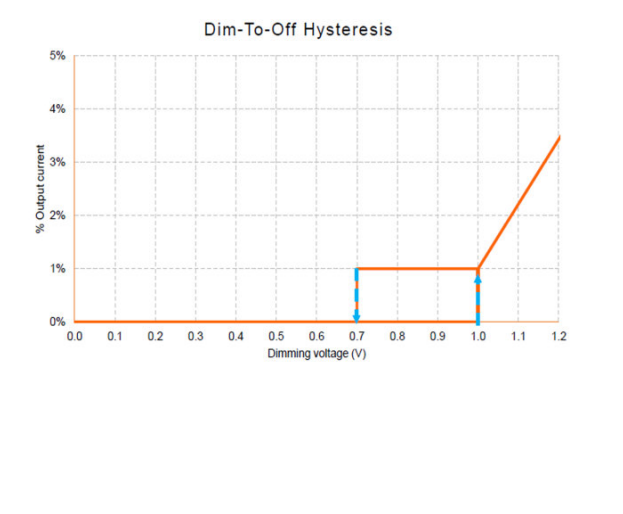
OTi95W_THD_Performance_v_Input_at_Full_Load



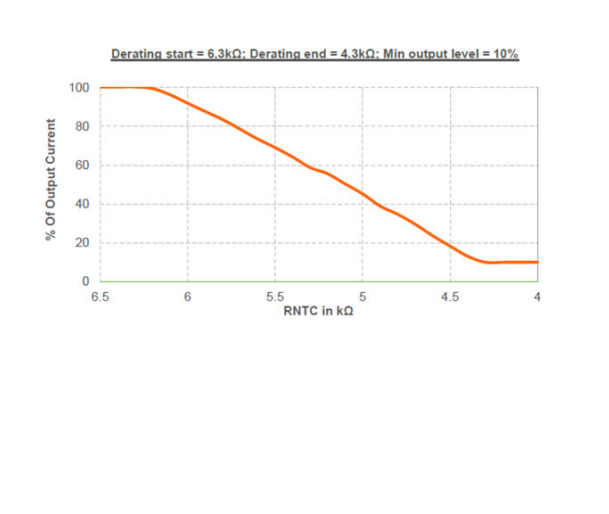
OTi95W_THD_Performance_v_Output_120V_and_277V



OTi95W_Dimming_Curve



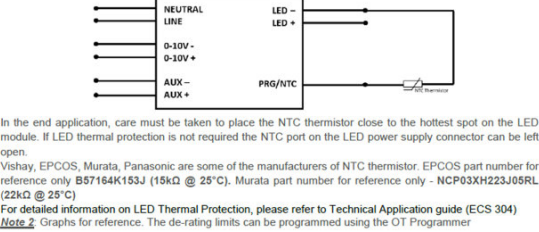
OTi95W_Dimming_Curve_Dim_to_Off_Hysteresis



OTi95W_LED_Thermal_Protection_(NTC)_%_of_Output_Current

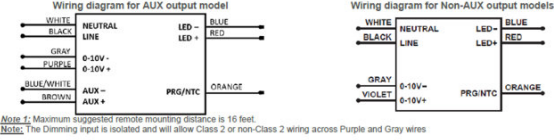
LED Thermal Protection (NTC) Characteristic

The LED thermal protection feature of the OTi95W helps reduce the temperature of the LED module by reducing the output current in case of abnormal temperature conditions. To use this feature a third party NTC thermistor should be connected to the LED power supply as shown in the wiring diagram below.



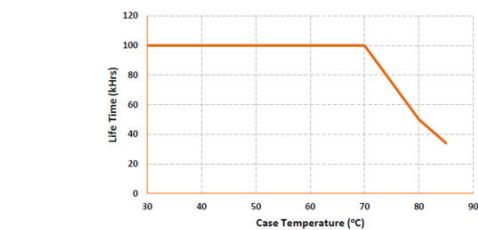
OTi95W_LED_Thermal_Protection_(NTC)_Wiring_Diagram

Wiring Diagram



OTi95W_Wiring_Diagram

Lifetime vs TCASE



OTi95W_Lifetime_v_Case_Temperature

Electrical specifications - Input

Inrush Current (Apk, T@50% of Apk) 120V	60A, 131us
Inrush Current (Apk, T@50% of Apk) 277V	100A, 138us

Product datasheet

Packaging Information

Item number	EAN/UPC	Packaging	Quantity	Outside dimensions l x w x h	Gross weight
57509	4052899566248	Unpacked (SKU)	1		
57509	4052899566255	Shipping box (Case)	10	13.9 in x 10.1 in x 4.1 in	22.5 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.