

# OPTOTRONIC® OTCP60

## 12V Power Supplies

### Power Supply Guide

OTCP60/120-240/12PRO  
OTCP60/120-240/12DMX  
LED power supplies  
compatible with:  
LINEARlight Colorpod

### Key System Features

- Economical
- Compact size
- Ease of installation
- Models are either DMX ready or contain a preprogrammed interface
- Rated for damp/wet location (IP66)

OPTOTRONIC OTCP60 12V power supplies are specifically designed for OSRAM SYLVANIA LINEARlight Colorpod™ LED modules. OTCP60 12V power supplies provide 62W of power with integrated control interfaces. Models come available preprogrammed or with interface options to control through DMX512.

The integration of power and control simplifies wiring installation, and the selection of control configurations expands the versatility of the OTCP60 12V.



### System Information

#### OTCP60 12V DMX

The DMX interface is used for installations using a DMX controller such as an OTCPtuner or a third party DMX controller.

#### OTCP60 12V PREPROGRAMMED

The preprogrammed unit is best suited for installations using simple effects across all light nodes. The preprogrammed unit controls a maximum of 144 nodes. The preprogrammed shows are:

Chasing Rainbow, Fixed Color, Color Wash, Random Fade, White, Tile Burst, and Tile Spiral.

OTCP60 12V is housed in a compact NEMA 4 (IP66) enclosure designed for use in wet locations and complies with National Electrical Code (NEC) requirements. The data drive circuitry has been specifically designed with short circuit protection to prevent failures due to incorrect wiring.

OTCP60 12V automatically accommodates supply voltages ranging from 100VAC to 240VAC, which must be hard-wired to the supply. RJ45 data input accepts data from DMX Cat 5 data cables. If using the DMX power supply or if using the Preprogrammed power supply, the data output connectors allow you to daisy-chain DMX data to other DMX supplies.

### Ordering Information

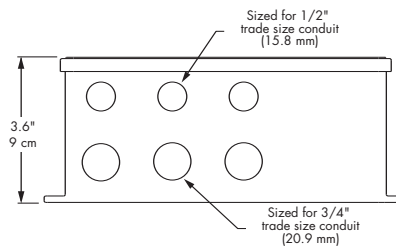
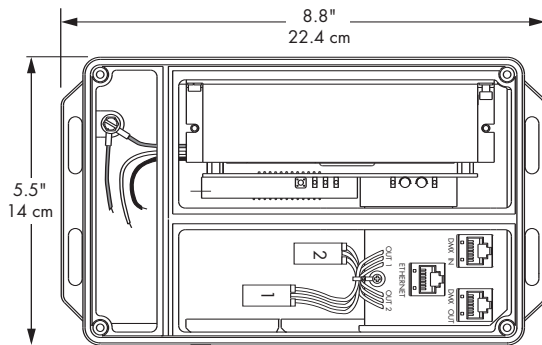
Item Number	Description	Nominal Input Voltage (Vdc)	Control Voltage (Vdc)	MAX. Output Power (W)	Location Rating
51593	OTCP60/120-240/12PRO	100-240	12	62	WET
51594	OTCP60/120-240/12DMX				

### Ordering Guide

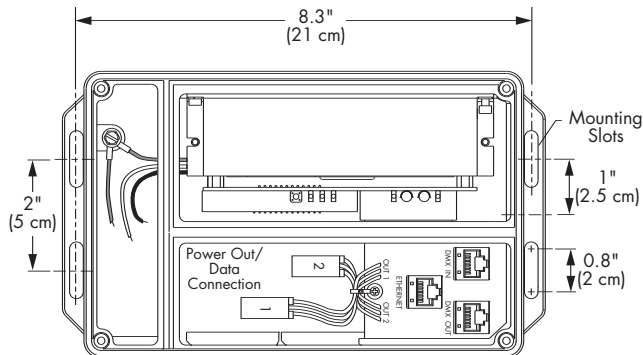
Item Number	51593	OTCP	60	/	120-240	/	12	PRO	Preprogrammed Interface
OPTOTRONIC Colorpod									Output Voltage (DC)
Output Wattage (60 watts)									Input Voltage

## OTCP60/120-240/12DMX

### Overall Dimensions



### Mounting Dimensions



### OTCP60/120-240/12DMX

**Data Connector:** Input and output: RJ45

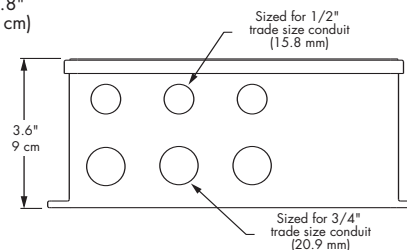
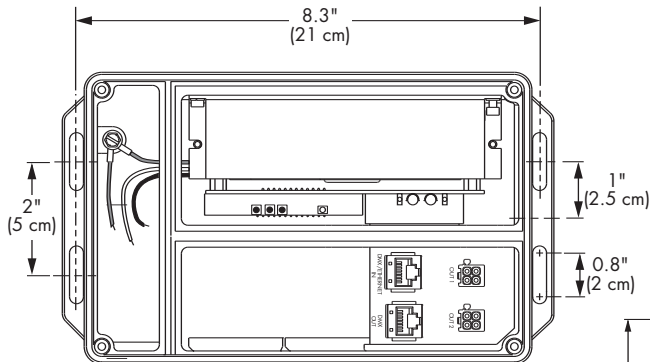
**Output Connector:** 4-pin

**Supply Connector:** (L-black, N-white, GND-green)

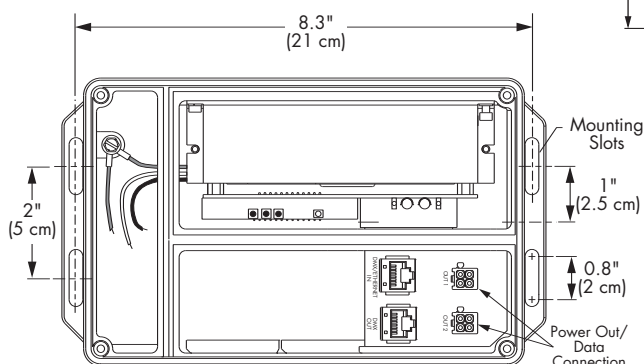
**Weight:** 4.5 lbs. (2 kg)

## OTCP60/120-240/12PRO

### Overall Dimensions



### Mounting Dimensions



### OTCP60/120-240/12PRO

**Data Connector:** Input and output: RJ45

**Output Connector:** 4-pin

**Supply Connector:** (L-black, N-white, GND-green)

**Weight:** 4.5 lbs. (2 kg)

## OTCP60

### Specifications

**Input Voltage Range:** 100VAC-240VAC

**Input Frequency:** 50/60Hz

**Ambient Temp. Range:** -10°C to 40°C

**Data Input:**

DMX: DMX512 compatible

Preprogrammed: No external data input

**Data Output:** 12V

**Fused Protection:** Two 4amp, 3AG fuses

**Listings:** UL/cUL, CE, PSE



### System Life / Warranty


OPTOTRONIC® LED Power Supply Products are covered by our LED system warranty, a comprehensive LED module and power supply system warranty. For additional details, refer to our latest version of the LED warranty bulletin.

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1-800-LIGHTBULB (1-800-544-4828)

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 the system solution®