



100W 12V DC Dimmable LED Power Supply, Triac and 0-10V, 120VAC Input

- Delivers 100W maximum output at 12V DC, 8.3A rated current
- Accepts 90-130VAC input for standard indoor electrical systems
- Supports Triac and 0-10V dimming, compatible with Lutron dimmers
- IP20 rated aluminum alloy housing in metallic silver finish
- Rated for ambient operation from -30°C to 50°C
- Backed by a 3-year manufacturer warranty

OVERVIEW

The Lumipro P-100-D is a 12V DC dimmable LED power supply designed for indoor LED lighting installations in residential, commercial, and industrial applications. Its compact form factor supports integration into lighting control systems requiring Triac or 0-10V dimming, and it is compatible with Lutron and other standard dimmer switch brands.

The unit delivers a maximum output of 100W at 12V DC with a rated output current of 8.3A, accepting a 90-130VAC input range. It carries an IP20 rating for protected indoor environments and an aluminum alloy housing rated for ambient operation from -30 to 50°C.

The P-100-D carries a 3-year warranty and is CE certified.

SPECIFICATIONS

ELECTRICAL

Operating Voltage	12 V
Wattage	100 W
Current Draw	8.3 A
Dimmer Type	Triac + 0-10V
Power Supply Input	90 - 130VAC
Power Supply Output	12VDC

ENVIRONMENTAL

IP Rating	IP20
Ambient Operating Temperature	-30-50 °C -22-122 °F

MECHANICAL

Product Dimensions	16*4.8*2.9cm
Finish	Metallic Silver
Material	Aluminum Alloy
Weight	0.6 lb

ORDERING

Warranty	3 y
----------	-----

CERTIFICATIONS & COMPLIANCE



APPLICATIONS

- Residential LED lighting installations
- Commercial retail and office lighting
- Industrial indoor lighting systems
- Dimmable LED strip and fixture power supply

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
operating_voltage	12 V	pdf	high
wattage	100 W	db	high
current_draw	8.3 A	pdf	high
dimmer_type	Triac + 0-10V	db	high
ps_input	90 - 130VAC	db	high
ps_output	12VDC	db	high
product_dimensions	16*4.8*2.9cm	db	high
finish	Metallic Silver	db	high
material	Aluminum Alloy	db	high
weight	0.6 lb	db	high
ip_rating	IP20	db	high
ambient_temp_c	-30-50 °C	db	high
warranty_years	3 y	db	high

Specifications subject to change without notice.