

DESCRIPTION

Power Dim 2-in-1 is a dimmer with an integrated LED driver that converts 120VAC to low-voltage 24VDC (up to 96W). Designed for installation in a standard single-gang electrical box, it eliminates the need for separate remote drivers, reducing clutter and simplifying installation.

PureEdge Lighting's Power Driver combines an ELV dimmer and driver in a single, wall-mounted unit.

Kit includes driver/dimmer, faceplate, and mounting hardware.

The integrated design delivers smooth, flicker-free dimming and avoids driver/switch compatibility issues. Features soft start and built-in short-circuit, overload, and thermal protection. Indoor use only.

Available in multiple faceplate finishes. For custom quotes and layout assistance, send drawings to design@PureEdgeLighting.com.

INTEGRATED DESIGN

- Combines LED driver and dimmer into a single device
- Soft start
- Short circuit protection
- Overload protection
- Thermal overload protection

APPLICATIONS

Indoor

MOUNTING

Fits into a standard single-gang wall box, standard hardwire connection

POWER INPUT

- 120VAC
- Power Factor @ full load: >0.99
- THD (Typ.) @ full load: ≤10%
- Efficiency @ full load: 91.0%
- AC Current (Max.): 0.9A

POWER OUTPUT

- Class 2; 24 volts DC
- 96 watts maximum
- Voltage Tolerance: ±0.5V
- Rated current: 4A

DIMENSIONS

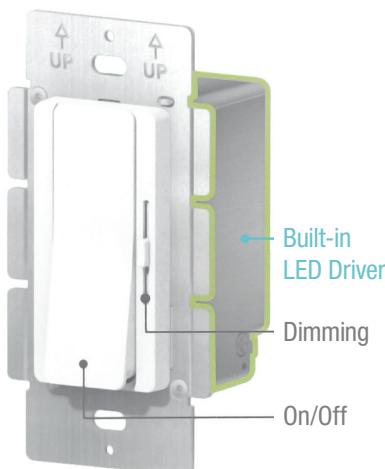
4.13" x 2.12" x 1.99"

COMPLIANCE

Class 2, UL, RoHS



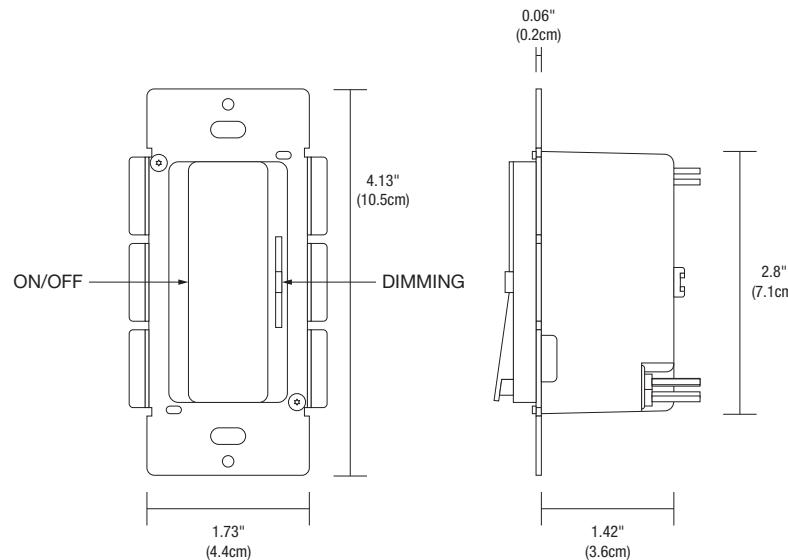
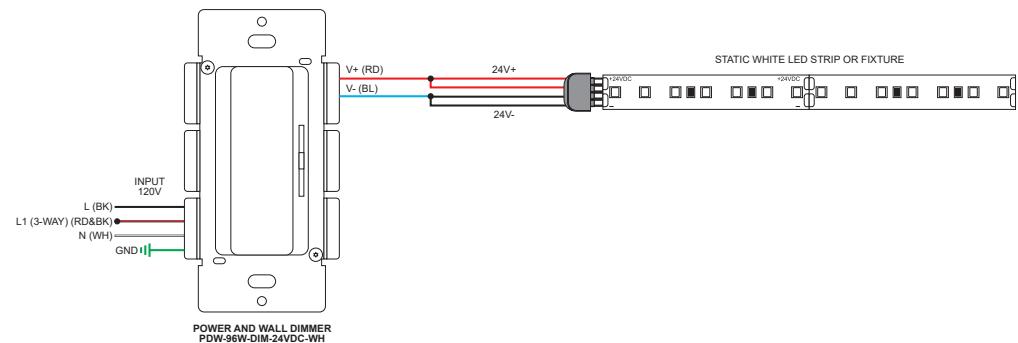
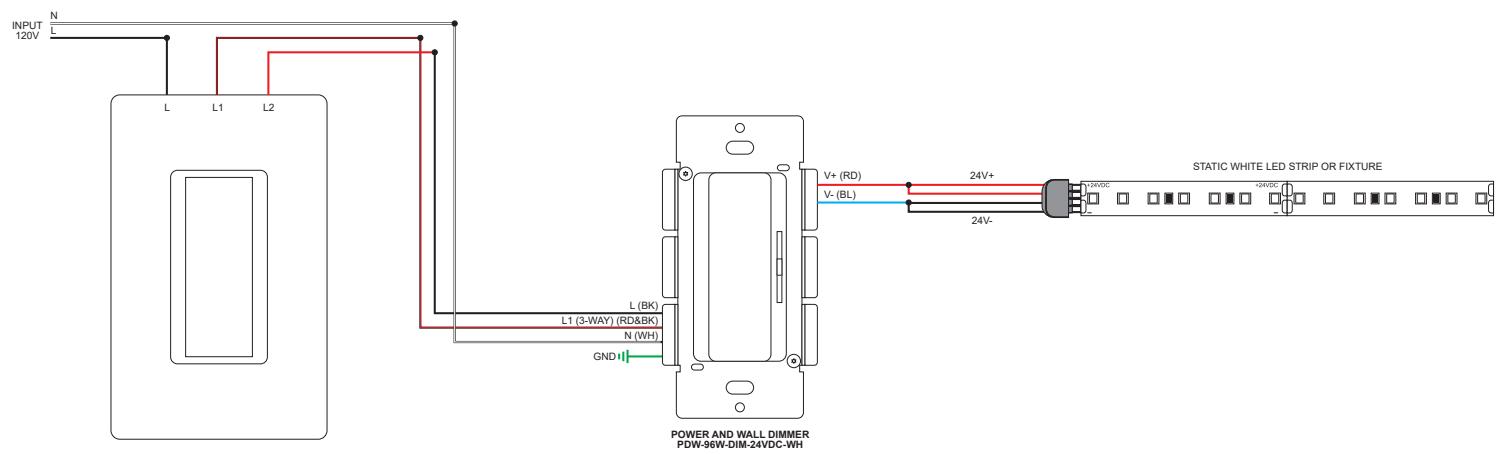
PDW-96W-DIM-24VDC-WH



Product	Wattage	Control Type	Voltage	Finish
PDW	96W	DIM	24VDC	WH

PDW Power Wall Dimmer 96W 96 Watts DIM DIM Static White 24VDC 24 Volt DC WH White

PROJECT	FIXTURE TYPE	DATE
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DRAWINGS

WIRING DIAGRAMS
STANDARD DIMMING

3-WAY DIMMING


96W, 24VDC Low Voltage Wire Size Chart: 3% Voltage Drop

WIRE LENGTH (FT)	UP TO 212'	213'-328'
WIRE SIZE	14 AWG	12 AWG
VOLTAGE AT END OF WIRE	46.56VDC	46.56VDC

PROJECT	FIXTURE TYPE	DATE
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