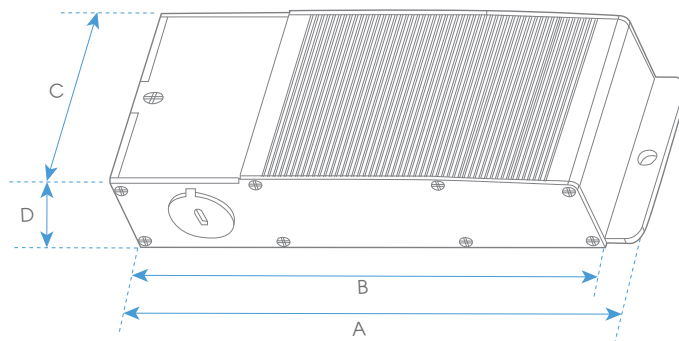


# DL-PS-60/24-JB-DIM-A

24V DC LED POWER SUPPLIES  
DRIVERS IN JUNCTION BOX - DIMMING SERIES



Fixture Type
Project
Notes



A	7"	178 mm	C	2 3/4"	70 mm
B	6 1/2"	165 mm	D	1 3/8"	35 mm

With 24V DC, 60W LED driver and universal input voltage - 120 to 277V AC, this driver is dimmable with most Triac and ELV dimmers. PWM dimming method (for best results, minimum load should be 10% of maximum wattage of driver). Can be used in indoor - for dry, damp locations, with cooling by free air convection and short circuit, over temperature and over loading protection. Made with black powder coated aluminum enclosure, its efficiency > 86% and Power Factor > 0.9. Certified with ETL Listed, Class 2 power unit and weights 0.63 kg (1.4 lb).



## SPECIFICATIONS

### INPUT

<b>INPUT VOLTAGE</b>	120 - 277V AC
<b>INPUT FREQUENCY</b>	47-63Hz
<b>INPUT CURRENT (MAX.)</b>	0.68A @120V AC
<b>POWER FACTOR (TYP.) @ FULL LOAD</b>	0.9 @120V AC
<b>EFFICACY (TYP.) @ FULL LOAD</b>	86% @120V AC

### OUTPUT

<b>OUTPUT VOLTAGE</b>	24V DC
<b>RELATED OUTPUT POWER</b>	60W
<b>RATED LOAD CURRENT</b>	2.5A

### PROTECTION

<b>SHORT CIRCUIT</b>	Hiccup mode, recover automatically after fault condition is removed
<b>OVER LOADING</b>	≤150% constant current limiting

### ENVIRONMENT

<b>IP RATINGS</b>	IP20, Indoor/ Dry or Damps locations
<b>OPERATING AMBIENT TEMPERATURE†</b>	-25° C to 40° C (-13° F to +104° F)
<b>OPERATING AMBIENT HUMIDITY</b>	20~90% RH, non-condensing
<b>STORAGE TEMPERATURE</b>	-40° C to +60° C (-40° F to +40° F)
<b>STORAGE HUMIDITY</b>	10~95% RH

† See Derating Curve

### SAFETY & EMC

<b>CERTIFICATES</b>	ETL Listed
<b>SAFETY STANDARDS</b>	UL8750
<b>WITHSTAND VOLTAGE</b>	I/P-O/P: 1500V AC
<b>ISOLATION RESISTANCE</b>	I/P-O/P: 100MΩ / 500V DC / 25° C / 70% RH
<b>EMC EMISSION</b>	FCC Part 15 B

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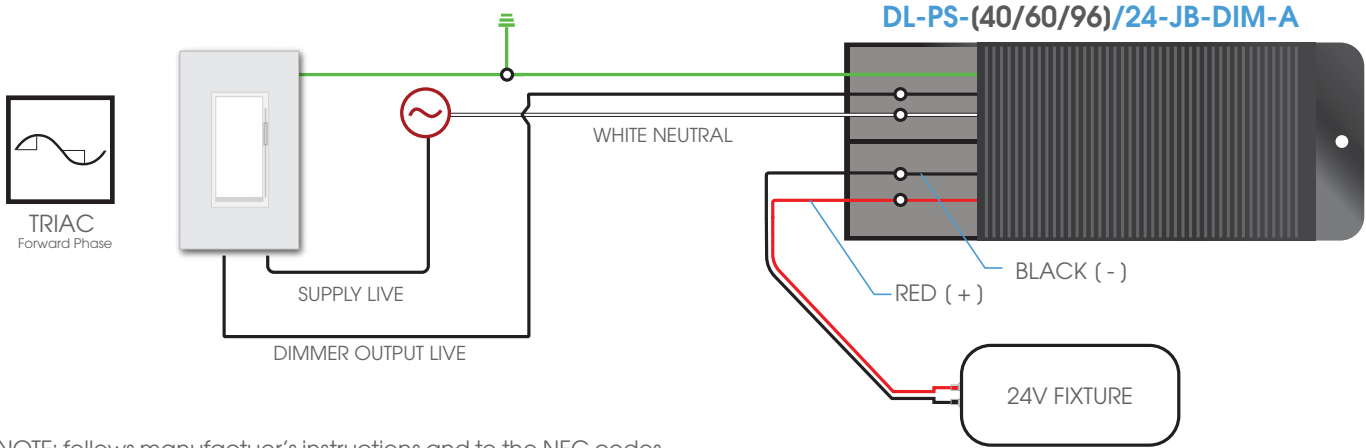
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DRIVERS IN JUNCTION BOX - DIMMING SERIES



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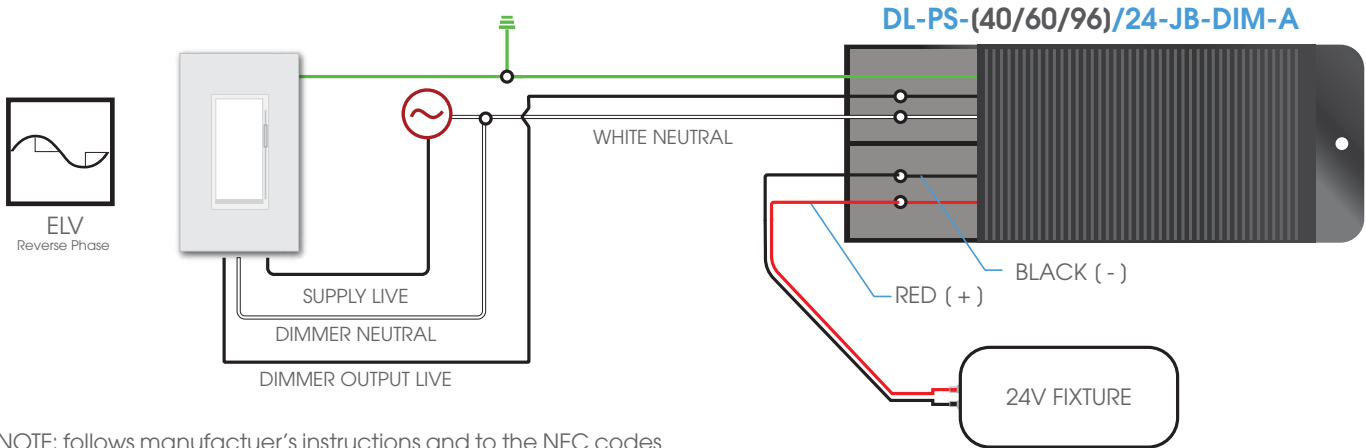
## WIRING DIAGRAM

### TYPICAL TRIAC DIMMING WIRING



NOTE: follows manufacturer's instructions and to the NEC codes

### TYPICAL ELV DIMMING WIRING



NOTE: follows manufacturer's instructions and to the NEC codes

## RECOMMENDED DIMMERS

<b>LEVITON</b>	LEVITON DECORA
<b>LUTRON</b>	LUTRON DIVA CL, LUTRON TG600, LUTRON MAESTRO MCL-153, LUTRON DIVA 303P, LUTRON CASETA PD, LUTRON SKYLARK COUNTOR CL