

Electronic Dimmable 24VDC Wet Location LineDRIVE Power Supply



Project Name	Type
Catalog #	Date

PRODUCT OVERVIEW

LineDRIVE Wet Location Series 24VDC Electronic LED Power Supplies are Class 2 rated and designed to work with standard ELV/Incandescent TRIAC (leading edge) dimmer switch. Encased in a low profile light weight aluminum enclosure that includes multiple knock-outs to enable easy installation.



FEATURES

- Output constant voltage
- 10% to 100% dimming range
- Dimmable with ELV/Incandescent TRIAC
- Suitable for outdoor, wet locations
- Class 2
- Flicker-free dimming
- Integrated junction box for hard wiring
- Short circuit protection
- FCC compliant
- 5 year warranty



SPECIFICATIONS

ELECTRICAL

- Input: 120/277VAC, 50/60Hz
- Output: 24VDC
- Load: min. 10% to max. 100% for optimal performance

HOUSING

- Corrosion resistant housing: Black aluminum case w/polymer wiring compartment
- Includes 2 watertight cable grips and wire connector
- Cooling by free-air convection

ENVIRONMENT

- Store in a dry location
- Wet location rated housing, IP 66 rating

OPERATING TEMP

- -13 to 104°F (-25 to +40°C)

CERTIFICATION

- ETL compliant
- Cert. CSA C22.2 No. 250.2
- Class 2

PROTECTION

- Over voltage and short circuit protection
- Hiccup mode, recover automatically after fault condition is removed

WARRANTY

- 5-year warranty

ORDERING INFORMATION

Example: LD-EDWP-UNV60-24

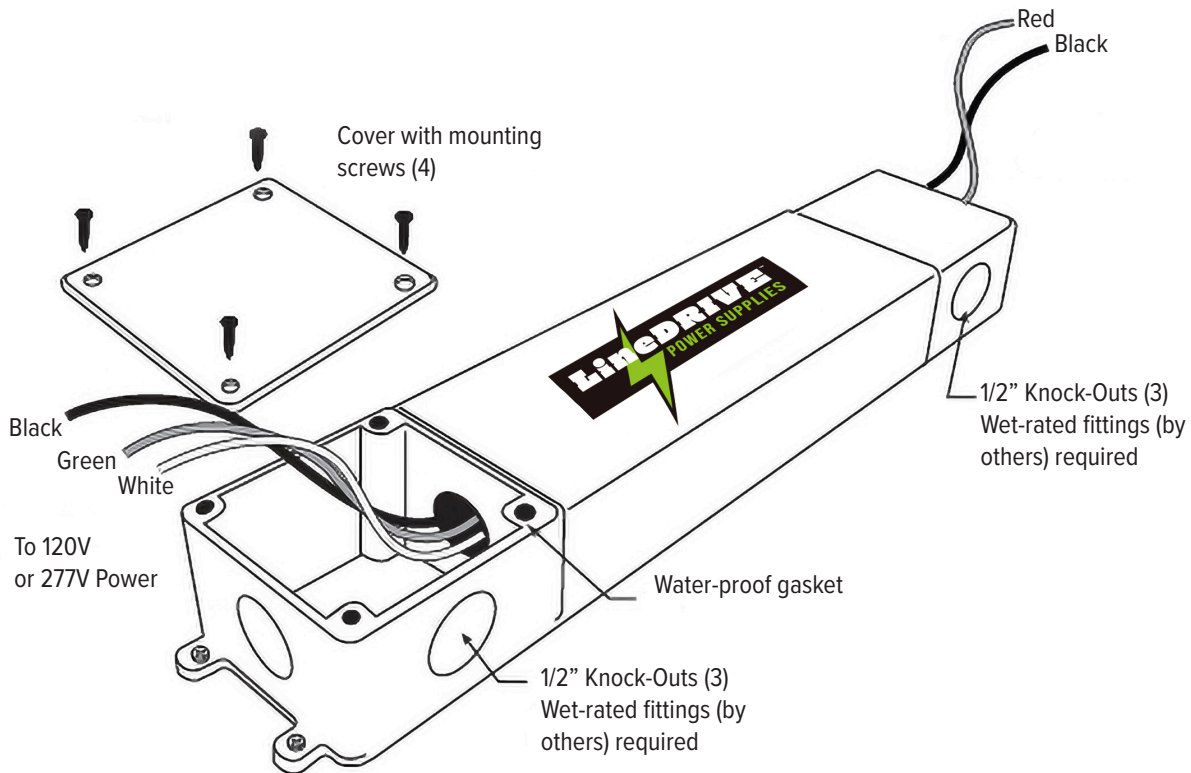
Model	Series	Type	Watts	Voltage
LD	EDWP	UNV	30	24
			60	
			96	

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Model	Output	Input	Power Factor	Efficiency	Weight	Size (L*W*H)
LD-EDWP-UNV30-24	24V / 30W / 1.25A	120-277VAC, 0.35A	0.9 (full load)	83% (typ.)	1.69lbs (770g)	12.125"L x 2.375"W x 1.375"H (308*60*35mm)
LD-EDWP-UNV60-24	24V / 60W / 2.5A	120-277VAC, 0.70A	0.9 (full load)	84% (typ.)	1.78lbs (810g)	12.125"L x 2.375"W x 1.375"H (308*60*35mm)
LD-EDWP-UNV96-24	24V / 96W / 4.0A	120-277VAC, 1.1A	0.9 (full load)	85% (typ.)	1.87lbs (850g)	12.125"L x 2.375"W x 1.375"H (308*60*35mm)

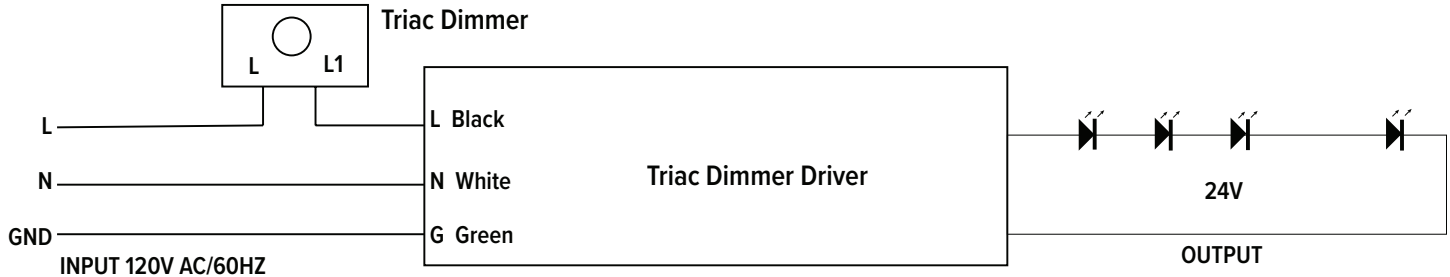
DIMENSION



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WIRING DIAGRAMS



DIMMING OPERATION

- Compatible with leading edge and trailing edge/Forward Phase Triac Dimmers.
- Try to use dimmers with a capacity at least 2.5 times as the output power of the driver.
- For forward phase and triac dimmers. See Compatible Dimmers list below.

WARNING

- Do not reverse polarity.
- Risk of Fire. Consult a qualified electrician for installation.
- Risk of Electric Shock. Mount the unit at a height greater than 1 foot from the ground surface.

COMPATIBLE DIMMERS

Dimmer	LD-EDWP-UNV30-24	LD-EDWP-UNV60-24	LD-EDWP-UNV96-24
LUTRON DIVA DVCL	✓	✓	✓
LUTRON DIVA DVLV	✓	✓	✓
LUTRON CASSETTA PD6WCL	✓	✓	✓
LUTRON DIVA DVRP	✓	✓	✓
LUTRON MAESTRO MA-PRO	✓	✓	✓
LUTRON MAESTRO MA-CL	✓	✓	✓
LEGRAND RADIANT HARMONY RH703	✓	✓	✓