Power Supplies

The foundation of low voltage lighting systems are the drivers and transformers. Depending on whether dimming is needed, and the type of dimming controls used, there is an array of Constant Voltage, Constant Current and Alternating Current power supplies to choose from. In general, use LED-DR types for secondary side dimming (aka Trulux), and ELV versions for other brands of dimmers. Constant Current drivers are specifically non-dimming or dimming.

Constant Voltage

Constant Current + Voltage

Constant Current

Alternating Current

Features

- Class 2 dimmable driver
- Available in 12V and 24V options
- Wattages ranging from 20W up to 96W
- Dimmable with standard leading edge dimmers (aka MLV, Incandescent, TRIAC)
- Auto-reset protection for short circuit & over-voltage
- Slim compact housing design
- Integrated junction box compartment with two 3/8” knockouts
- Includes two strain relief clamps
- Nema 3R - Outdoor use
- UL listed

Wattage/Voltage Options

- 20W (12V)
- 40W (12V / 24V)
- 60W (12V)
- 75W (24V)
- 96W (24V)

Dimming Options

- MLV
- TRIAC / Incandescent

Listing / Ratings

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Low Profile LP-DR - 12V / 24V

This low profile dimmable constant voltage LED driver is Class 2 rated and designed to operate with any standard leading edge wall dimmer (aka forward phase-control, magnetic low voltage, incandescent, TRIAC). Encased in an aluminum enclosure that includes two knockouts for easy hardwire installation, the LP-DR series drivers are ideal for for under cabinet light, tape light and various low voltage LED fixture installations.

Technical Information

Series	LP-DR
Max Load	See ordering information
Minimum Load	8W (dimming); N/A (non-dimming)
Input Voltage	120V AC 60Hz
Output Voltage	12V DC / 24V DC
Power Factor	0.95
Dimmable	MLV / TRIAC
Efficiency	> 90%
Input Wires	18 AWG
Output Wires	14 AWG
Operating Temp.	-22°F - 158°F (-30°C - 70°C)
Rating	cULus Listed; Nema 3R - Outdoor use
Dimensions	6-3/4” x 2-11/16” x 1-1/4”

Ordering Information

LP-DR20-12	LP-DR 12V - 20W Driver
LP-DR40-12	LP-DR 12V - 40W Driver
LP-DR60-12	LP-DR 12V - 60W Driver
LP-DR40-24	LP-DR 24V - 40W Driver
LP-DR75-24	LP-DR 24V - 75W Driver
LP-DR96-24	LP-DR 24V - 96W Driver

Features

- Class 2, 30W constant voltage driver
- Class II double insulation barrier for surge protection (no ground connection)
- Short circuit, over-current, over-voltage, and over temperature protection
- Io and Vo adjustable through built-in potentiometers
- Compact housing features integrated wire cover strain reliefs
- Universal AC input (100-240V) with built-in constant current limiting circuit
- Compatible with ENCL-11 power supply enclosure
- cURus Recognized (indoor use)
- RoHs Compliant

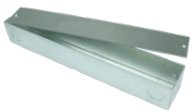
Wattage/Voltage Options

- 30W (12V)
- 30W (24V)

Dimming Options

- Trulux control (5-100%, no minimum load to 90% maximum load)

Compatible Power Supply Enclosure (ENCL-11)



Listing / Ratings

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RoHS COMPLIANT

LED-DR 30W DC Driver - 12V / 24V

The LED-DR Series features universal 100-240V AC power input with high reliability and Class 2 rating. Standard built-in protections include short circuit, over-current, over-voltage, and over temperature. Used commonly with Trulux receivers and controls for secondary side dimming, they can also be used in non-dimming applications (minimum loads apply). Durable plastic housing features integrated terminal blocks, wire cover strain reliefs and adjustable output voltage and output current levels.

Technical Information

Series	LED-DR 30W
Max Load	30W (non-dimming); 27W (dimming*)
Minimum Load	6W (non-dimming); 1W (dimming*)
Input Voltage	100-240V AC, 50/60Hz
Output Voltage	12V DC / 24V DC
Power Factor	≥0.95/115V AC, ≥0.9/230V AC at full load
Dimmable	Secondary side dimming only*
Efficiency	> 82.5% (12V) / > 88% (24V)
Input Wire	12 AWG maximum
Output Wire	12 AWG maximum
Operating Temp.	-22°F - 122°F (-30°C - 50°C)
Rating	cURus Recognized (dry location)
Dimensions	6-1/4"L x 1-3/4"W x 1-3/16"H

*Utilize Trulux controller + receiver combo on secondary side

Ordering Information

LED-DR30-12	LED-DR 12V - 30W Driver
LED-DR30-24	LED-DR 24V - 30W Driver
ENCL-11	Power Supply Enclosure (11-1/2"L x 1-7/8"W x 1-3/4"H)

Features

- Class 2, 60W constant voltage driver
- Class II double insulation barrier for surge protection (no ground connection)
- Short circuit, over-current, over-voltage, and over temperature protection
- Universal AC input (full range) with built-in constant current limiting circuit
- Fully isolated plastic case; encapsulated with IP67 level ingress protection
- Compatible with ENCL-11 power supply enclosure
- cURus Recognized (dry and damp locations)
- RoHs Compliant

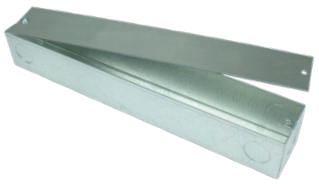
Wattage/Voltage Options

- 60W (12V)
- 60W (24V)

Dimming Options

- Trulux control (5-100%, no minimum load to 90% maximum load)

Compatible Power Supply Enclosure (ENCL-11)



Listing / Ratings

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RoHS COMPLIANT

LED-DR 60W DC Driver - 12V / 24V

The LED-DR Series features universal 100-240V AC power input with high reliability and Class 2 rating. Standard built-in protections include short circuit, over-current, over-voltage, and over temperature. Used commonly with Trulux receivers and controls for secondary side dimming, they can also be used in non-dimming applications (minimum loads apply). The LED-DR60's durable plastic housing can be used with ENCL-11 power supply enclosure which features three 1/2" knockouts at each end and screw-down lid.

Technical Information

Series	LED-DR 60W
Max Load	60W (non-dimming); 57W (dimming*)
Minimum Load	12W (non-dimming); 1W (dimming*)
Input Voltage	100-240V AC, 50/60Hz
Output Voltage	12V DC / 24V DC
Power Factor	≥0.95/115V AC, ≥0.9/230V AC at full load
Dimmable	Secondary side dimming only*
Efficiency	> 83% (12V) / > 86% (24V)
Input Wire	22" 18AWG
Output Wire	22" 16AWG
Operating Temp.	-22°F - 158°F (-30°C - 70°C)
Rating	cURus Recognized (dry and damp locations)
Dimensions	6-3/8"L x 1-11/16"W x 1-1/4"H

*Utilize Trulux controller + receiver combo on secondary side

Ordering Information

LED-DR60-12	LED-DR 12V - 60W Driver
LED-DR60-24	LED-DR 24V - 60W Driver
ENCL-11	Power Supply Enclosure (11-1/2"L x 1-7/8"W x 1-3/4"H)

Features

- Class 2, 60W 24V constant voltage driver
- Class II double insulation barrier for surge protection (no ground connection)
- Short circuit, over-current, over-voltage, and over temperature protection
- Universal AC input (full range) with built-in active Power Factor Correction (PFC)
- Fully isolated plastic case; encapsulated with IP67 level ingress protection
- cURus Recognized (dry and damp locations)
- RoHs Compliant

Wattage/Voltage Options

- 60W (24V) 120-277V AC

Dimming Options

- Trulux control (5-100%, no minimum load to 90% maximum load)

Listing / Ratings

c UL us

RoHS COMPLIANT

LED-DR 60W DC 277V Driver - 24V

The LED-DR60-24-277 features universal 120-277V AC power input with high reliability and Class 2 rating. Standard built-in protections include short circuit, over-current, over-voltage, and over temperature. Used commonly with Trulux receivers and controls for secondary side dimming, they can also be used in non-dimming applications (minimum loads apply). The durable plastic housing of the LED-DR60-24-277 carries an IP67 rating for damp location use.

Technical Information

Series	LED-DR 277V 60W
Max Load	60W (non-dimming); 57W (dimming*)
Minimum Load	12W (non-dimming); 1W (dimming*)
Input Voltage	120-277V AC, 50/60Hz
Output Voltage	24V DC
Power Factor	≥0.95/115V AC, ≥0.9/230V AC at full load
Dimmable	Secondary side dimming only*
Efficiency	> 89%
Input Wire	10” 18AWG SJTW
Output Wire	10” AWG SVT
Operating Temp.	-40°F - 176°F (-40°C ~ +80°C)
Rating	cURus Recognized (dry and damp locations)
Dimensions	6-3/8”L x 1-11/16”W x 1-1/4”H

*Utilize Trulux controller + receiver combo on secondary side

Ordering Information

LED-DR60-24-277	LED-DR 24V - 60W 120-277V Driver

Features

- 100W constant voltage driver
- Short circuit, over-current, over-voltage, and over temperature protection
- Universal AC input (full range) with built-in constant current limiting circuit
- Fully isolated plastic case; encapsulated with IP67 level ingress protection
- cURus Recognized (dry and damp locations)
- RoHs Compliant

Wattage/Voltage Options

- 100W (12V)
- 100W (24V)

Dimming Options

- Trulux control (5-100%, no minimum load to 90% maximum load)

Listing / Ratings

LED-DR 100W DC Driver - 12V / 24V

The LED-DR Series features universal 100-240V AC power input with high reliability. Standard built-in protections include short circuit, over-current, over-voltage, and over temperature. Used commonly with Trulux receivers and controls for secondary side dimming, they can also be used in non-dimming applications (minimum loads apply).

Technical Information

Series	LED-DR 100W
Max Load	100W (non-dimming); 97W (dimming*)
Minimum Load	20W (non-dimming); 1W (dimming*)
Input Voltage	100-240V AC, 50/60Hz
Output Voltage	12V DC / 24V DC
Power Factor	≥0.95/115V AC, ≥0.9/230V AC at full load
Dimmable	Secondary side dimming only*
Efficiency	> 85% (12V) / > 88% (24V)
Input Wire	11” 18AWG
Output Wire	11” 14AWG
Operating Temp.	-13°F - 158°F (-25°C - 70°C)
Rating	cURus Recognized (dry and damp locations)
Dimensions	7-1/2”L x 2-1/16”W x 1-1/2”H

*Utilize Trulux controller + receiver combo on secondary side

Ordering Information

LED-DR100-12	LED-DR 12V - 100W Driver
LED-DR100-24	LED-DR 24V - 100W Driver

Features

- 150W 24V constant voltage and constant current driver
- Class I metal housing (Type HL)
- Short circuit, over-current, over-voltage, and over temperature protection
- Io and Vo adjustable through built-in potentiometers
- cURus Recognized
- Suitable for wet or dry locations; IP65
- RoHs Compliant

Wattage/Voltage Options

- 150W (12V)
- 150W (24V)

Dimming Options

- Trulux control (5-100%, no minimum load to 90% maximum load)

Listing / Ratings

c UL us

RoHS COMPLIANT

LED-DR 150W DC Driver - 12V / 24V

The LED-DR60-24-277 features universal 120-277V AC power input with high reliability. Standard built-in protections include short circuit, over-current, over-voltage, and over temperature. Used commonly with Trulux receivers and controls for secondary side dimming, they can also be used in non-dimming applications (minimum loads apply). Its durable metal housing carries an IP65 rating for damp location use and features adjustable output voltage and output current levels.

Technical Information

Series	LED-DR 150W
Max Load	150W (non-dimming); 147W (dimming*)
Minimum Load	30W (non-dimming); 1W (dimming*)
Input Voltage	100-240V, 277V AC, 50/60Hz
Output Voltage	12V DC / 24V DC
Power Factor	≥0.95/115V AC, ≥0.9/230V AC at full load
Dimmable	Secondary side dimming only*
Efficiency	> 91.5% (12V) > 93% (24V)
Input Wire	10” 18AWG SJTW
Output Wire	10” 14AWG SJTW
Operating Temp.	-40°F - 194°F (-40°C - 90°C)
Rating	cURus Recognized (wet or dry locations)
Dimensions	9”L x 2-11/16”W x 1-1/2”H

*Utilize Trulux controller + receiver combo

Ordering Information

LED-DR150-12	LED-DR 12V - 150W Driver
LED-DR150-24	LED-DR 24V - 150W Driver

Features

- Class 2 12V or 24V constant voltage driver
- Available wattages include 30W and 45W
- Dimmable with standard leading edge dimmers (aka forward phase, MLV, Incandescent, TRIAC) and trailing edge dimmers (aka 2-wire reverse phase, ELV)
- Slim compact housing design features built-in terminal blocks with integrated wire cover strain reliefs
- cETLus Listed (indoor dry locations)
- RoHs Compliant

Wattage/Voltage Options

- 30W (12V)
- 30W (24V)
- 45W (12V)
- 45W (24V)

Dimming Options

- Forward phase
- Reverse phase
- ELV
- TRIAC

Listing / Ratings

Intertek

RoHS COMPLIANT

ELV 30W / 45W DC Driver - 12V / 24V

The 30W and 45W ELV drivers feature cETLus Listing with high reliability and Class 2 rating. Standard built-in protections include short circuit, over-current, over-voltage, and over temperature. ELV drivers can be used in dimming applications with a 60% minimum load attached; and in non-dimming appliations with no minimum load requirements. Durable plastic housing features integrated terminal blocks, wire cover strain reliefs and carries an IP20 level of ingress protection.

Technical Information

Series	ELV 12V / 24V
Max Load	30W / 45W
Minimum Load	1W (non-dimming); ELV-30: 18W, ELV-45: 27W (dimming)
Input Voltage	100-130V AC, 50/60Hz
Output Voltage	12V DC / 24V DC
Power Factor	0.95
Dimmable	Forward phase / Reverse phase / ELV / TRIAC
Efficiency	> 84%
Input Wire	12AWG max
Output Wire	12AWG max
Operating Temp.	-22°F - 122°F (-30°C - 50°C)
Rating	cETLus Listed (dry location)
Dimensions	7-1/16”L x 2-3/8”W x 1-3/8”H

Ordering Information

ELV-30-12	ELV 12V - 30W (0.41A input / 2.5A output at max load) Driver
ELV-45-12	ELV 12V - 45W (0.61A input / 3.75A output at max load) Driver
ELV-30-24	ELV 24V - 30W (0.76A input / 2.5A output at max load) Driver
ELV-45-24	ELV 24V - 45W (1A input / 3.33A output at max load) Driver

Features

- Class 2 12V or 24V constant voltage driver inside metal housing
- Available wattages include 60W and 80W
- Dimmable with standard leading edge dimmers (aka forward phase, MLV, Incandescent, TRIAC) and trailing edge dimmers (aka 2-wire reverse phase, ELV)
- 1/2” knockouts on both the primary and secondary ends
- cETLus Listed (wet locations*)
- RoHs Compliant

Wattage/Voltage Options

- 60JW (12V)
- 60JW (24V)
- 80JW (12V)
- 80JW (24V)

Dimming Options

- Forward phase
- Reverse phase
- ELV
- TRIAC

Listing / Ratings

Intertek

RoHS COMPLIANT

ELV 60J / 80J DC Driver - 12V / 24V

The 60W and 80W ELV drivers feature cETLus Listing with high reliability and Class 2 rating. Standard built-in protections include short circuit, over-current, over-voltage, and over temperature. ELV drivers can be used in dimming applications with a 60% minimum load attached; and in non-dimming appliations with no minimum load requirements. Metal housing features ventilation perforations, three 1/2” knockouts at end and carries an IP66 level of ingress protection.

Technical Information

Series	ELV 60J / 80J
Max Load	60W / 80W
Minimum Load	1W (non-dimming); ELV-60: 36W, ELV-80: 48W (dimming)
Input Voltage	100-130V AC, 50/60Hz
Output Voltage	12V DC / 24V DC
Power Factor	0.95
Dimmable	Forward phase / Reverse Phase / ELV / TRIAC
Efficiency	> 84%
Input Wire	5” 18AWG SJOW x3C
Output Wire	5” 18AWG SJOW x2C
Operating Temp.	-22°F - 122°F (-30°C - 50°C)
Rating	cETLus Listed (wet locations**)
Dimensions	13-3/4”L x 3”W x 2-5/16”H

*Must be mounted higher than 1 foot off the ground

Ordering Information

ELV-60J-12	ELV 60J 12V - 60W Driver
ELV-80J-12	ELV 80J 12V - 80W Driver
ELV-60J-24	ELV 60J 12V - 60W Driver
ELV-80J-24	ELV 80J 24V - 80W Driver

Features

- Constant voltage non-dimming plug-in driver
- Available in 12V and 24V options
- Wattages ranging from 40W up to 96W
- 6ft 18AWG power cord with 3-prong plug
- 5ft 18AWG tail with male DC jack
- cULus Listed (dry locations)

Wattage/Voltage Options

- 40W (12V / 24V)
- 60W (24V)
- 90W (24V)
- 96W (12V)

2-wire DC Adapter Accessory (DC-VPI)

2-wire DC Adapter Accessory (DC-HW)

Listing / Ratings

PS Plug-in Driver - 12V / 24V

Use one of these five constant voltage DC power supplies for non-dimming plug-in applications, based on the capacity and voltage needed. The DC-HW accessory can be used with Trulux tape light, ideally with a switched outlet since the driver does not include an inline switch. Use the DC-VPI for powering low voltage products with bare leads, such as LightStar reels. cULus Listed for use in dry locations.

Technical Information

Series	PS Plug-in 12V / 24V
Max Load	See ordering information
Minimum Load	N/A
Input Voltage	120V AC
Output Voltage	12V DC / 24V DC
Dimmable	N/A
Input Wire	6ft 18AWG power cord + 3-prong plug
Output Wire	5ft 18AWG tail with male DC jack
Rating	cULus Listed (dry locations)
Dimensions	5-3/4”L x 2”W x 1-1/4”H (40W)
	6-3/4”L x 2-3/8”W x 1-1/4”H (90W / 96W)

Ordering Information

PS-40-12VPI	PS Plug-in 12V - 40W Driver
PS-96-12VPI	PS Plug-in 12V - 96W Driver
PS-40-24VPI	PS Plug-in 24V - 40W Driver
PS-60-24VPI	PS Plug-in 24V - 60W Driver
PS-90-24VPI	PS Plug-in 24V - 90W Driver
DC-VPI	2-wire DC adapter cable - Bare wire to Female DC
DC-HW	2-wire DC adapter cable - Bare wire to Male DC

Features

- Class 2 12W Constant voltage dimmable plug-in driver (15-100% control with most TRIAC dimmers)
- Features terminal block for easy wiring and in-line rocker switch on power cord for convenient On/Off control
- 6ft 18AWG power cord with 2-prong plug
- 6ft lead lead wire with attached terminal block
- cETLus Listed as a Recognized Component (dry locations)

Wattage/Voltage Options

- 12W (12V)

Listing / Ratings

Intertek

PS Plug-in 12W Driver - 12V

This low profile dimmable plug-in driver has wire cover strain reliefs at both primary and secondary sides. It includes an attached terminal block to quickly connect low voltage lead wires. For dimming applications, a 4W minimum load must be met.

Technical Information

Series	PS Plug-in 12V
Max Load	12W
Minimum Load	3W (non-dimming); 4W (dimming)
Input Voltage	100-120V AC, 50/60Hz
Output Voltage	12V DC
Dimmable	15-100% (with TRIAC for most products)
Input Wire	6ft 18AWG power cord + 2-prong polarized plug
Output Wire	5ft 24AWG tail with 4-port terminal block
Rating	cETLus Recogized (dry locations)
Dimensions	5-1/4”L x 2”W x 11/16”H

Ordering Information

PS-12-12VPI-T	PS Plug-in 12V - 12W Driver

Features

- Constant voltage + Constant current mode output
- 3-in-1 dimming capable: 1~10VDC, 10V PWM and resistance dimming
- Maximum wattage output up to 60W
- Built-in active Power Factor Correction (PFC)
- Metal housing with Class I design and IP65 rating
- Auto-reset protection for short circuit & over-voltage
- cURus Listed to UL8750 Standard “Type HL”

Wattage/Voltage Options

- 60W (24V)

Dimming Options

- 1-10V DC
- 10V PWM
- Resistance Dimming

Listing / Ratings

0-10V Dimming 60W Driver - 24V

This Class 2 CCV-DR60-24* 0-10V dimming driver features a dual mode constant voltage and constant current output, an efficiency of 89.5%, and a metal housing with Class I design, allowing it to operate with a case temperature from -40°F to 176°F under free air convection. Standard built-in protections include short circuit, over-current, over-voltage, and over temperature. The sturdy metal housing carries an IP65 ingress protection allowing it to be used in both indoor and outdoor applications, with type HL rating for hazardous location use.

Technical Information

Series	CCV 60W
Max Load	60W
Minimum Load	1W (non-dimming); 36W (dimming)
Input Voltage	90-305V AC, 47~63Hz
Output Voltage	24V DC
Power Factor	≥0.98/115V AC, ≥0.95/230V AC, ≥0.92/277V AC at full load
Dimmable	1~10V DC, 10V PWM signal, and resistance
Efficiency	89.5%
Input Wire	11” 18AWG SJTW x3C
Output Wire	11” 18AWG SJTW x2C or 11” 18AWG x2C UL2517
Operating Temp.	-40°F - 176°F (-40°C - 80°C)
Rating	cURus Recognized (wet or dry locations; UL8750)
Dimensions	6-3/4”L x 2-7/16”W x 1-15/32”H

Ordering Information

CCV-DR60-24*	CCV 24V - 60W 0-10V Dimmable Driver

***CCV-DR60-24** Driver is available as special order only.
Please allow up to 2 weeks for order processing.

Features

- Constant voltage + Constant current mode output
- 3-in-1 dimming capable: 1~10VDC, 10V PWM and resistance dimming
- Wattages available from 100W up to 150W
- Built-in active Power Factor Correction (PFC)
- Metal housing with Class I design and IP65 rating
- Auto-reset protection for short circuit & over-voltage
- cURus Listed to UL8750 Standard “Type HL”

Wattage/Voltage Options

- 100W (24V)
- 150W (24V)

Dimming Options

- 1-10V DC
- 10V PWM
- Resistance Dimming

Listing / Ratings

0-10V Dimming 100W / 150W Drivers - 24V

These Class 2 CCV-DR* 0-10V dimming drivers feature dual mode constant voltage and constant current output, an efficiency of 93%, and metal housing with Class I design, allowing them to operate with case temperatures from -40°F to 194°F under free air convection. Standard built-in protections include short circuit, over-current, over-voltage, and over temperature. The sturdy metal housing carries an IP65 ingress protection allowing it to be used in both indoor and outdoor applications, with type HL rating for hazardous location use.

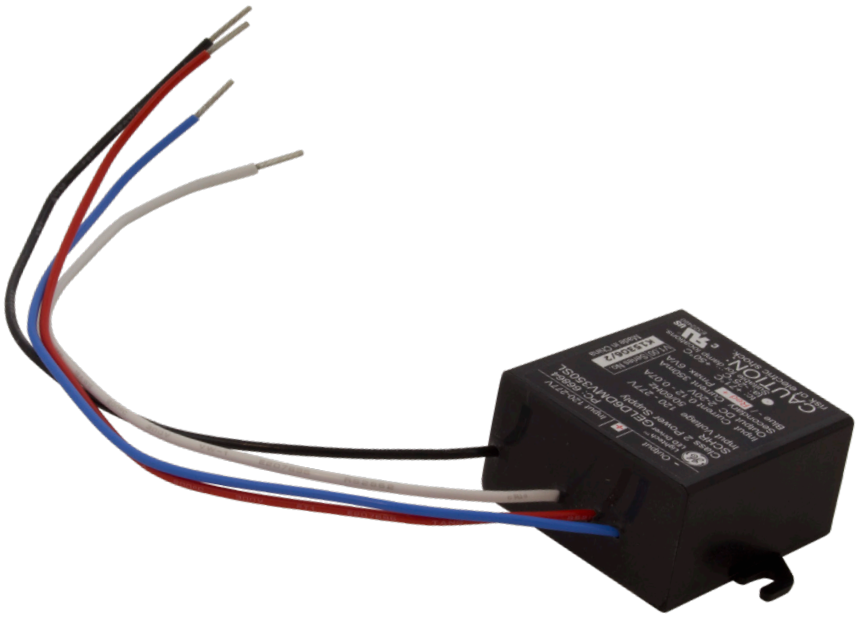
Technical Information

Series	CCV 100W / 150W
Max Load	100W / 150W
Minimum Load	1W (non-dimming); DR100: 40W, DR150: 90W (dimming)
Input Voltage	90-305V AC, 47~63Hz
Output Voltage	24V DC
Power Factor	≥0.98/115V AC, ≥0.95/230V AC, ≥0.92/277V AC at full load
Dimmable	1~10V DC, 10V PWM signal, and resistance
Efficiency	93%
Input Wire	11” 18AWG SJTW x3C
Output Wire	11” 18AWG SJTW x2C or 11” 14AWG SJTW x2C
Operating Temp.	-40°F - 194°F (-40°C - 90°C)
Rating	cURus Recognized (wet or dry locations)
Dimensions	9”L x 2-11/16”W x 1-1/2”H

Ordering Information

CCV-DR100-24*	CCV 24V - 100W 0-10V Dimmable Driver
CCV-DR150-24*	CCV 24V - 150W 0-10V Dimmable Driver

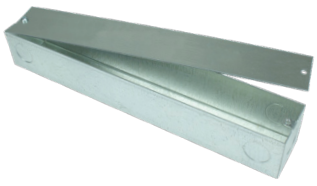
***CCV-DR100-24** / **CCV-DR150-24** Drivers available as special order only. Please allow up to 2 weeks for order processing.



Features

- Class 2, 6W 350mA constant current driver
- Compatible with ENCL-11 power supply enclosure
- Controls 1-4 LEDs in non-dimming applications
- Short circuit, input voltage surge, overload, and thermal protection
- Small metal housing has mounting tabs for securing in place
- cURus Recognized (dry and damp locations)
- RoHs Compliant

Compatible Power Supply Enclosure (ENCL-11)



Listing / Ratings

350mA 6W Driver

The LED-DR6-350 features universal 120-277V AC power input with high reliability and Class 2 rating. This constant current driver powers 1-4 350mA LEDs in non-dimming applications. Its compact design and sturdy metal housing allow it to cool by free air convection and operate at case temperatures from -13°F to 122°F in dry and damp locations. Convenient mounting tabs allow quick anchoring as needed.

Technical Information

Series	350mA
Max Load	6W
Minimum Load	1W
Input Voltage	120-277V AC, 50/60Hz
Output Current	350mA
Power Factor	0.5
Dimmable	N/A
Efficiency	70%
Input Wire	8” 18AWG
Output Wire	8” 18AWG
Operating Temp.	-13°F - 122°F (-25°C - 50°C)
Rating	cURus Recognized (dry and damp locations)
Dimensions	2-3/8”L x 2”W x 1”H

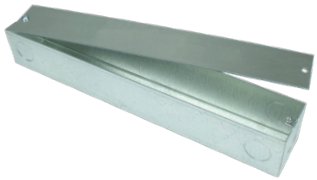
Ordering Information

LED-DR6-350	350mA - 6W Driver

Features

- Class 2, 16W 350mA constant current driver
- Compatible with ENCL-11 power supply enclosure
- Controls 3-11 LEDs in non-dimming applications
- Class II double insulation barrier for surge protection (no ground connection)
- Auto-reset protection for short circuit and over-voltage
- cURus Recognized (dry and damp locations)
- RoHs Compliant

Compatible Power Supply Enclosure (ENCL-11)



Listing / Ratings

350mA 16W Driver

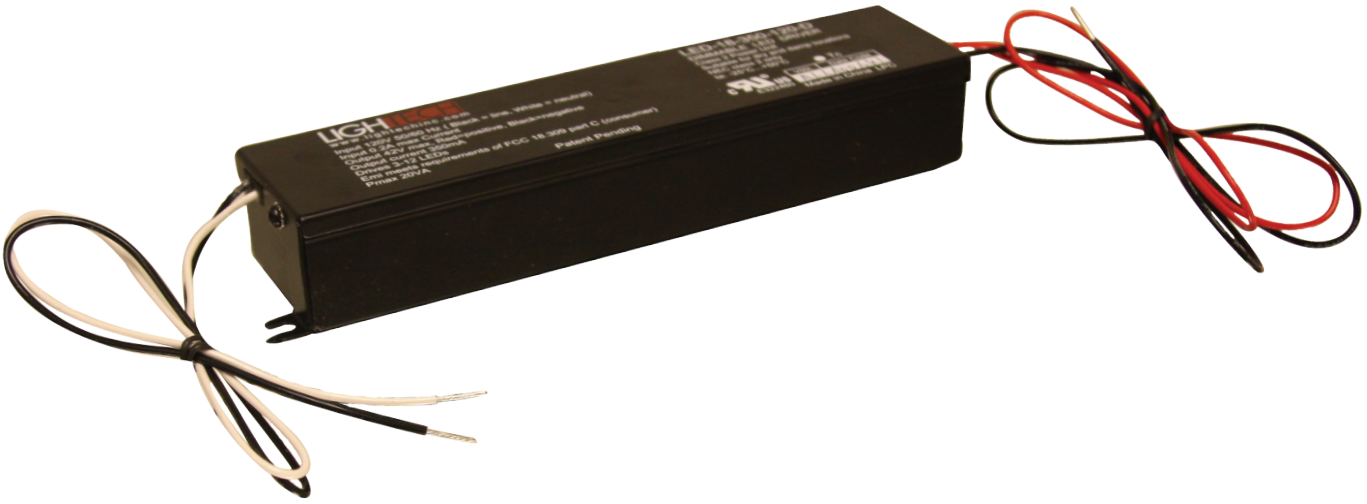
The LED-DR16-350 features universal 94-264V AC power input with high reliability and Class 2 rating. This constant current driver powers 3-11 350mA LEDs in non-dimming applications. Its compact, sturdy design and fully isolated Class II design, allow it to cool by free air convection and operate at case temperatures from -22°F to 158°F in dry and damp locations.

Technical Information

Series	LED-DR 350mA
Max Load	16W
Minimum Load	3.75W
Input Voltage	90-264V AC, 50/60Hz
Output Current	350mA
Dimmable	N/A
Efficiency	84%
Input Wire	5” 18AWG
Output Wire	5” 20AWG
Operating Temp.	-22°F - 158°F (-30°C - 70°C)
Rating	cURus Recognized (dry and damp locations)
Dimensions	3-1/2”L x 1-5/8”W x 1-3/16”H

Ordering Information

LED-DR16-350	350mA - 16W driver



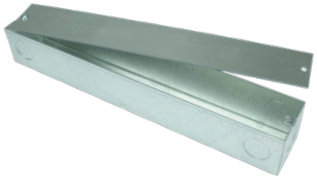
Features

- Class 2, 18W 350mA constant current driver
- Compatible with ENCL-11 power supply enclosure
- Controls 3-12 LEDs in dimming applications (dimming consumes 3W internally)
- cURus Recognized (dry and damp locations)
- RoHs Compliant

Dimming Options

- CL
- ELV

Compatible Power Supply Enclosure (ENCL-11)



Listing / Ratings

350mA 18W Driver

The LED-DR18-350D2 features universal 120-277V AC power input with high reliability and Class 2 rating. This constant current driver powers 3-12 350mA LEDs in dimming applications. Its compact, sturdy design and fully isolated Class II design, allow it to cool by free air convection and operate at case temperatures from -22°F to 158°F in dry and damp locations. Convenient mounting tabs allow quick anchoring as needed.

Technical Information

Series	350mA
Max Load	18W (non dimming); 15W (dimming)
Minimum Load	3W (non-dimming); 3.75W (dimming)
Input Voltage	120-277V AC, 50/60Hz
Output Current	350mA
Power Factor	0.96
Dimmable	ELV / CL (35 %)
Efficiency	85
Input Wire	8” 18AWG
Output Wire	8” 18AWG
Operating Temp.	-13°F - 122°F (-25°C - 50°C)
Rating	cURus Recognized (dry and damp locations)
Dimensions	6”L x 1-1/8”W x 1-3/16”H

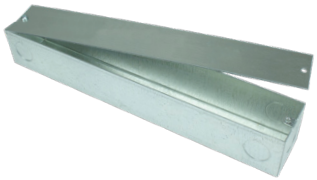
Ordering Information

LED-DR18-350D2	350mA - 18W Dimming driver

Features

- Class 2, 12W 700mA constant current driver
- Compatible with ENCL-11 power supply enclosure
- Controls 1-3 LEDs in non-dimming applications
- Class II double insulation barrier for surge protection (no ground connection)
- Auto-reset protection for short circuit and over-voltage
- cURus Recognized (dry and damp locations)
- RoHs Compliant

Compatible Power Supply Enclosure (ENCL-11)



Listing / Ratings

700mA 12W Driver

The LED-DR12-700 features universal 94-264V AC power input with high reliability and Class 2 rating. This constant current driver powers 1-3 700mA LEDs in non-dimming applications. Its compact, sturdy design and fully isolated Class II design, allow it to cool by free air convection and operate at case temperatures from -22°F to 158°F in dry and damp locations.

Technical Information

Series	700mA
Max Load	12W
Minimum Load	3W
Input Voltage	100-240V AC, 50/60Hz
Output Current	700mA
Dimmable	N/A
Efficiency	82%
Input Wire	5” 18AWG
Output Wire	5” 18AWG
Operating Temp.	-22°F - 158°F (-30°C - 70°C)
Rating	cURus Recognized (dry and damp locations)
Dimensions	3-1/2”L x 1-5/8”W x 1-3/16”H

Ordering Information

LED-DR12-700	700mA - 12W Driver

Features

- Class 2, 25W 70mA constant current driver
- Controls 3-6 LEDs in non-dimming applications
- Class II double insulation barrier for surge protection (no ground connection)
- Auto-reset protection for short circuit and over-voltage
- cURus Recognized (dry and damp locations)
- RoHs Compliant

Listing / Ratings

700mA 25W Driver

The LED-DR25-700 features universal 100-240V AC power input with high reliability and Class 2 rating. This constant current driver powers 3-6 700mA LEDs in non-dimming applications. Its compact, sturdy design and fully isolated Class II design, allow it to cool by free air convection and operate at case temperatures from -22°F to 158°F in dry and damp locations.

Technical Information

Series	700mA
Max Load	25W
Minimum Load	8W
Input Voltage	100-240V AC, 50/60Hz
Output Current	700mA
Dimmable	N/A
Efficiency	83%
Input Wire	5” 18AWG
Output Wire	5” 18 AWG
Operating Temp.	-22°F - 158°F (-30°C - 70°C)
Rating	cURus Recognized (dry and damp locations)
Dimensions	3-3/8”L x 2-1/4”W x 1-1/8”H

Ordering Information

LED-DR25-700	700mA - 25W driver

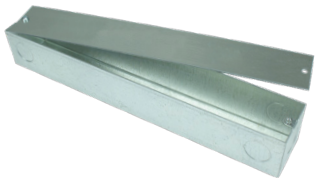
Features

- Class 2, 33W 700mA constant current driver
- Compatible with enclosure housing (ENCL-11)
- Controls 1-10 LEDs
  (dimming consumes power internally)
- cURus Recognized (dry and damp locations)
- RoHs Compliant

Dimming Options

- CL
- ELV

Compatible Power Supply Enclosure (ENCL-11)



Listing / Ratings

700mA 36W Driver

The LED-DR18-700D features universal 120-277V AC power input with high reliability and Class 2 rating. This constant current driver powers 1-10 350mA LEDs in dimming applications. Its compact, sturdy design and fully isolated Class II design, allow it to cool by free air convection and operate at case temperatures from -13°F to 113°F in dry and damp locations. Convenient mounting tabs allow quick anchoring as needed.

Technical Information

Series	700mA
Max Load	33W (non dimming); 33W (dimming)
Minimum Load	3W
Input Voltage	120-277V AC, 50/60Hz
Output Current	700mA
Power Factor	0.97
Dimmable	ELV / CL (35 %)
Efficiency	89
Input Wire	8” 18AWG
Output Wire	8” 18AWG
Operating Temp.	-13°F - 113°F (-25°C - 45°C)
Rating	cURus Recognized (dry and damp locations)
Dimensions	6”L x 1-1/8”W x 1-3/16”H

Ordering Information

LED-DR36-700D	700mA - 33W Driver

Features

- 30W 12V or 24V AC Class 2 dimmable driver
- Stainless steel enclosure with powder coat finish, hinged tension fit door, and hang tab
- (2) 1/2” knockouts
- Manual reset switch
- Requires 12” clearance above and around housing if load exceeds 80% of total capacity
- Thermal-magnetic breakers on both primary and secondary side with manual reset
- Nema 3R - Indoor and outdoor use
- cETLus Listed

Wattage/Voltage Options

- 30W (12V)
- 30W (24V)

Dimming Options

- TRIAC
- MLV

Listing / Ratings

LED-TR 30W Magnetic Transformer -12V / 24V

Dimmable with leading edge dimmers (aka forward-phase, TRIAC, magnetic low voltage, incandescent) while operating quietly and efficiently. A 40% minimum load is required for dimming applications. The stainless steel housing features power coat finish, hang tab and 1/2” knockouts. Rated Nema 3R for indoor and outdoor use.

Technical Information

Series	LED-TR 12V / 24V
Max Load	30W
Minimum Load	12W (40%)
Input Voltage	120V AC, 60Hz
Output Voltage	12V AC / 24V AC, 120Hz*
Dimmable	TRIAC / MLV
Input Wire	N/A (input power via internal terminal block)
Output Wire	N/A (output power via internal terminal block)
Operating Temp.	Up to 131°F (55°C)
Rating	cETLus Listed; Nema 3R - Indoor and outdoor
Dimensions	6”L x 3-1/8”W x 1-1/2”H

* Since the output is 12V or 24V AC at 120Hz, it is not recommended for linear LED products, Trulux products, or Festoon Light String with LED modules.

Ordering Information

LED-TR-30-12	LED-TR 12V AC - 30W Magnetic Transformer
LED-TR-30-24	LED-TR 24V AC - 30W Magnetic Transformer

Features

- 12V or 24V AC dimmable driver
- Wattages ranging from 60W up to 150W
- Stainless steel enclosure with powder coat finish, hinged tension fit door, and hang tab
- (3) 1/2” knockouts
- Manual reset switch
- Requires 12” clearance above and around housing if load exceeds 80% of total capacity
- Nema 3R - Indoor and outdoor use
- Thermal-magnetic breakers on both primary and secondary side with manual reset
- cETLus Listed

Wattage/Voltage Options

- 60W (12V / 24V)
- 100W (12V / 24V)
- 150W (12V / 24V)

Dimming Options

- TRIAC
- MLV

Listing / Ratings

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LED-TR Magnetic Transformer - 12V / 24V

Dimmable with leading edge dimmers (aka forward-phase, TRIAC, magnetic low voltage, incandescent) while operating quietly and efficiently. A 40% minimum load is required for dimming applications. The stainless steel housing features power coat finish, hang tab and 1/2” knockouts. Rated Nema 3R for indoor and outdoor use.

Technical Information

Series	LED-TR 12V / 24V
Max Load	60W / 100W / 150W
Minimum Load	40%
Input Voltage	120V AC, 60Hz
Output Voltage	12V AC / 24V AC, 120Hz*
Dimmable	TRIAC / MLV
Input Wire	N/A
Output Wire	N/A
Operating Temp.	Up to 131°F (55°C)
Rating	cULLus Listed; Nema 3R - Indoor and outdoor
Dimensions	9-1/4”L x 3”W x 3”H (60W)
	9-1/2”L x 4”W x 4”H (100W / 150W)

* Since the output is 12V or 24V AC at 120Hz, it is not recommended for linear LED products, Trulux products, or Festoon Light String with LED modules.

Ordering Information

LED-TR-60-12	LED-TR 12V AC - 60W Magnetic Transformer
LED-TR-100-12	LED-TR 12V AC - 100W Magnetic Transformer
LED-TR-150-12	LED-TR 12V AC - 150W Magnetic Transformer
LED-TR-60-24	LED-TR 24V AC - 60W Magnetic Transformer
LED-TR-100-24	LED-TR 24V AC - 100W Magnetic Transformer
LED-TR-150-24	LED-TR 24V AC - 150W Magnetic Transformer