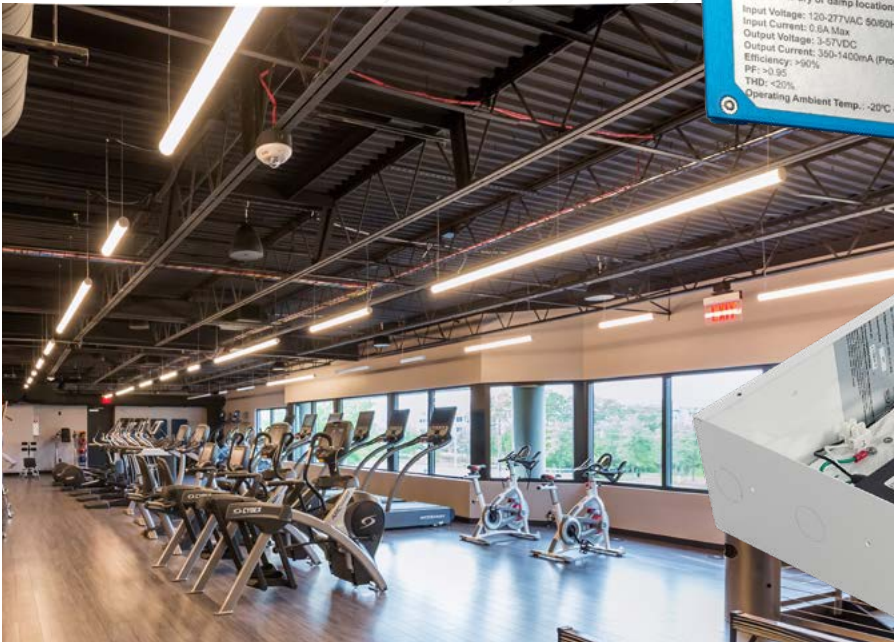
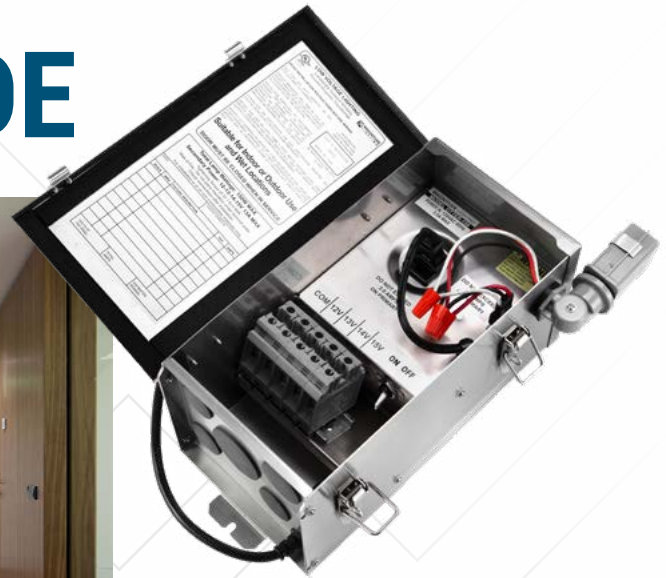
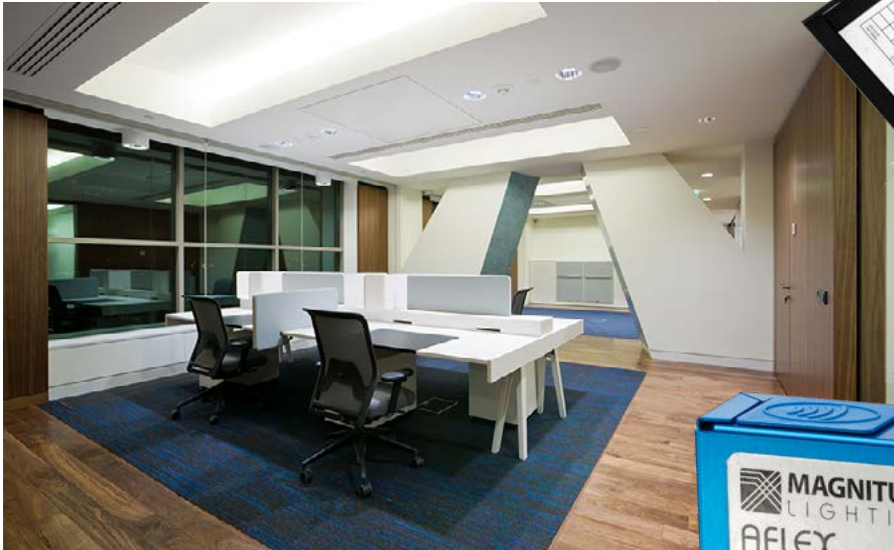


PRODUCT SELECTION GUIDE



Delivering a Full Suite of **Advanced LED Driver Solutions & Lighting Transformers**



- Comprehensive Driver & Power Technology Portfolio
- Specification and Private Label Solutions
- World-Class Manufacturing Partnerships
- Coast to Coast Coverage
- Application Engineering
- Standard 5-Year Warranty
- Design Capability

RESEARCH & DEVELOPMENT

- Product Design
- Development
- Engineering

OUR CAPABILITIES INCLUDE

- Low Voltage Power Solutions for Commercial & Residential
- Constant Current & Constant Voltage Solutions for Consumer & Industry Professionals
- Specification Products for Lighting, Fixture Design & General Use
- Product Development and Design
- Packaging and Private Label Solutions

Magnitude Lighting is an independent LED power company that focuses on LED drivers and transformers for Commercial, Industrial and Residential applications. With a remarkable longevity in LED Technology since 2008, Magnitude Lighting is one of the first companies in the industry to bring dimmable LED drivers into the linear lighting market.

Headquartered in Tustin, CA., our in-house design and engineering team continues to push the boundary of dimmable LED lighting innovation across the full spectrum of LED Drivers. Our advanced manufacturing, customer support capabilities and superior R&D enable us to create and tailor power supply and transformer solutions to address the needs of an ever-evolving LED market.



PRODUCT SELECTION GUIDE

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ELECTRONIC DRIVERS Constant Voltage

E-SERIES 4

120VAC Input | SINGLE Channel 12 OR
24VDC Output | LISTED Enclosure

120VAC Input | SINGLE Channel 12 OR
24VDC Output | RECOGNIZED Enclosure

EZJ-BOX | E-SERIES 5

120VAC Input | MULTI-Channel 12 OR
24VDC Output

JUNCTION BOX (JB) SERIES | E-SERIES 5

120VAC Input | MULTI-Channel 12 OR
24VDC Output

LINDRIVE 6

120VAC Input | SINGLE Channel 12 OR
24VDC Output | LISTED Enclosure

SOLIDRIVE SERIES 7

0-10V DIMMABLE

120-277VAC Input | SINGLE Channel 12, 24,
36, OR 48VDC Output | LISTED Enclosure
with Junction Box

120-277VAC Input | SINGLE Channel 12, 24,
36, OR 48VDC Output Enclosure

NON DIMMABLE

120-277VAC Input | SINGLE Channel 12, 24,
36, OR 48VDC Output | LISTED Enclosure
with Junction Box

120-277VAC Input | SINGLE Channel 12, 24,
36, OR 48VDC Output Enclosure

SOLIDRIVE MAX

Constant Voltage Phase-Cut ELV/MLV or
0-10V Dimmable LED Drivers

SOLIDRIVE PRO-V

Constant Voltage Phase-Cut Dimmable LED
Drivers

EZJ-BOX | SOLIDRIVE 9

120-277VAC Input | Multi-Channel
12, 24, 36 or 48VDC Output

JUNCTION BOX (JB) SERIES | SOLIDRIVE 10

0-10V DIMMABLE

120-277VAC Input | MULTI-Channel 12 OR
24VDC Output

NON DIMMABLE

120-277VAC Input | MULTI-Channel 12 OR
24VDC Output

ELECTRONIC DRIVERS Constant Current

JB SERIES 11

UL listed Junction Boxes with
synchronized and multi-channel dimming

AFLEX SERIES 12

COMPACT Enclosure Programmable Up to 60W

120-277VAC Input | 3-57VDC Output |
Compact SIDE Feed Enclosure

120-277VAC Input | 3-57VDC Output |
Compact DUAL Feed Enclosure

LINEAR Enclosure Programmable Up to 100W

120-277VAC Input | 3-57VDC Output

120-277VAC Input | 3-50VDC Output

JUNCTION BOX (JB) SERIES | AFLEX 13

CCT-SERIES 14

120VAC Input | 8-40VDC Output

SR-SERIES 14

9-15VAC / VDC Input | 6-12VDC Output

MAGNETIC DRIVERS Constant Voltage

M-SERIES 15

120V Input | SINGLE Channel 12
OR 24VDC Output

277V Input | MULTI Channel 12
OR 24VDC Output

AC-SERIES - AC Transformers 16

120V Input | SINGLE Tap 12
OR 24VAC Output

277V Input | SINGLE Tap 12
OR 24VAC Output

T-SERIES 17

120V Input | MULTI Channel 12
OR 24VDC Output

X-SERIES - AC Transformers 17

120V Input | MULTI Tap 12 / 24VAC
Output

MAGNITUDE OTTER™ OUTDOOR LANDSCAPE TRANSFORMER 18

150W & 300W Outdoor Stainless-steel
Landscape Transformers



ELECTRONIC DRIVERS Constant Voltage

ELECTRONIC DRIVERS Constant Current

MAGNETIC DRIVERS Constant Voltage

E-SERIES

An electronic Class 2, phase dimmable LED driver with an extremely compact, low profile aluminum case making it the perfect choice for under cabinet lighting, kick/cove lighting, mirror lighting and multiple other residential and commercial lighting fixture applications.

ELECTRONIC

Constant Voltage
Phase Dimmable
120VAC Input

SINGLE CHANNEL

12 OR 24VDC Output
LISTED OR
RECOGNIZED
Enclosure



DIM DOWN TO 1%

NOM

NEMA 3R

IP67

12 / 24VDC



CLASS 2 120VAC



RoHS Compliant

5 YEAR WARRANTY



E-SERIES LISTED

6.77" L x 2.67" W x 1.30" H

NEMA 3R



E-SERIES RECOGNIZED

4.92" L x 2.20" W x 0.79" H
Wet Location Listed

IP67

120VAC Input | SINGLE Channel 12 OR 24VDC Output | LISTED Enclosure with Junction Box

Part Number	Max Load	Input	Output	Dimming	Class 2	Environment
E20L12DC	20W	120VAC	12VDC	Phase	Yes	Dry/Damp/NEMA 3R
E40L12DC	40W	120VAC	12VDC	Phase	Yes	Dry/Damp/NEMA 3R
E60L12DC	60W	120VAC	12VDC	Phase	Yes	Dry/Damp/NEMA 3R
E20L24DC	20W	120VAC	24VDC	Phase	Yes	Dry/Damp/NEMA 3R
E40L24DC	40W	120VAC	24VDC	Phase	Yes	Dry/Damp/NEMA 3R
E60L24DC	60W	120VAC	24VDC	Phase	Yes	Dry/Damp/NEMA 3R
E75L24DC	75W	120VAC	24VDC	Phase	Yes	Dry/Damp/NEMA 3R
E96L24DC	96W	120VAC	24VDC	Phase	Yes	Dry/Damp/NEMA 3R

120VAC Input | SINGLE Channel 12 OR 24VDC Output | RECOGNIZED Enclosure with Junction Box

Part Number	Max Load	Input	Output	Dimming	Class 2	Environment
E20R12DC	20W	120VAC	12VDC	Phase	Yes	Dry/Damp/Wet/IP67
E40R12DC	40W	120VAC	12VDC	Phase	Yes	Dry/Damp/Wet/IP67
E60R12DC	60W	120VAC	12VDC	Phase	Yes	Dry/Damp/Wet/IP67
E20R24DC	20W	120VAC	24VDC	Phase	Yes	Dry/Damp/Wet/IP67
E40R24DC	40W	120VAC	24VDC	Phase	Yes	Dry/Damp/Wet/IP67
E60R24DC	60W	120VAC	24VDC	Phase	Yes	Dry/Damp/Wet/IP67
E75R24DC	75W	120VAC	24VDC	Phase	Yes	Dry/Damp/Wet/IP67
E96R24DC	96W	120VAC	24VDC	Phase	Yes	Dry/Damp/Wet/IP67

Key Features

- Super Compact Aluminum Case
- Wiring Compartments with Knock-Outs for Clean and Easy Installation
- Auto-Reset Protection for Short Circuits & Over-Voltage
- Flicker-Free Dimming to 1% with any Standard MLV TRIAC Dimmer
- NEMA 3R Rated Enclosure for Indoor and Outdoor Use
- UL 8750, Class 2
- Component Signage Listing Certification: UL 879 CSA 22.2 No. 207-M89 (recognized version only)



ELECTRONIC DRIVERS Constant Voltage

ELECTRONIC DRIVERS Constant Current

MAGNETIC DRIVERS Constant Voltage

EZJ-BOX | E-SERIES

ELECTRONIC MULTI-CHANNEL

Constant Voltage
Phase Dimmable
120VAC Input
12 OR 24VDC Output
LISTED Junction Box

The EZJ-BOX | E-SERIES uses Magnitude's E-SERIES electronic Class 2, phase dimmable LED driver and is available in 2 or 3 channel configurations.



11.00" L x 12.00" W x 2.13"H
2 OR 3 Channels
Mounts Vertically or Horizontally

120VAC Input | MULTI-Channel 12 OR 24VDC Output

Part Number	Max Load	Input	Output	Dimming	Class 2	Environment
EZJ120L12DC	60W x 2 (120W)	120VAC	12VDC	Phase	Yes	Dry
EZJ180L12DC	60W x 3 (180W)	120VAC	12VDC	Phase	Yes	Dry
EZJ192L24DC	96W x 2 (192W)	120VAC	24VDC	Phase	Yes	Dry
EZJ288L24DC	96W x 3 (288W)	120VAC	24VDC	Phase	Yes	Dry

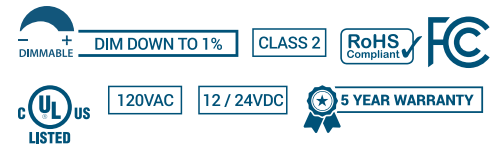


JUNCTION BOX (JB) SERIES | E-SERIES

ELECTRONIC MULTI-CHANNEL

Constant Voltage
Phase Dimmable
120VAC Input
12 OR 24VDC Output
LISTED Junction Box

The JB | E-SERIES uses Magnitude's E-SERIES electronic Class 2, phase dimmable LED driver and is available in 2 to 9 channel configurations. Offered in recessed and surface mount. Individual dimming channels available.



120VAC Input | MULTI-Channel 12 OR 24VDC Output

Part Number	Max Load	Input	Output	Dimming	Class 2	Environment
JB-2-E60R12DC-□□	2 x 60W (120W)	120VAC	12VDC	Phase	Yes	Dry
JB-3-E60R12DC-□□	3 x 60W (180W)	120VAC	12VDC	Phase	Yes	Dry
JB-4-E60R12DC-□□	4 x 60W (240W)	120VAC	12VDC	Phase	Yes	Dry
JB-5-E60R12DC-□□	5 x 60W (300W)	120VAC	12VDC	Phase	Yes	Dry
JB-6-E60R12DC-□□	6 x 60W (360W)	120VAC	12VDC	Phase	Yes	Dry
JB-7-E60R12DC-□□	7 x 60W (420W)	120VAC	12VDC	Phase	Yes	Dry
JB-8-E60R12DC-□□	8 x 60W (480W)	120VAC	12VDC	Phase	Yes	Dry
JB-9-E60R12DC-□□	9 x 60W (540W)	120VAC	12VDC	Phase	Yes	Dry
JB-2-E96R24DC-□□	2 x 96W (192W)	120VAC	24VDC	Phase	Yes	Dry
JB-3-E96R24DC-□□	3 x 96W (288W)	120VAC	24VDC	Phase	Yes	Dry
JB-4-E96R24DC-□□	4 x 96W (384W)	120VAC	24VDC	Phase	Yes	Dry
JB-5-E96R24DC-□□	5 x 96W (480W)	120VAC	24VDC	Phase	Yes	Dry
JB-6-E96R24DC-□□	6 x 96W (576W)	120VAC	24VDC	Phase	Yes	Dry
JB-7-E96R24DC-□□	7 x 96W (672W)	120VAC	24VDC	Phase	Yes	Dry
JB-8-E96R24DC-□□	8 x 96W (768W)	120VAC	24VDC	Phase	Yes	Dry
JB-9-E96R24DC-□□	9 x 96W (864W)	120VAC	24VDC	Phase	Yes	Dry



2 TO 4 CHANNEL
17.85" L x 15.00" W x 4.17"H



5 TO 9 CHANNELS
34.70" L x 15.00" W x 4.17"H

ELECTRONIC DRIVERS

Constant Voltage

ELECTRONIC DRIVERS

Constant Current

MAGNETIC DRIVERS

Constant Voltage

LINDRIVE

An electronic Class 2, phase dimmable LED driver with a low profile hard plastic case making it the perfect choice for lower power tape lighting, kick/cove lighting, under cabinet lighting and multiple other residential and commercial lighting applications.

ELECTRONIC

Constant Voltage
Phase Dimmable
100-130VAC Input

SINGLE CHANNEL

12 OR 24VDC Output
LISTED Enclosure



ORDERING GUIDE Example: SLT20L12DC

Part Number	Max Load	Input	Output	Dimming	Class 2	Environment
SLT20L12DC	20W	120VAC	12VDC	Phase	Yes	Dry/Damp/NEMA 3R
SLT40L12DC	40W	120VAC	12VDC	Phase	Yes	Dry/Damp/NEMA 3R
SLT60L12DC	60W	120VAC	12VDC	Phase	Yes	Dry/Damp/NEMA 3R
SLT20L24DC	20W	120VAC	24VDC	Phase	Yes	Dry/Damp/NEMA 3R
SLT40L24DC	40W	120VAC	24VDC	Phase	Yes	Dry/Damp/NEMA 3R
SLT60L24DC	60W	120VAC	24VDC	Phase	Yes	Dry/Damp/NEMA 3R



Key Features

- Side Feed Terminal Blocks for Easy Wiring and Installation Eliminating the Need for a Separate Junction Box.
- Phase Dimmable with Leading Edge TRIAC Dimmers.
- Auto Reset, Over Current and Short Circuit Protection
- Up to 90% Efficiency
- ETL Listed
- Low Profile Hard Plastic Case (No Ground Required)

ELECTRONIC DRIVERS

Constant Voltage

ELECTRONIC DRIVERS

Constant Current

MAGNETIC DRIVERS

Constant Voltage

SOLIDRIVE SERIES

An electronic Class 2, 0-10V dimmable LED driver with an integrated junction box making it the perfect choice for tape lighting, tube lighting, linear lighting and multiple other commercial lighting applications.

0-10V DIMMABLE

120-277VAC Input SINGLE Channel 12, 24, 36, OR 48VDC Output with Junction Box						
Part Number	Max Load	Input	Output	Dimming	Class 2, Class P	Environment
CVD50L12DC	50W	120-277VAC	12VDC	0-10V	Yes	Dry/Damp/IP66
CVD30L24DC	30W	120-277VAC	24VDC	0-10V	Yes	Dry/Damp/IP66
CVD30L48DC	30W	120-277VAC	48VDC	0-10V	Yes	Dry/Damp/IP66
CVD60L24DC	60W	120-277VAC	24VDC	0-10V	Yes	Dry/Damp/IP66
CVD60L48DC	60W	120-277VAC	48VDC	0-10V	Yes	Dry/Damp/IP66
CVD96L24DC	96W	120-277VAC	24VDC	0-10V	Yes	Dry/Damp/IP66
CVD96L36DC	96W	120-277VAC	36VDC	0-10V	Yes	Dry/Damp/IP66
CVD96L48DC	96W	120-277VAC	48VDC	0-10V	Yes	Dry/Damp/IP66

120-277VAC Input SINGLE Channel 12, 24, 36, OR 48VDC Output						
Part Number	Max Load	Input	Output	Dimming	Class 2, Class P	Environment
CVD50R12DC	50W	120-277VAC	12VDC	0-10V	Yes	Dry and Damp, IP66
CVD30R24DC	30W	120-277VAC	24VDC	0-10V	Yes	Dry and Damp, IP66
CVD30R48DC	30W	120-277VAC	48VDC	0-10V	Yes	Dry and Damp, IP66
CVD60R24DC	60W	120-277VAC	24VDC	0-10V	Yes	Dry and Damp, IP66
CVD60R48DC	60W	120-277VAC	48VDC	0-10V	Yes	Dry and Damp, IP66
CVD96R24DC	96W	120-277VAC	24VDC	0-10V	Yes	Dry and Damp, IP66
CVD96R36DC	96W	120-277VAC	36VDC	0-10V	Yes	Dry and Damp, IP66
CVD96R48DC	96W	120-277VAC	48VDC	0-10V	Yes	Dry and Damp, IP66

NON DIMMABLE

120-277VAC Input SINGLE Channel 12, 24, 36, OR 48VDC Output with Junction Box						
Part Number	Max Load	Input	Output	Dimming	Class 2, Class P	Environment
CVN50L12DC	50W	120-277VAC	12VDC	Non-Dim	Yes	Dry and Damp, IP66
CVN30L24DC	30W	120-277VAC	24VDC	Non-Dim	Yes	Dry and Damp, IP66
CVN30L48DC	30W	120-277VAC	48VDC	Non-Dim	Yes	Dry and Damp, IP66
CVN60L24DC	60W	120-277VAC	24VDC	Non-Dim	Yes	Dry and Damp, IP66
CVN60L48DC	60W	120-277VAC	48VDC	Non-Dim	Yes	Dry and Damp, IP66
CVN96L24DC	96W	120-277VAC	24VDC	Non-Dim	Yes	Dry and Damp, IP66
CVN96L36DC	96W	120-277VAC	36VDC	Non-Dim	Yes	Dry and Damp, IP66
CVN96L48DC	96W	120-277VAC	48VDC	Non-Dim	Yes	Dry and Damp, IP66

120-277VAC Input SINGLE Channel 12, 24, 36, OR 48VDC Output RECOGNIZED Enclosure						
Part Number	Max Load	Input	Output	Dimming	Class 2, Class P	Environment
CVN50R12DC	50W	120-277VAC	12VDC	Non-Dim	Yes	Dry and Damp, IP66
CVN30R24DC	30W	120-277VAC	24VDC	Non-Dim	Yes	Dry and Damp, IP66
CVN30R48DC	30W	120-277VAC	48VDC	Non-Dim	Yes	Dry and Damp, IP66
CVN60R24DC	60W	120-277VAC	24VDC	Non-Dim	Yes	Dry and Damp, IP66
CVN60R48DC	60W	120-277VAC	48VDC	Non-Dim	Yes	Dry and Damp, IP66
CVN96R24DC	96W	120-277VAC	24VDC	Non-Dim	Yes	Dry and Damp, IP66
CVN96R36DC	96W	120-277VAC	36VDC	Non-Dim	Yes	Dry and Damp, IP66
CVN96R48DC	96W	120-277VAC	48VDC	Non-Dim	Yes	Dry and Damp, IP66

ELECTRONIC SINGLE CHANNEL

Constant Voltage 12, 24, 36,
0-10V OR OR 48VDC
NON Dimmable
120-277VAC Input



TYPE HL 12 / 24 / 36 / 48VDC 120 - 277VAC IP66

Key Features

- Universal 120-277VAC Input Voltage for Residential, Commercial, and Industrial Use
- Auxiliary Power Output
- Current Limiting Overload Protection
- Flicker-Free Dimming to 1% (0-10V)
- Smooth Ripple Free Output Voltage
- Wiring Compartments with Knock-Outs for Clean and Easy Installation
- IP66 Rated Enclosure for Indoor and Outdoor Use
- UL 8750, Class 2, Class P
- UL 2043/Plenum Rated

LISTED
12.10" L x 2.36" W x 1.40"H

RECOGNIZED
6.80" L x 2.36" W x 1.40"H



ELECTRONIC DRIVERS Constant Voltage

ELECTRONIC DRIVERS Constant Current

MAGNETIC DRIVERS Constant Voltage

SOLIDRIVE MAX

MLV/ELV/ 0-10

SOLIDRIVE MAX							
Part Number	Max Load	Input	Output	Dimming	Class 2, Class P	Environment	Junction Box
VPD30L24DC	30W	120-277VAC	24VDC	Phase Cut Forward & Reverse 0-10	YES	IP66	YES
VPD30R24DC	30W	120-277VAC	24VDC	Phase Cut Forward & Reverse 0-10	YES	IP66	NO
VPD60L24DC	60W	120-277VAC	24VDC	Phase Cut Forward & Reverse 0-10	YES	IP66	YES
VPD60R24DC	60W	120-277VAC	24VDC	Phase Cut Forward & Reverse 0-10	YES	IP66	NO
VPD96L24DC	96W	120-277VAC	24VDC	Phase Cut Forward & Reverse 0-10	YES	IP66	YES
VPD96R24DC	96W	120-277VAC	24VDC	Phase Cut Forward & Reverse 0-10	YES	IP66	NO

UL LISTED Enclosure
without Junction Box
7.50" L x 2.36" W x 1.40"H



UL LISTED Enclosure
with Integrated Junction Box
12.1" L x 2.36" W x 1.40"H

SOLIDRIVE PRO-V

MLV/ELV

SOLIDRIVE PRO-V							
Part Number	Max Load	Input	Output	Dimming	Class 2, Class P	Environment	Junction Box
VOP30L24DC	30W	120-277VAC	24VDC	Phase Cut Forward & Reverse	YES	IP66	YES
VOP30R24DC	30W	120-277VAC	24VDC	Phase Cut Forward & Reverse	YES	IP66	NO
VOP60L24DC	60W	120-277VAC	24VDC	Phase Cut Forward & Reverse	YES	IP66	YES
VOP60R24DC	60W	120-277VAC	24VDC	Phase Cut Forward & Reverse	YES	IP66	NO
VOP96L24DC	96W	120-277VAC	24VDC	Phase Cut Forward & Reverse	YES	IP66	YES
VOP96R24DC	96W	120-277VAC	24VDC	Phase Cut Forward & Reverse	YES	IP66	NO

UL LISTED Enclosure
with Integrated Junction Box
12.1" L x 2.36" W x 1.40"H



UL LISTED Enclosure
without Junction Box
7.50" L x 2.36" W x 1.40"H



ELECTRONIC DRIVERS
Constant Voltage

ELECTRONIC DRIVERS
Constant Current

MAGNETIC DRIVERS
Constant Voltage

EZJ-BOX | SOLIDRIVE

ELECTRONIC MULTI-CHANNEL

Constant Voltage 12, 24, 36, OR 48VDC
0-10V Dimmable
120-277VAC Input
LISTED Junction Box

The EZJ-BOX includes a UL listed junction box enclosure with the SOLIDRIVE-SERIES electronic Class 2, 0-10V dimmable LED driver installed in a 2 channel configuration. Designed to speed the installation of remote mounted low voltage wiring projects, the EZJ-BOX utilizes terminal blocks and a simple UL listed enclosure that can be mounted vertically or horizontally.



10.94" L x 11.85" W x 2.30" H
2 CHANNELS
LISTED Junction Box



SELV

TYPE HL

CLASS 2

RoHS Compliant



120-277VAC



12 / 24 / 36 / 48VDC

EZJ-BOX (2 CHANNEL SURFACE MOUNT)

- Mounts Vertically or Horizontally
- Pre-Wired with Terminal Blocks for Ease of Installation

120-277VAC Input MULTI-Channel 12,24,36, OR 48VDC Output (0-10V Dimming)						
Part Number	Max Load	Input	Output	Dimming	Class 2	Environment
EZJS-D-100-12DC	50WX2 (100W)	120-277VAC	12V	0-10V	Yes	Dry
EZJS-D-60-24DC	30WX2 (60W)	120-277VAC	24V	0-10V	Yes	Dry
EZJS-D-120-24DC	60WX2 (120W)	120-277VAC	24V	0-10V	Yes	Dry
EZJS-D-192-24DC	96WX2 (192W)	120-277VAC	24V	0-10V	Yes	Dry
EZJS-D-192-36DC	96WX2 (192W)	120-277VAC	36V	0-10V	Yes	Dry
EZJS-D-192-48DC	96WX2 (192W)	120-277VAC	48V	0-10V	Yes	Dry

120-277VAC Input MULTI-Channel 12,24,36, OR 48VDC Output (Non-dimming)					
Part Number	Max Load	Input	Output	Class 2	Environment
EZJS-N-100-12DC	50WX2 (100W)	120-277VAC	12V	Yes	Dry
EZJS-N-60-24DC	30WX2 (60W)	120-277VAC	24V	Yes	Dry
EZJS-N-120-24DC	60WX2 (120W)	120-277VAC	24V	Yes	Dry
EZJS-N-192-24DC	96WX2 (192W)	120-277VAC	24V	Yes	Dry
EZJS-N-192-36DC	96WX2 (192W)	120-277VAC	36V	Yes	Dry
EZJS-N-192-48DC	96WX2 (192W)	120-277VAC	48V	Yes	Dry

120-277VAC Input MULTI-Channel 24V Output (Phase-cut dimming)					
Part Number	Max Load	Input	Output	Class 2	Environment
EZJ-S-P-060-24DC	30WX2 (60W)	120-277VAC	24V	Yes	Dry
EZJ-S-P-120-24DC	60WX2 (120W)	120-277VAC	24V	Yes	Dry
EZJ-S-P-192-24DC	96WX2 (192W)	120-277VAC	24V	Yes	Dry

ELECTRONIC DRIVERS
Constant Voltage

ELECTRONIC DRIVERS
Constant Current

MAGNETIC DRIVERS
Constant Voltage

JUNCTION BOX (JB) SERIES | SOLIDRIVE

ELECTRONIC

Constant Voltage 0-10V OR
NON Dimmable 120-277VAC Input

MULTI-CHANNEL

12, 24, 36, 48VDC Output LISTED
Junction Box

The JB | SOLIDRIVE uses Magnitude's SOLIDRIVE electronic Class 2, 0-10V dimmable LED driver and is available in 2 to 7 channel configurations. Individual dimming channels available.



DIM DOWN TO 1%

CLASS 2



120VAC

12 / 24VDC

SOLIDRIVE



TYPE HL

12 / 24 / 36 / 48VDC

120 - 277VAC

0-10V DIMMABLE

120-277VAC Input | MULTI-Channel 12 OR 24VDC Output

Part Number	Max Load	Input	Output	Dimming	Class 2	Environment
JB-2-CVD50R12DC-□□	2 x 50W (100W)	120-277VAC	12VDC	0-10V	Yes	Dry
JB-3-CVD50R12DC-□□	3 x 50W (150W)	120-277VAC	12VDC	0-10V	Yes	Dry
JB-4-CVD50R12DC-□□	4 x 50W (200W)	120-277VAC	12VDC	0-10V	Yes	Dry
JB-5-CVD50R12DC-□□	5 x 50W (250W)	120-277VAC	12VDC	0-10V	Yes	Dry
JB-6-CVD50R12DC-□□	6 x 50W (300W)	120-277VAC	12VDC	0-10V	Yes	Dry
JB-7-CVD50R12DC-□□	7 x 50W (350W)	120-277VAC	12VDC	0-10V	Yes	Dry
JB-2-CVD96R24DC-□□	2 x 96W (192W)	120-277VAC	24VDC	0-10V	Yes	Dry
JB-3-CVD96R24DC-□□	3 x 96W (288W)	120-277VAC	24VDC	0-10V	Yes	Dry
JB-4-CVD96R24DC-□□	4 x 96W (384W)	120-277VAC	24VDC	0-10V	Yes	Dry
JB-5-CVD96R24DC-□□	5 x 96W (480W)	120-277VAC	24VDC	0-10V	Yes	Dry
JB-6-CVD96R24DC-□□	6 x 96W (576W)	120-277VAC	24VDC	0-10V	Yes	Dry
JB-7-CVD96R24DC-□□	7 x 96W (672W)	120-277VAC	24VDC	0-10V	Yes	Dry



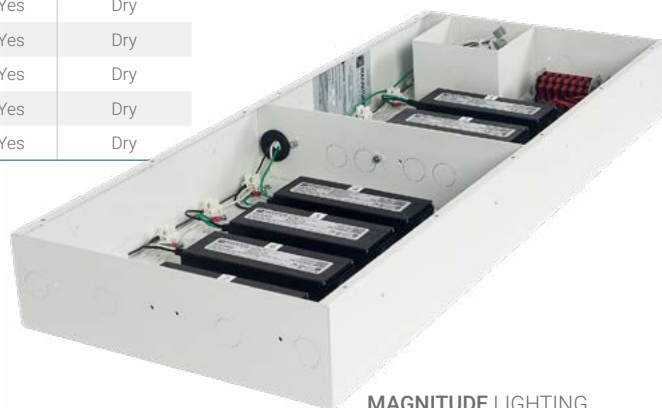
2 TO 3 CHANNELS

17.83" L x 15.00" W x 4.17" H

NON DIMMABLE

120-277VAC Input | MULTI-Channel 12 OR 24VDC Output

Part Number	Max Load	Input	Output	Dimming	Class 2	Environment
JB-2-CVN50R12DC-□□	2 x 50W (100W)	120-277VAC	12VDC	Non-Dim	Yes	Dry
JB-3-CVN50R12DC-□□	3 x 50W (150W)	120-277VAC	12VDC	Non-Dim	Yes	Dry
JB-4-CVN50R12DC-□□	4 x 50W (200W)	120-277VAC	12VDC	Non-Dim	Yes	Dry
JB-5-CVN50R12DC-□□	5 x 50W (250W)	120-277VAC	12VDC	Non-Dim	Yes	Dry
JB-6-CVN50R12DC-□□	6 x 50W (300W)	120-277VAC	12VDC	Non-Dim	Yes	Dry
JB-7-CVN50R12DC-□□	7 x 50W (350W)	120-277VAC	12VDC	Non-Dim	Yes	Dry
JB-2-CVN96R24DC-□□	2 x 96W (192W)	120-277VAC	24VDC	Non-Dim	Yes	Dry
JB-3-CVN96R24DC-□□	3 x 96W (288W)	120-277VAC	24VDC	Non-Dim	Yes	Dry
JB-4-CVN96R24DC-□□	4 x 96W (384W)	120-277VAC	24VDC	Non-Dim	Yes	Dry
JB-5-CVN96R24DC-□□	5 x 96W (480W)	120-277VAC	24VDC	Non-Dim	Yes	Dry
JB-6-CVN96R24DC-□□	6 x 96W (576W)	120-277VAC	24VDC	Non-Dim	Yes	Dry
JB-7-CVN96R24DC-□□	7 x 96W (672W)	120-277VAC	24VDC	Non-Dim	Yes	Dry



4 TO 7 CHANNELS

4.70" L x 15.00" W x 4.17" H

ELECTRONIC DRIVERS

Constant Voltage

ELECTRONIC DRIVERS

Constant Current

MAGNETIC DRIVERS

Constant Voltage

MLV/ELV	120-277VAC Input MULTI-Channel 24VDC Output					
	Part Number	Max Load	Input	Output	Dimming	Class 2
	JB-2-VOP60L24DC	2 x 60W (120W)	120-277VAC	24VDC	MLV/ELV	Yes
	JB-3-VOP60L24DC	3 x 60W (120W)	120-277VAC	24VDC	MLV/ELV	Yes
	JB-4-VOP60L24DC	4 x 60W (120W)	120-277VAC	24VDC	MLV/ELV	Yes
	JB-5-VOP60L24DC	5 x 60W (120W)	120-277VAC	24VDC	MLV/ELV	Yes
	JB-6-VOP60L24DC	6 x 60W (120W)	120-277VAC	24VDC	MLV/ELV	Yes
	JB-7-VOP60L24DC	7 x 60W (120W)	120-277VAC	24VDC	MLV/ELV	Yes
	JB-2-VOP96L24DC	2 x 96W (192W)	120-277VAC	24VDC	MLV/ELV	Yes
	JB-3-VOP96L24DC	3 x 96W (192W)	120-277VAC	24VDC	MLV/ELV	Yes
	JB-4-VOP96L24DC	4 x 96W (192W)	120-277VAC	24VDC	MLV/ELV	Yes
	JB-5-VOP96L24DC	5 x 96W (192W)	120-277VAC	24VDC	MLV/ELV	Yes
	JB-6-VOP96L24DC	6 x 96W (192W)	120-277VAC	24VDC	MLV/ELV	Yes
	JB-7-VOP96L24DC	7 x 96W (192W)	120-277VAC	24VDC	MLV/ELV	Yes
	Environment					
	Dry					

JBZN SERIES

CLASS 2

RoHS
Compliant

UL
LISTED

CE

The Junction Box Zone (JBZN) Series delivers a Zone dimmable multi-channel solution for Magnitude Class 2 LED drivers making it the perfect product for multi-output lighting applications.

The JBZN Series comes pre-wired to your choice of:

- E-SERIES (phase dimmable),
- SOLIDRIVE PRO-V (phase dimmable)
- SOLIDRIVE CVD (0-10V dimmable)
- AFLEX, programmed to your specifications (0-10V dimmable)

Key Features

- Zone dimmable, multi-channel solution
- Pre-wired for quick and easy installation
- Multi-Channel input and output terminal blocks
- UL listed for quick inspections and assured safety
- Surface or recessed mount
- High-quality metal junction box includes multiple 1-1/8" knockouts



JB SERIES

Key Features

- Synchronized dimming, multi-channel solution
- Pre-wired for quick and easy installation
- UL listed for quick inspections and assured safety
- Surface or recessed mount
- High-quality metal junction box includes multiple 1-1/8" knockouts

CLASS 2

RoHS
Compliant

UL
LISTED



ELECTRONIC DRIVERS
Constant Voltage

ELECTRONIC DRIVERS
Constant Current

MAGNETIC DRIVERS
Constant Voltage

AFLEX SERIES

The AFLEX platform offers the unparalleled ability to program the drivers power in addition to the output current, dimming curve, dim-to-off functionality, NTC settings and more all while maintaining high efficiency over the programmable range. This unique technological advancement makes the AFLEX the ideal replacement driver for failed drivers that are out of warranty or obsoleted and results in significant SKU elimination.

ELECTRONIC

Constant Current
Programmable 0-10V
Dimmable
120-277VAC Input

SINGLE-CHANNEL

3-57VDC OR
3-50VDC Output
COMPACT OR LINEAR
Listed Enclosure



DIM DOWN TO 0.1%

CLASS 2

CLASS P



120 - 277VAC

NOM



5 YEAR WARRANTY

100 - 1400mA

100 - 2000mA

100 - 1650mA

COMPACT Enclosure | Programmable Up TO 60W

LINEAR CASE

12.00" x 1.20" x 1.00"

120-277VAC Input | 3-57VDC Output | Compact SIDE Feed Enclosure

Part Number	Max Load	Input	Output	Current	Auxiliary	Dimming	Environment
AFLEX-60W-□□□□-S-□	60W	120-277VAC	3-57VDC	100-1400MA	No AUX	0-10V	Dry, IP40
AFLEX-60W-□□□□-S-□A	60W	120-277VAC	3-57VDC	100-1400MA	12VDC	0-10V	Dry, IP40

120-277VAC Input | 3-57VDC Output | Compact DUAL Feed Enclosure

Part Number	Max Load	Input	Output	Current	Auxiliary	Dimming	Environment
AFLEX-60W-□□□□-D-□	60W	120-277VAC	3-57VDC	100-1400MA	No AUX	0-10V	Dry, IP40
AFLEX-60W-□□□□-D-□A	60W	120-277VAC	3-57VDC	100-1400MA	12VDC	0-10V	Dry, IP40

LINEAR Enclosure | Programmable Up TO 100W

120-277VAC Input | 3-57VDC Output

Part Number	Max Load	Input	Output	Current	Auxiliary	Dimming	Environment
AFLEX-100W-□□□□-L-□G	100W	120-277VAC	3-57VDC	100-1650MA	No AUX	0-10V	Dry, IP40
AFLEX-100W-□□□□-L-□E	100W	120-277VAC	3-57VDC	100-1650MA	12-24VDC	0-10V	Dry, IP40

120-277VAC Input | 3-50VDC Output

Part Number	Max Load	Input	Output	Current	Auxiliary	Dimming	Environment
AFLEX-100W-□□□□-L-□D	100W	120-277VAC	3-50VDC	100-2000MA	No AUX	0-10V	Dry, IP40
AFLEX-100W-□□□□-L-□B	100W	120-277VAC	3-50VDC	100-2000MA	12-24VDC	0-10V	Dry, IP40

Key Features

- Wireless RFID Programming (No Power Required)
- Wide Operating Window (3-57VDC)
- Universal 120-277VAC Input Voltage for Commercial and Residential Use
- CLO (Constant Lumen Output)
- Flicker-Free Dimming to 0.1% with 0-10V dimmer
- Up to 90% Efficiency
- Dim-To-Off Capability
- Compliant with Title 24 Requirements
- NTC Temperature Sensor
- Auxiliary Power Output
- Options for Multi-Channel Surface or Recessed Junction Box Solutions (2-7 Channels)
- UL Listed 8750, Class 2, Class P

COMPACT CASE

4.19" x 2.59" x 1.00"



ELECTRONIC DRIVERS
Constant Voltage

ELECTRONIC DRIVERS
Constant Current

MAGNETIC DRIVERS
Constant Voltage

JUNCTION BOX (JB) SERIES | AFLEX

The AFLEX platform offers the unparalleled ability to program the drivers power in addition to the output current, dimming curve, dim-to-off functionality, NTC settings and more all while maintaining high efficiency over the programmable range. The JB | AFLEX Series is available in 2 to 7 channel configurations in a linear enclosure and 2 to 9 channels in a compact enclosure. Both are available in surface or recess mount.

Key Features

- Available in 2 to 7 channels (linear)
- Available in 2 to 9 channels (compact)
- Surface or recess mount

ORDERING GUIDE Example JB-3-AFLEX-60W-1400-S-L-RW								
Type	Number of Channels	Driver Series	Max Power Per Channel	Output Current	Case Type	Dimming Curve	Mounting	Finish
JB – JB-SERIES	2 – 2 channel	AFLEX – AFLEX Compact Series	30 - 60W	100-1400mA (3-57VDC)	S – Side Feed	G – Logarithmic L – Linear	R – Recessed S – Surface	W – White
	3 – 3 channel							
	4 – 4 channel							
	5 – 5 channel							
	6 – 6 channel							
	7 – 7 channel							
	8 – 8 channel							
	9 – 9 channel							

ORDERING GUIDE Example JB-3-AFLEX-60W-1400-L-L-RW								
Type	Number of Channels	Driver Series	Max Power Per Channel	Output Current	Case Type	Dimming Curve	Mounting	Finish
JB – JB-SERIES	2 – 2 channel	AFLEX – AFLEX Linear	30-100W	A: 100-1650mA (3-57VDC) B: 100-2000mA (3-50VDC)	Linear Enclosure	G – Logarithmic L – Linear	R – Recessed S – Surface	W – White
	3 – 3 channel							
	4 – 4 channel							
	5 – 5 channel							
	6 – 6 channel							
	7 – 7 channel							
	7 – 7 channel							



AFLEX COMPACT
17.83" L x 15.00" W x 4.17"H



AFLEX LINEAR
4.70" L x 15.00" W x 4.17"H



ELECTRONIC DRIVERS Constant Voltage

ELECTRONIC DRIVERS Constant Current

MAGNETIC DRIVERS Constant Voltage

CCT-SERIES

An electronic Class 2, phase dimmable LED driver with a low profile, compact hard plastic case that is perfectly sized for any lighting fixture application. Designed to operate with MLV, ELV and CL dimmer switches (Forward Phase / Reverse Phase).

ELECTRONIC

Constant Current
Phase Dimmable

SINGLE-CHANNEL

120VAC Input
8-40VDC Output
RECOGNIZED Listed Enclosure



CLASS 2

RoHS
Compliant

CLASS P



5 YEAR WARRANTY

200 - 700mA

cULus

NOM

120VAC Input 13-40VDC Output							
Part Number	Max Load	Input	Output	Current	Voltage Range	Dimming	Environment
CCT9W200	9W	CCT9W200	9W	200MA	30-40V	Phase	Dry/Damp/NEMA 3R
CCT9W350	9W	CCT9W350	9W	350MA	17-26V	Phase	Dry/Damp/NEMA 3R
CCT9W500	9W	CCT9W500	9W	500MA	12-18.5V	Phase	Dry/Damp/NEMA 3R
CCT9W700	9W	CCT9W700	9W	700MA	8-13V	Phase	Dry/Damp/NEMA 3R
CCT13W350	13W	CCT13W350	13W	350MA	25-40V	Phase	Dry/Damp/NEMA 3R
CCT13W500	13W	CCT13W500	13W	500MA	18-26V	Phase	Dry/Damp/NEMA 3R
CCT13W700	13W	CCT13W700	13W	700MA	13-18.5V	Phase	Dry/Damp/NEMA 3R
CCT30W700	30W	CCT30W700	30W	700MA	28-40V	Phase	Dry/Damp/NEMA 3R

Key Features

- Low Profile Case
- Phase Dimmable with Leading (Forward) or Trailing (Reverse) Edge Dimmer
- Protection for Short Circuits & Over-Voltage
- UL8750, UL 1310



30W Model
3.09"Ø x 0.98"



12W Model
2.56"Ø x 1.06"



9W Model
2.16"Ø x 0.86"

SR-SERIES

ELECTRONIC

Low Voltage
Phase Dimmable
9-15VAC

SINGLE-CHANNEL

VDC/VAC Input
6-12VDC Output
RECOGNIZED Enclosure

Low voltage input, electronic Class 2 (when connected to a Class 2 power supply), Phase dimmable LED driver with a compact small form factor making it the perfect choice for landscape lighting, path lighting, spot lighting and other residential and commercial lighting fixture applications.



120VAC Input 13-40VDC Output						
Part Number	Max Load	Input	Output	Current	Dimming	Environment
SR312	4.9W	9-15VAC/VDC	6-12VDC	350MA	Phase	Dry/Damp/NEMA 3R
SR312-N	4.9W	9-15VAC/VDC	6-12VDC	350MA	Phase	Dry/Damp/NEMA 3R
SR412	6.3W	9-15VAC/VDC	6-12VDC	450MA	Phase	Dry/Damp/NEMA 3R
SR412-N	6.3W	9-15VAC/VDC	6-12VDC	450MA	Phase	Dry/Damp/NEMA 3R
SR512	7.0W	9-15VAC/VDC	6-12VDC	500MA	Phase	Dry/Damp/NEMA 3R
SR512-N	7.0W	9-15VAC/VDC	6-12VDC	500MA	Phase	Dry/Damp/NEMA 3R
SR612	8.0W	9-15VAC/VDC	6-12VDC	600MA	Phase	Dry/Damp/NEMA 3R
SR612-N	8.0W	9-15VAC/VDC	6-12VDC	600MA	Phase	Dry/Damp/NEMA 3R
SR712	9.8W	9-15VAC/VDC	6-12VDC	700MA	Phase	Dry/Damp/NEMA 3R
SR712-N	9.8W	9-15VAC/VDC	6-12VDC	700MA	Phase	Dry/Damp/NEMA 3R



CLASS 2

RoHS
Compliant

cULus



5 YEAR WARRANTY

350 - 700mA

12V AC / DC

IP67

Key Features

- Input Voltage Range of 9 - 15 VDC or VAC
- Available in 350mA, 450mA, and 700mA Output Configurations
- Phase Dimmable with Leading (Forward) or Trailing (Reverse) Edge TRIAC Dimmer
- UL8750, Class 2* (when connected to a Class 2 power supply)



0.98" Diameter x 0.74"

ELECTRONIC DRIVERS Constant Voltage

ELECTRONIC DRIVERS Constant Current

MAGNETIC DRIVERS Constant Voltage

M-SERIES

The most compact magnetic core dimmable LED driver on the market making it the perfect choice for tape lighting, tube lighting, linear lighting and multiple other residential and commercial lighting applications.

MAGNETIC

Constant Voltage
Phase Dimmable
120 OR 277V,
50/60Hz

SINGLE CHANNEL

12 OR 24VDC Output
LISTED Enclosure
with Junction Box



CLASS 2



12 / 24VDC

120 / 277VAC

120VAC Input MULTI-Channel 12 OR 24VDC Output						
Part Number	Max Load	Input	Output	Dimming	Class 2	Environment
M20L12DC-AR	20W	120VAC	12VDC	Phase	Yes	Dry/Damp/NEMA 3R
M40L12DC-AR	40W	120VAC	12VDC	Phase	Yes	Dry/Damp/NEMA 3R
M60L12DC-AR	60W	120VAC	12VDC	Phase	Yes	Dry/Damp/NEMA 3R
M100L12DC-AR	100W	120VAC	12VDC	Phase		Dry/Damp/NEMA 3R
M150L12DC-AR	150W	120VAC	12VDC	Phase		Dry/Damp/NEMA 3R
M200L12DC	200W	120VAC	12VDC	Phase		Dry/Damp/NEMA 3R
M300L12DC	300W	120VAC	12VDC	Phase		Dry/Damp/NEMA 3R
M20L24DC-AR	20W	120VAC	24VDC	Phase	Yes	Dry/Damp/NEMA 3R
M40L24DC-AR	40W	120VAC	24VDC	Phase	Yes	Dry/Damp/NEMA 3R
M60L24DC-AR	60W	120VAC	24VDC	Phase	Yes	Dry/Damp/NEMA 3R
M96L24DC-AR	96W	120VAC	24VDC	Phase	Yes	Dry/Damp/NEMA 3R
M150L24DC-AR	150W	120VAC	24VDC	Phase		Dry/Damp/NEMA 3R
M200L24DC	200W	120VAC	24VDC	Phase		Dry/Damp/NEMA 3R
M300L24DC	300W	120VAC	24VDC	Phase		Dry/Damp/NEMA 3R

277V Input SINGLE Channel 12 OR 24VDC Output						
Part Number	Max Load	Input	Output	Dimming	Class 2	Environment
M20L12DC-277	20W	277VAC	12VDC	Phase	Yes	Dry/Damp/NEMA 3R
M40L12DC-277	40W	277VAC	12VDC	Phase	Yes	Dry/Damp/NEMA 3R
M60L12DC-277	60W	277VAC	12VDC	Phase	Yes	Dry/Damp/NEMA 3R
M100L12DC-277	100W	277VAC	12VDC	Phase		Dry/Damp/NEMA 3R
M150L12DC-277	150W	277VAC	12VDC	Phase		Dry/Damp/NEMA 3R
M200L12DC-277	200W	277VAC	12VDC	Phase		Dry/Damp/NEMA 3R
M300L12DC-277	300W	277VAC	12VDC	Phase		Dry/Damp/NEMA 3R
M20L24DC-277	20W	277VAC	24VDC	Phase	Yes	Dry/Damp/NEMA 3R
M40L24DC-277	40W	277VAC	24VDC	Phase	Yes	Dry/Damp/NEMA 3R
M60L24DC-277	60W	277VAC	24VDC	Phase	Yes	Dry/Damp/NEMA 3R
M96L24DC-277	96W	277VAC	24VDC	Phase	Yes	Dry/Damp/NEMA 3R
M150L24DC-277	150W	277VAC	24VDC	Phase		Dry/Damp/NEMA 3R
M200L24DC-277	200W	277VAC	24VDC	Phase		Dry/Damp/NEMA 3R
M300L24DC-277	300W	277VAC	24VDC	Phase		Dry/Damp/NEMA 3R

Key Features

- 120 or 277VAC Input Voltage for Commercial and Residential Use
- Wiring Compartment with Multiple 3/8" Knock-Outs for Clean and Easy Installation
- Manual and Auto Reset Circuit Breakers
- Phase Dimmable with Leading (Forward) Edge MLV TRIAC Dimmer
- NEMA 3R Enclosure for Outdoor Use
- Class 2 and Higher Power Single Channel Options
- ETL and CSA Listed

120VAC

150/200W

9.80" x 3.00" x 3.00"

300W

9.80" x 4.20" x 3.50"

60W / 96W

6.62" x 2.33" x 2.55"

20/40W

5.60" x 2.00" x 2.14"

277VAC

96W/ 100W / 150W/200W

9.80" x 3.00" x 3.00"

300W

9.80" x 4.20" x 3.50"

60W

6.55" x 2.55" x 2.55"

20W/40W

5.60" x 2.10" x 2.10"



ELECTRONIC DRIVERS
Constant Voltage

ELECTRONIC DRIVERS
Constant Current

MAGNETIC DRIVERS
Constant Voltage

AC-SERIES - AC TRANSFORMERS

A multi-channel Class 2 magnetic dimmable LED transformer that is a perfect choice for multi-output needs in tape lighting, tube lighting, linear lighting and multiple other residential and commercial lighting applications.

MAGNETIC

Constant Voltage
Phase Dimmable
120 OR 277VAC Input

SINGLE TAP

12 OR 24VAC Output
LISTED Enclosure
with Junction Box



CLASS 2

RoHS
Compliant



5 YEAR WARRANTY

12 / 24VAC

120 / 277VAC



120/277VAC

150/200W

9.80" x 3.00" x 3.00"

300W

9.80" x 4.20" x 3.50"

60W / 96W

6.55" x 2.55" x 2.55"

20/40W

5.60" x 2.00" x 2.14"

500W

10.50" x 4.73" x 4.26"

120V Input SINGLE Tap 12 OR 24VAC Output						
Part Number	Max Load	Input	Output	Dimming	Class 2	Environment
M20L12-AR	20W	120VAC	12VAC	Phase	Yes	Dry/Damp/NEMA 3R
M40L12-AR	40W	120VAC	12VAC	Phase	Yes	Dry/Damp/NEMA 3R
M60L12-AR	60W	120VAC	12VAC	Phase	Yes	Dry/Damp/NEMA 3R
M100L12-AR	100W	120VAC	12VAC	Phase		Dry/Damp/NEMA 3R
M150SOD	150W	120VAC	12VAC	Phase		Dry/Damp/NEMA 3R
M200SOD	200W	120VAC	12VAC	Phase		Dry/Damp/NEMA 3R
M300SOD	300W	120VAC	12VAC	Phase		Dry/Damp/NEMA 3R
M500SOD	500W	120VAC	12VAC	Phase		Dry/Damp/NEMA 3R
M20L24-AR	20W	120VAC	24VAC	Phase	Yes	Dry/Damp/NEMA 3R
M40L24-AR	40W	120VAC	24VAC	Phase	Yes	Dry/Damp/NEMA 3R
M60L24-AR	60W	120VAC	24VAC	Phase	Yes	Dry/Damp/NEMA 3R
M96L24-AR	96W	120VAC	24VAC	Phase	Yes	Dry/Damp/NEMA 3R
M150S24OD	150W	120VAC	24VAC	Phase		Dry/Damp/NEMA 3R
M200S24OD	200W	120VAC	24VAC	Phase		Dry/Damp/NEMA 3R
M300S24OD	300W	120VAC	24VAC	Phase		Dry/Damp/NEMA 3R
M500S24OD	500W	120VAC	24VAC	Phase		Dry/Damp/NEMA 3R

277V Input SINGLE Tap 12 OR 24VAC Output						
Part Number	Max Load	Input	Output	Dimming	Class 2	Environment
M20L12-277	20W	277VAC	12VAC	Phase	Yes	Dry/Damp/NEMA 3R
M40L12-277	40W	277VAC	12VAC	Phase	Yes	Dry/Damp/NEMA 3R
M60L12-277	60W	277VAC	12VAC	Phase	Yes	Dry/Damp/NEMA 3R
M100L12-277	100W	277VAC	12VAC	Phase		Dry/Damp/NEMA 3R
M150SOD-277	150W	277VAC	12VAC	Phase		Dry/Damp/NEMA 3R
M200SOD-277	200W	277VAC	12VAC	Phase		Dry/Damp/NEMA 3R
M300SOD-277	300W	277VAC	12VAC	Phase		Dry/Damp/NEMA 3R
M500SOD-277	500W	277VAC	12VAC	Phase		Dry/Damp/NEMA 3R
M20L24-277	20W	277VAC	24VAC	Phase	Yes	Dry/Damp/NEMA 3R
M40L24-277	40W	277VAC	24VAC	Phase	Yes	Dry/Damp/NEMA 3R
M60L24-277	60W	277VAC	24VAC	Phase	Yes	Dry/Damp/NEMA 3R
M96L24-277	96W	277VAC	24VAC	Phase	Yes	Dry/Damp/NEMA 3R
M150S24OD-277	150W	277VAC	24VAC	Phase		Dry/Damp/NEMA 3R
M300S24OD-277	300W	277VAC	24VAC	Phase		Dry/Damp/NEMA 3R
M500S24OD-277	500W	277VAC	24VAC	Phase		Dry/Damp/NEMA 3R

Key Features

- 120 or 277VAC Input Voltage for Commercial and Residential Use
- Auto-Reset and Manual-Reset Circuit Breakers
- NEMA 3R Enclosure
- Phase Dimmable with Leading (Forward) Edge MLV TRIAC Dimmer
- Integrated Junction Box with Multiple 7/8" Knock-Outs for Clean and Easy Installation
- Class 2 and Higher Power Single Tap Options
- UL 8750
- ETL Listed

ELECTRONIC DRIVERS
Constant Voltage

ELECTRONIC DRIVERS
Constant Current

MAGNETIC DRIVERS
Constant Voltage

T-SERIES - DC DRIVERS

A multi-channel Class 2 magnetic dimmable LED driver that is a perfect choice for multi-output needs in tape lighting, tube lighting, linear lighting and multiple other residential and commercial lighting applications.

MAGNETIC

Constant Voltage
Phase Dimmable
120VAC Input,
50/60Hz

MULTI-CHANNEL

12 OR 24VDC Output
LISTED Enclosure
with Junction Box



CLASS 2

RoHS
Compliant



5 YEAR WARRANTY

12 / 24VDC

120VAC

120V Input MULTI Channel 12 OR 24VDC Output						
Part Number	Max Load	Input	Output	Dimming	Class 2	Environment
T120L12DC	60W x 2 (120W)	120VAC	12VDC	Phase	Yes	Dry/Damp/NEMA 3R
T180L12DC	60W x 3 (180W)	120VAC	12VDC	Phase	Yes	Dry/Damp/NEMA 3R
T192L24DC	96W x 2 (192W)	120VAC	24VDC	Phase	Yes	Dry/Damp/NEMA 3R
T300L12DC	60W x 5 (300W)	120VAC	12VDC	Phase	Yes	Dry/Damp/NEMA 3R
T288L24DC	96W x 3 (288W)	120VAC	24VDC	Phase	Yes	Dry/Damp/NEMA 3R

Key Features

- 120VAC Input Voltage for Commercial and Residential Use
- Wiring Compartment with Multiple 7/8" Knock-Outs for Clean and Easy Installation
- Manual-Reset Circuit Breakers
- Phase Dimmable with Leading (Forward) Edge MLV TRIAC Dimmer
- ETL Listed
- UL8750, C22.2 NO. 223



LENGTH

11.33" x 4.73" x 4.26"

X-SERIES - AC TRANSFORMERS

A multi-tap magnetic dimmable transformer making it the perfect choice for landscape and other indoor or outdoor lighting applications.

MAGNETIC

Constant Voltage
Phase Dimmable
120VAC Input

MULTI -TAP

12 / 24VAC Output
LISTED Enclosure
with Junction Box



RoHS
Compliant



5 YEAR WARRANTY

12 / 24VAC

120VAC

120V Input MULTI Channel 12 OR 24VDC Output					
Part Number	Max Load	Input	Output	Dimming	Environment
X500SOD	500W	120VAC	12 / 24VAC	Phase	Dry/Damp/NEMA 3R
X600SOD	600W	120VAC	12 / 24VAC	Phase	Dry/Damp/NEMA 3R
X1000SOD	1000W	120VAC	12 / 24VAC	Phase	Dry/Damp/NEMA 3R
X1200SOD	1200W	120VAC	12 / 24VAC	Phase	Dry/Damp/NEMA 3R

Key Features

- 120 VAC Input Voltage for Commercial and Residential Use
- Manual-Reset Circuit Breakers
- NEMA 3R Enclosure
- Phase Dimmable with Leading (Forward) Edge MLV TRIAC Dimmer
- Integrated Junction Box with Multiple 7/8" Knock-Outs for Clean and Easy Installation
- High Power Multi-Tap Output
- ETL Listed



500W/600W

9.43" X 4.69" 4.25"

1000W/1200W

10.60" X 6.75" X 5.44"

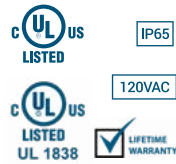
ELECTRONIC DRIVERS
Constant Voltage

ELECTRONIC DRIVERS
Constant Current

MAGNETIC DRIVERS
Constant Voltage

MAGNITUDE OTTER™ LANDSCAPE TRANSFORMER SERIES

Magnitude Otter Series is a high-performance landscape transformer for commercial and residential lighting applications.



Key Features

- Durable stainless-steel housing with dual latches for a uniform seal
- Removable rubber knockouts save installation time
- 12V, 13V, 14V, and 15V taps to adjust for voltage drop
- UL Listed and IP65 rated
- Accommodates a timer (including Bluetooth/Wi-Fi models)
- Accommodates a photoelectric switch for automated control
- Built-in 1.5KVA surge protector option available
- Life-time Warranty



150W
11.46" x 6.132" x 5.69"



300W
11.46" x 6.132" x 5.69"

120V Input Multi-channel 12, 13, 14, 15VDC Output

Part Number	Description
OTR150L	Magnetic Transformer, Stainless-Steel Enclosure, 150W 120VAC 12VAC UL Listed
OTR150L-LS	Magnetic Transformer, Stainless-Steel Enclosure, 150W 120VAC 12VAC UL Listed, Light Sensor
OTR150L-LS-SB	Magnetic Transformer, Stainless-Steel Enclosure, 150W 120VAC 12VAC UL Listed, Light Sensor, Surge Box
OTR150L-SB	Magnetic Transformer, Stainless-Steel Enclosure, 150W 120VAC 12VAC UL Listed, Surge Box
OTR300L	Magnetic Transformer, Stainless-Steel Enclosure, 300W 120VAC 12VAC UL Listed
OTR300L-LS	Magnetic Transformer, Stainless-Steel Enclosure, 300W 120VAC 12VAC UL Listed, Light Sensor
OTR300L-LS-SB	Magnetic Transformer, Stainless-Steel Enclosure, 300W 120VAC 12VAC UL Listed, Light Sensor, Surge Box
OTR300L-SB	Magnetic Transformer, Stainless-Steel Enclosure, 300W 120VAC 12VAC UL Listed, Surge Box

ORDERING GUIDE

Each detailed Specification Sheet includes an Ordering Guide with a completed order string as an order example. Simply complete the missing codes in the area provided to complete the Order Code.

Ordering Example - 277VAC Manual Reset Breakers

Example: M20L12DC277

M		L		DC	277
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TYPE	MAX POWER	LISTING	OUTPUT	INPUT
M — Magnetic	20 ¹ — 20W (Class 2) 40 ¹ — 40W (Class 2) 60 ¹ — 60W (Class 2) 96 ^{1,2} — 96W (Class 2) 100 ¹ — 100W 150 ¹ — 150W 200 — 200W	L — UL Listed	12DC — 12VDC 24DC — 24VDC	227 — 277VAC

Where to Buy

Magnitude Lighting is available through our North American Sales Representative Network and our vast team of Distributors. For a complete listing, visit www.MagnitudeInc.com.

Questions

Sales Team: Sales@magnitudeinc.com
Customer Service: CustomerCare@magnitudeinc.com
Tech Support: Support@magnitudeinc.com
Phone: 714-312-5080

Warranty

Magnitude products are fully warranted against manufacturing defects for five (5) years from date of original shipment (the "Warranty Period"). This warranty covers only properly installed products used as instructed and under specified conditions. For the duration of the Warranty Period, Magnitude will, at its option, repair or replace without charge, defective products, provided they are returned to the factory and our inspection determines the unit to be defective under the terms of warranty. Repair or replacement, as stated above, shall constitute the purchaser's exclusive warranty, which does not extend to transportation, installation, labor or any other charges; nor does it apply to any equipment of another manufacturer used in conjunction with Magnitude products.

The warranty described herein is in lieu of any other warranty, expressed or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose. Magnitude's liability under this guarantee shall be limited to repair or replacement and the purchaser agrees that no other remedy (including, but not limited to, incidental or consequential damages for lost profits, lost sales, injury to person or property, or any other incidental or consequential loss) shall be available to purchaser.

With our comprehensive driver and power technology portfolio and advanced manufacturing facilities, Magnitude Lighting delivers the highest product quality, fastest fulfillment, and superior customer support. Our LED drivers can be found in hundreds of thousands of installations, driving millions of LEDs throughout the world.

At Magnitude Lighting... We DRIVE Light!

To learn more about Magnitude Lighting and our latest innovations, be sure to visit [Magnitudeinc.com](https://www.magnitudeinc.com).



16782 Von Karman Ave., Units 32 & 33, Irvine, CA 92606
714-312-5080 | Fax. 714-312-5070

[magnitudeinc.com](https://www.magnitudeinc.com)

CustomerCare@magnitudeinc.com