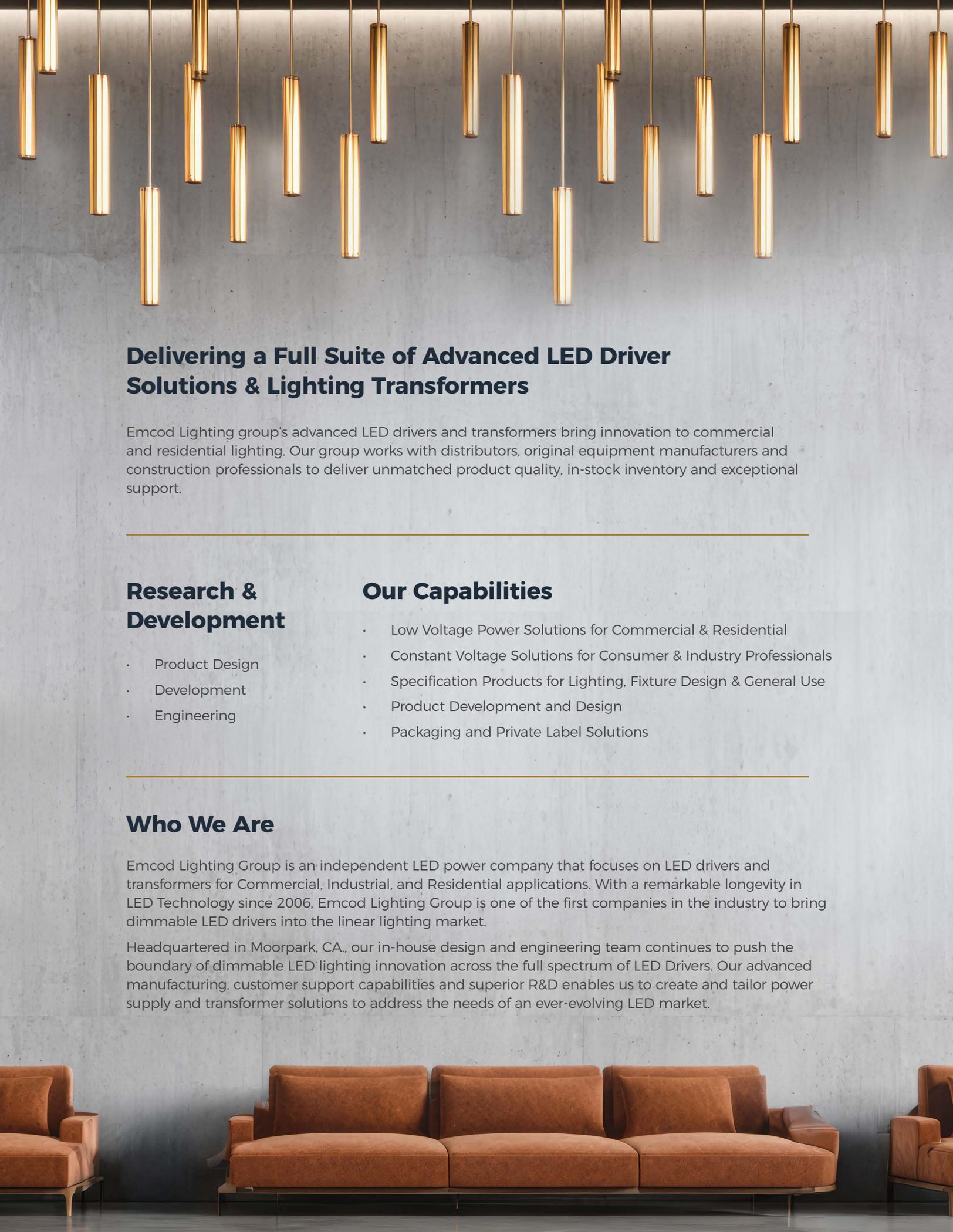


**EMCÜD**  
LIGHTING  
GROUP

# Product Catalog

LED DRIVERS & LIGHTING TRANSFORMERS





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

Emcod Lighting group's advanced LED drivers and transformers bring innovation to commercial and residential lighting. Our group works with distributors, original equipment manufacturers and construction professionals to deliver unmatched product quality, in-stock inventory and exceptional support.

---

### Research & Development

- Product Design
- Development
- Engineering

### Our Capabilities

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

### Who We Are

Emcod Lighting Group 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 2006, Emcod Lighting Group is one of the first companies in the industry to bring dimmable LED drivers into the linear lighting market.

Headquartered in Moorpark, 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 enables us to create and tailor power supply and transformer solutions to address the needs of an ever-evolving LED market.

# Table of Contents



Dimmer+Driver Combo_____	4	ML Series_____	14
CCT - Tunable Control+Dimmer+ Driver Combo_____	5	EM Series_____	15
MLE-P Series_____	6	ESL Series_____	16
ECC-UD Series_____	7	Simple Series_____	17
EDR Series_____	8	EMT Series_____	18
ES-UD Series_____	9	SMT Series_____	19
MLE-UD Series_____	10	EMT Landscape Series_____	20
MLE-UD-C2 Series_____	11	Landscape Lighting Cable_____	21
MLE Series_____	12	ML & EM Magnetic AC Series_____	22
ECV-UD Series_____	13	General Purpose Magnetic AC Series_____	23

---

EMCOD (Electro-Magnetic Component Optimal Design) is a world-class developer and manufacturer of LED drivers, Lighting and custom-made general-purpose transformers for electronic and electrical equipment.

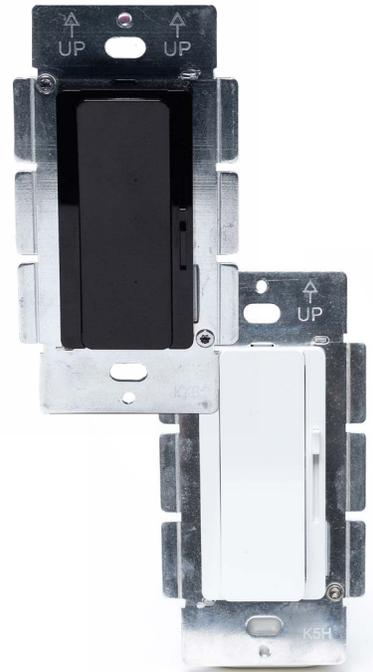
# Dimmer+Driver Combo

## Precise Control True Power

### PWM 16HZ OUTPUT

Dim+Drive simplifies LED lighting systems by combining an in-wall LED dimmer switch and power supply into a single integrated unit. Dim+Drive mounts to a standard in-wall switch box, accepts 120V AC and converts to low voltage DC. Dim+Drive is compatible with most 12V DC & 24V DC tape light and fixtures.

- All-in-one LED Driver + In-Wall Dimmer Switch + Tunable CCT Control
- Simplifies LED installation by eliminating compatibility issues
- Fits standard single gang recessed electrical box
- 0.3-100% dimming range - No minimum load
- Single Pole or 3-way dimmer with on/off push switch
- Adjustable voltage output dial to address voltage drop
- Includes voltage barrier partition to install high and low voltage circuit in same switch box
- No derating required when ganging units
- Power failure memory recalls settings prior to interruption
- Fits most standard decora faceplate trims (not included)



Catalog #	Max Load	Output	Class 2	Case Qty	Dimensions
EDD60-12DC	60W	12V DC	YES	20	H = 4.1, W = 1.73, D = 1.6
EDD60-24DC	60W	24V DC	YES	20	H = 4.1, W = 1.73, D = 1.6
EDD96-24DC	96W	24V DC	YES	20	H = 4.1, W = 1.73, D = 1.6
EDD120-12DC	120W	12V DC	NO	20	H = 4.1, W = 1.73, D = 1.6
EDD160C2-24DC	160W	24V DC	YES	20	H = 4.1, W = 1.73, D = 1.6
EDD160-24DC	160W	24V DC	NO	20	H = 4.1, W = 1.73, D = 1.6



# CCT - Tunable Control+Dimmer+Driver Combo

## Precise Control True Power

### PWM 16HZ OUTPUT

Dim+Drive CCT simplifies LED lighting systems by combining an in-wall LED dimmer switch and power supply with Tunable CCT capability into a single integrated unit. Dim+Drive CCT mounts to a standard in-wall switch box, accepts 120V AC and converts to low voltage DC, and is compatible with most 12V DC & 24V DC tunable CCT tape light and fixtures.



Catalog #	Max Load	Output	Class 2	Case Qty	Dimensions
EDD60-12DC-CCT	60W	12V DC	YES	20	H = 4.1, W = 1.73, D = 1.6
EDD60-24DC-CCT	60W	24V DC	YES	20	H = 4.1, W = 1.73, D = 1.6
EDD96-24DC-CCT	96W	24V DC	YES	20	H = 4.1, W = 1.73, D = 1.6
EDD120-12DC-CCT	120W	12V DC	NO	20	H = 4.1, W = 1.73, D = 1.6
EDD160-24DC-CCT	160W	24V DC	NO	20	H = 4.1, W = 1.73, D = 1.6



# MLE-P Series Electronic JBox Driver

MICRO-LED ELECTRONIC PLASTIC HOUSING EMCOD

MLE-P Series is Extremely Compact low-profile Constant Voltage, Triac (Phase) Dimmable Electronic LED Driver for Forward and Reverse Phase Dimmers. 5% minimum load. Overload, Short circuit protection. Excellent Line and Load regulation. Wide variety of compatible dimmers, flicker free dimming. Fits in a 4" Junction Box. US and Canada UL Recognized, Class 2, UL8750 and UL1310 certified. Redesigned to work with high density LED & COB products.



**WATTAGE:**

60W, 96W

**OUTPUT VOLTAGE:**

12VDC and 24VDC

**INPUT VOLTAGE:**

120V 50/60Hz

**ALL:**

Class 2, for Dry and Damp Location

Catalog #	UPC #	Max Load	Output	Class 2	Case Qty	Case Weight	Dimensions
MLE60-12DC-P	810064710292	60W	12V DC	YES	12	12	H = 1.57, W = 3.3, D = 0.98
MLE60-24DC-P	810064710582	60W	24V DC	YES	12	12	H = 1.57, W = 3.3, D = 0.98
MLE96-24DC-P	810064710599	96W	24V DC	YES	12	12	H = 1.77, W = 3.34, D = 1.02



# ECC-UD Series

## MULTI-CURRENT WITH DPI ADJUSTMENT

Constant Current, Universal Dimming, Multi-Current with DIP Adjustment Triac (phase cut) forward and reverse phase, 0-10/1-10V, Potentiometer, PWM - 5-in-1 Universal Dimming. Universal input voltage 100-277V 50/60Hz. Strong compatibility, flicker free dimming. Good efficiency >83%. Power Factor 0.99 Cooling by free air convection. Full protection plastic housing IP20 rating for indoor installation. Input, output and dimming terminal blocks for easy installation. Protection: short circuit, overload and over temperature, recovers automatically after fault condition is removed.

### WATTAGE:

10W, 20W, 40W and 60W.

### OUTPUT VOLTAGE:

3-65V depending on model and output current

### INPUT VOLTAGE:

100-277V 50/60Hz



Catalog #	UPC #	Max Load	Output	Class 2	Case Qty	Case Weight	Dimensions
ECC-010-UD	810064711817	10W	3-42V DC	YES	50	10	H = 1.2, W = 5, D = 0.8
ECC-020-UD	810064711824	20W	3-42V DC	YES	20	19	H = 1.7, W = 5.1, D = 0.8
ECC-040-UD	810064711831	40W	3-65V DC	NO	20	11	H = 2.1, W = 6.4, D = 0.95
ECC-060-UD	810064711848	60W	3-65V DC	YES	20	18	H = 2.4, W = 7.6, D = 0.95

# EDR Series

## EMCOD DIN RAIL UNIVERSAL DRIVER EDR

ELECTRONIC UNIVERSAL DRIVER Series is Universal Constant Voltage, PWM output, Triac (Phase), 0/1-10V, Resistor, PWM Control, 5-in-1 Dimmable Electronic LED Driver. 5% minimum load. Overload, Short circuit, and Thermal protection. Operating temperature -40C ~ +60C. Excellent Line and Load regulation. Wide variety of compatible dimmers, flicker free dimming. Dry and Damp Location. Plastic case for DIN Rail installation.



**WATTAGE:**

60W, 96W and 100W

**OUTPUT VOLTAGE:**

12V, 24V and 48V PWM 4kHz frequency

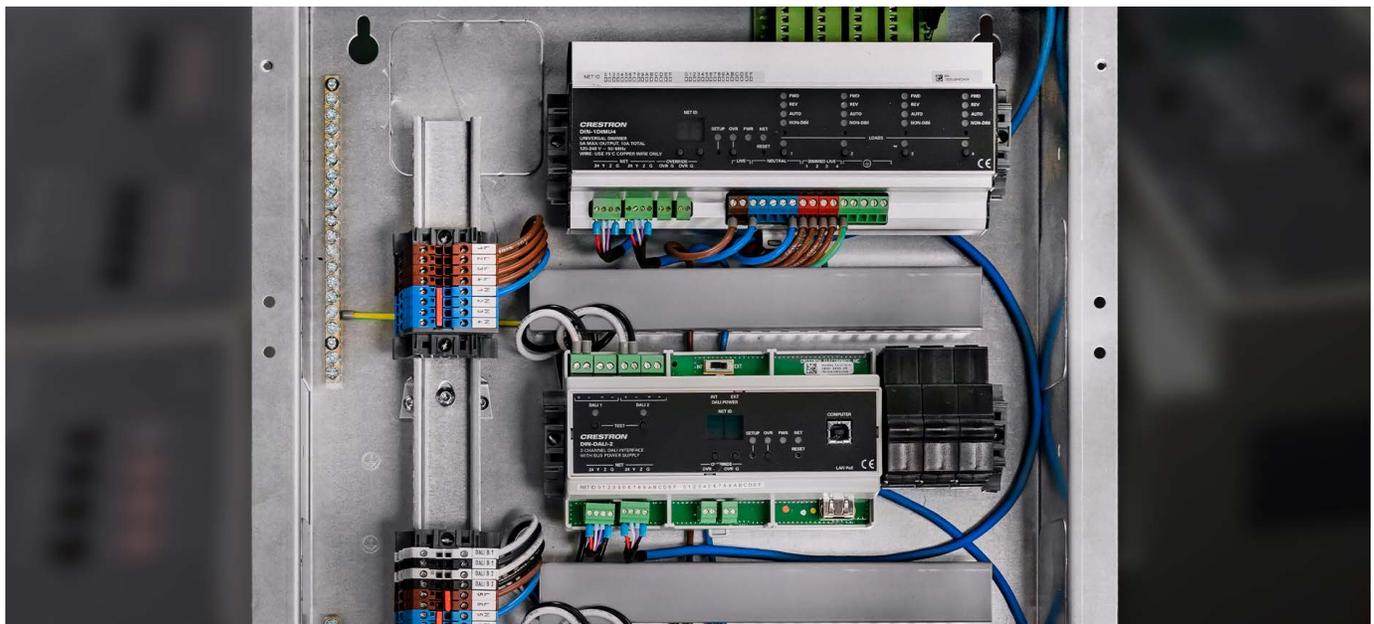
**INPUT VOLTAGE:**

Universal 110-277V 50/60Hz

**ALL:**

UL8750 Listed for US and Canada. Class 2 for 12V 60W and for 24V 96W, class P

Catalog #	UPC #	Max Load	Output	Class 2	Case Qty	Case Weight	Dimensions
EDR60-12DC	810064711770	60W	12V DC	YES	20	15	H = 4.02, W = 0.6, D = 3.54
EDR60-24DC	810064711787	60W	24V DC	YES	20	15	H = 4.02, W = 0.6, D = 3.54
EDR100-12DC	810064711800	100W	12V DC	NO	20	19	H = 4.02, W = 2.1, D = 3.54
EDR96-24DC	810064711794	96W	24V DC	YES	20	19	H = 4.02, W = 2.1, D = 3.54



# ES-UD Series

## ELECTRONIC PWM CONSTANT VOLTAGE SERIES

EMCOD ES-UD Series is Universal Constant Voltage, PWM output, Triac (Phase), 0/1-10V, Resistor, PWM Control, 5-in-1 Dimmable Electronic LED Driver. 5% minimum load. Overload, Short circuit and Thermal protection. Operating temperature -40C ~ +60C. Excellent Line and Load regulation. Wide variety of compatible dimmers, flicker free dimming. Dry and Damp Location.

**WATTAGE:**

30W, 36W, 60W, 96W, 100W and 150W

**OUTPUT VOLTAGE:**

12VDC and 24VDC Output PWM frequency 20kHz

**INPUT VOLTAGE:**

Universal 100-277VAC 50/60Hz

**ALL:**

UL8750 Listed for US and Canada. Class 2 for 12V up to 60W and for 24V up to 96W. Meet T24, Class P, Type HL, FCC, RoHS, SELV, CE.

Catalog #	UPC#	Max Load	Output	Class 2	Case Qty	Dimensions
ES30-12UD	810064711855	30W	12V DC	YES	20	H = 10.23, W = 1.18, D = 0.73
ES30-24UD	810064711862	30W	24V DC	YES	20	H = 10.23, W = 1.18, D = 0.73
ES60-12UD	810064711879	60W	12V DC	YES	20	H = 11.5, W = 1.18, D = 0.73
ES60-24UD	810064711886	60W	24V DC	YES	20	H = 11.5, W = 1.18, D = 0.73
ES96-24UD	810064711893	96W	24V DC	YES	10	H = 12.7, W = 1.18, D = 0.85
ES100-12UD	810064711909	100W	12V DC	NO	10	H = 12.7, W = 1.18, D = 0.85
ES150-12UD	810064711916	150W	12V DC	NO	10	H = 14.5, W = 1.18, D = 0.89
ES150-24UD	810064711923	150W	24V DC	NO	10	H = 14.5, W = 1.18, D = 0.89



# MLE-UD Series

## Electronic - Constant Voltage

110V-277V UNIVERSAL INPUT VOLTAGE | 5-IN-1 DIMMABLE LED DRIVER

MLE-UD Series is Universal Constant Voltage, PWM output, Triac (Phase), 0/1-10V, Resistor, PWM Control, 5-in-1 Dimmable Electronic LED Driver. 5% minimum load. Overload, Short circuit protection. Excellent Line and Load regulation. Wide variety of compatible dimmers, flicker free dimming. Dry, Damp and Wet Location.



**WATTAGE:**

30W, 60W, 80W, 96W, 100W, 120W, 150W, 200W, 300W, 500W, 600W

**OUTPUT VOLTAGE:**

12VDC and 24VDC

**INPUT VOLTAGE:**

Universal 100-277VAC 50/60Hz

**ALL:**

UL8750 Listed for US and Canada. Class 2 for 12V up to 60W and for 24V up to 96W

Catalog #	UPC #	Max Load	Output	Class 2	Case Qty	Case Weight	Dimensions
MLE30-12DC-UD	810064710131	30W	12V DC	YES	10	25	H = 4.47, W = 6.79, D = 1.38
MLE30-24DC-UD	810064710148	30W	24V DC	YES	10	25	H = 4.47, W = 6.79, D = 1.38
MLE60-12DC-UD	810064710155	60W	12V DC	YES	10	26	H = 4.47, W = 6.79, D = 1.38
MLE60-24DC-UD	810064710162	60W	24V DC	YES	10	26	H = 4.47, W = 6.79, D = 1.38
MLE80-12DC-UD	810064710179	80W	12V DC	YES	10	34	H = 5.16, W = 7.73, D = 1.54
MLE80-24DC-UD	810064710186	80W	24V DC	YES	10	34	H = 5.16, W = 7.73, D = 1.54
MLE100-12DC-UD	810064710209	100W	12V DC	NO	10	35	H = 5.16, W = 7.73, D = 1.54
MLE96-24DC-UD	810064710193	96W	24V DC	YES	10	35	H = 5.16, W = 7.73, D = 1.54
MLE120-12DC-UD	810064710216	120W	12V DC	NO	10	34	H = 5.16, W = 7.73, D = 1.54
MLE120-24DC-UD	810064710223	120W	24V DC	NO	10	34	H = 5.16, W = 7.73, D = 1.54
MLE150-12DC-UD	810064710230	150W	12V DC	NO	10	53	H = 5.2, W = 9.99, D = 1.82
MLE150-24DC-UD	810064710247	150W	24V DC	NO	10	53	H = 5.2, W = 9.99, D = 1.82
MLE200-12DC-UD	810064710254	200W	12V DC	NO	10	52	H = 5.2, W = 9.99, D = 1.82
MLE200-24DC-UD	810064710261	200W	24V DC	NO	10	52	H = 5.2, W = 9.99, D = 1.82
MLE300-12DC-UD	810064710278	300W	12V DC	NO	10	54	H = 5.2, W = 9.99, D = 1.82
MLE300-24DC-UD	810064710285	300W	24V DC	NO	10	54	H = 5.2, W = 9.99, D = 1.82
MLE500-12DC-UD	810064712265	500W	12V DC	NO	10	53	H = 5.52, W = 11.02, D = 1.97
MLE500-24DC-UD	810064712258	500W	24V DC	NO	5	27	H = 5.52, W = 11.02, D = 1.97
MLE600-24DC-UD	810064712272	600W	24V DC	NO	5	33	H = 5.52, W = 11.02, D = 1.97



# MLE-UD-C2 Series

## MAIN-LED ELECTRONIC UNIVERSAL DRIVER-CLASS 2 EMCOD

MLE-UD C2 Series is a Class 2 dimmable LED Driver, Universal Constant Voltage, PWM output, Triac (Phase), 0/1-10V, Resistor, PWM Control, 5-in-1 Dimmable Electronic LED Driver is available in 2 - 5 circuit configurations. 5% minimum load, Overload, Short circuit protection. Excellent Line and Load regulation. Wide variety of compatible dimmers, flicker free dimming. Dry, Damp and Wet Location.



**WATTAGE:**

180W, 192W, 288W, 300W, 384W

**OUTPUT VOLTAGE:**

12VDC and 24VDC

**INPUT VOLTAGE:**

Universal 110-277V 50/60Hz

**ALL:**

UL8750 Listed for US and Canada. Class 2 for 12V up to 60W and for 24V up to 96W

Catalog #	UPC #	Max Load	Output	Class 2	Case Qty	Case Weight	Dimensions
MLE180C2-12UD	810064710315	3 X 60W	12V DC	YES	10	48	H = 5.04, W = 10.94, D = 1.81
MLE192C2-24UD	810064710339	2 X 96W	24V DC	YES	10	58	H = 5.04, W = 10.94, D = 1.81
MLE300C2-12UD	810064710322	5 X 60W	12V DC	YES	10	56	H = 5.04, W = 10.94, D = 1.81
MLE288C2-24UD	810064710346	3 X 96W	24V DC	YES	10	61	H = 5.04, W = 10.94, D = 1.81
MLE384C2-24UD	810064712241	4 X 96W	24V DC	YES	10	66	H = 5.53, W = 12.7, D = 2

# MLE Series

## Electronic - Constant Voltage

### MINI-LED ELECTRONIC

MLE - MINI-LED ELECTRONIC EMCOD MLE Series is Constant Voltage, PWM output, Triac (Phase) Dimmable Electronic LED Driver for Forward and Reverse Phase Dimmers. 5% minimum load. Overload, Short circuit protection. Excellent Line and Load regulation. Wide variety of compatible dimmers, flicker free dimming.



**WATTAGE:**

30W, 60W, 80W, 96W, 100W, 120W, 150W, 200W, 300W

**OUTPUT VOLTAGE:**

12VDC and 24VDC

**INPUT VOLTAGE:**

Universal from 100V to 277V 50/60Hz

**ALL:**

Black Powder Coated indoor/outdoor enclosure UL, FCC, CE, Class P certified

Catalog #	UPC #	Max Load	Output	Class 2	Case Qty	Case Weight	Dimensions
MLE30-12DC	810064710605	30W	12V DC	YES	20	37	H = 6.5, W = 3.62, D = 1.02
MLE30-24DC	810064710612	30W	24V DC	YES	20	37	H = 6.5, W = 3.62, D = 1.02
MLE60-12DC	810064710629	60W	12V DC	YES	20	43	H = 7.4, W = 3.62, D = 1.02
MLE60-24DC	810064710643	60W	24V DC	YES	20	43	H = 7.4, W = 3.62, D = 1.02
MLE80-12DC	810064710650	80W	12V DC	YES	10	33	H = 7.8, W = 3.66, D = 1.61
MLE80-24DC	810064710667	80W	24V DC	YES	10	33	H = 7.8, W = 3.66, D = 1.61
MLE100-12DC	810064710681	100W	12V DC	NO	10	33	H = 7.8, W = 3.66, D = 1.61
MLE96-24DC	810064710674	96W	24V DC	YES	10	34	H = 7.8, W = 3.66, D = 1.61
MLE120-12DC	810064710698	120W	12V DC	NO	10	33	H = 7.8, W = 3.66, D = 1.61
MLE120-24DC	810064710704	120W	24V DC	NO	10	33	H = 7.8, W = 3.66, D = 1.61
MLE150-12DC	810064710711	150W	12V DC	NO	10	46	H = 10.3, W = 4.06, D = 1.77
MLE150-24DC	810064710728	150W	24V DC	NO	10	46	H = 10.3, W = 4.06, D = 1.77
MLE200-12DC	810064710735	200W	12V DC	NO	10	47	H = 10.3, W = 4.06, D = 1.77
MLE200-24DC	810064710742	200W	24V DC	NO	10	47	H = 10.3, W = 4.06, D = 1.77
MLE300-12DC	810064710759	300W	12V DC	NO	10	55	H = 10.94, W = 4.25, D = 1.77
MLE300-24DC	810064710766	300W	24V DC	NO	10	55	H = 10.94, W = 4.25, D = 1.77

# ECV-UD Series

## 5-in-1 Dimming

### ULTIMATE UNIVERSAL DRIVER

Universal Output: PWM 4kHz or Linear Amplitude Regulation, setting by integrated in wire compartment switch and adjusting output voltage knob. Universal Dimming: Triac - forward and reverse phase, 0/1-10V, PWM and Resistor - 5-in-1 dimming options. High PF >95 and low THD <20%. Short circuit, overload and temperature protection. Black powder coated metal case suitable for dry, damp and wet locations. Removable cover on single hinge.



**WATTAGE:**

30W, 60W, 80W, 96W, 100W, 120W, 150W, 200W and 300W

**OUTPUT VOLTAGE:**

12V, 24V, 36V, 48V

**INPUT VOLTAGE:**

100V-277V 50/60HZ

**ALL:**

usULc listed, Class P, Type HL. FCC, NEMA 4X, CE, RoHS. Load range 0.1-100%. Title 24 JA8 compliant.

Catalog #	UPC#	Max Load	Output	Class 2	Case Qty	Dimensions
ECV30-12DC-UD	810064711596	30W	12V DC	YES	10	H = 6.7, W = 4.5, D = 1.65
ECV30-24DC-UD	810064711602	30W	24V DC	YES	10	H = 6.7, W = 4.5, D = 1.65
ECV60-12DC-UD	810064711619	60W	12V DC	YES	10	H = 8.92, W = 4.63, D = 1.67
ECV60-24DC-UD	810064711626	60W	24V DC	YES	10	H = 8.92, W = 4.63, D = 1.67
ECV80-12DC-UD	810064711633	80W	24V DC	NO	10	H = 8.92, W = 4.63, D = 1.67
ECV80-24DC-UD	810064711640	80W	24V DC	YES	10	H = 8.92, W = 4.63, D = 1.67
ECV96-24DC-UD	810064711664	96W	24V DC	YES	10	H = 8.92, W = 4.63, D = 1.67
ECV100-12DC-UD	810064711671	100W	24V DC	NO	10	H = 8.92, W = 4.63, D = 1.67
ECV120-12DC-UD	810064711695	120W	12V DC	NO	10	H = 10, W = 5.2, D = 1.67
ECV120-24DC-UD	810064711701	120W	24V DC	NO	10	H = 10, W = 5.2, D = 1.67
ECV150-12DC-UD	810064711718	150W	12V DC	NO	10	H = 10, W = 5.2, D = 1.67
ECV150-24DC-UD	810064711725	150W	24V DC	NO	10	H = 10, W = 5.2, D = 1.67
ECV200-12DC-UD	810064711732	200W	12V DC	NO	10	H = 10, W = 5.2, D = 1.67
ECV200-24DC-UD	810064711749	200W	24V DC	NO	10	H = 10, W = 5.2, D = 1.67
ECV300-12DC-UD	810064711756	300W	12V DC	NO	10	H = 13.38, W = 5.2, D = 1.93
ECV300-24DC-UD	810064711763	300W	24V DC	NO	10	H = 13.38, W = 5.2, D = 1.93

# ML Series

## MAG-LED SERIES

ML Series is our most popular magnetic LED Driver series due to the low profile design and triac/phase dimmable option. The transformer core and special low drop voltage rectifier are designed to lower losses and makes the ML series very energy efficient with a very low temperature rise. Our ML series comes standard with primary and secondary self-reset thermal circuit breakers, hardwire input and output lead wires. Our transformers can be fully loaded and have excellent load regulation.



**WATTAGE:**

5W, 10W, 20W, 30W, 35W, 40W, 50W, 60W, 75W and 100W

**OUTPUT VOLTAGE:**

12V or 24V, AC or DC

**INPUT VOLTAGE:**

120V, 240V, 277V 60Hz and 220V, 230V, 240V 50/60Hz (up to 35W)

**ALL:**

Outdoor/indoor, Class 2 UL1310 standard, Low profile, Powder coated steel enclosure, Single circuit, Primary and Secondary auto - reset breaker

Catalog #	UPC #	Max Load	Output	Class 2	Case Qty	Case Weight	Dimensions
ML10S12DC	810064710018	10W	12V DC	C2	20	39	H = 7, W = 2.11, D = 1.54
ML10S24DC	810064710025	10W	24V DC	C2	20	39	H = 7, W = 2.11, D = 1.54
ML20S12DC	810064710032	20W	12V DC	C2	20	39	H = 7, W = 2.11, D = 1.54
ML20S24DC	810064710421	20W	24V DC	C2	20	39	H = 7, W = 2.11, D = 1.54
ML35S12DC	810064710469	35W	12V DC	C2	20	40	H = 7, W = 2.11, D = 1.54
ML35S24DC	810064710490	35W	24V DC	C2	20	40	H = 7, W = 2.11, D = 1.54
ML40S12DC	810064710520	40W	12V DC	C2	20	45	H = 7, W = 2.11, D = 1.54
ML40S24DC	810064710551	40W	24V DC	C2	20	45	H = 7, W = 2.11, D = 1.54
ML50S12DC	810064710827	50W	12V DC	C2	20	45	H = 7, W = 2.11, D = 1.54
ML50S24DC	810064710858	50W	24V DC	C2	20	45	H = 7, W = 2.11, D = 1.54
ML60S12DC-B	810064710919	60W	12V DC	C2	12	30	H = 7, W = 2.11, D = 1.54
ML60S24DC-B	810064710964	60W	24V DC	C2	12	30	H = 7, W = 2.11, D = 1.54
ML60S12DC	810064710902	60W	12V DC	C2	12	46	H = 8.13, W = 3.93, D = 1.59
ML60S24DC	810064710957	60W	24V DC	C2	12	46	H = 8.13, W = 3.93, D = 1.59
ML75S12DC	810064711008	75W	12V DC		12	46	H = 8.13, W = 3.93, D = 1.59
ML75S24DC	810064711022	75W	24V DC	C2	12	46	H = 8.13, W = 3.93, D = 1.59
ML100S12DC	810064711107	100W	12V DC		12	52	H = 8.13, W = 3.93, D = 1.59
ML100S24DC	810064711053	100W	24V DC	C2	12	52	H = 8.13, W = 3.93, D = 1.59

# EM Series

## Magnetic DC

### EMCOD INDOOR/OUTDOOR SERIES

EM - EMCOD Indoor/Outdoor Series is a dimmable, magnetic, hard wire power supplies, which can supply 12V or 24V, AC or DC voltage to any kind of low voltage fixtures: LED, Halogen, Xenon and so on. The AC units have a boost tap on the primary side compensates wire drop voltage on a long run and maintains a brightness of your lights. Primary manually reset circuit breaker on all our products is standard. Secondary protection is optional for AC and standard for all DC products. Two section bobbin provides complete insulation between primary and secondary sides. Encapsulated with polyester resin for whisper quiet operation. Small dimensions and weight saves space and lowers an installation cost. The outdoor enclosure rated NEMA 3R or IP24.



#### WATTAGE:

60W, 75W, 90W, 100W, 150W, 200W, 250W, 300W, 500W and 600W.

#### OUTPUT VOLTAGE:

12V or 24V, AC or DC

#### INPUT VOLTAGE:

120V 60Hz, 277V 60Hz

#### ALL:

Indoor/Outdoor black powder coated or Stainless Steel enclosure, Primary and Secondary circuit breaker, Dimmable, Boost tap on AC units.

Catalog #	UPC #	Max Load	Output	Class 2	Case Qty	Case Weight	Dimensions
EM150S12DC	810064711176	150W	12V DC		6	48	H = 8, W = 4.1, D = 3.24
EM150S24DC	810064711213	150W	24V DC		6	48	H = 8, W = 4.1, D = 3.24
EM200S12DC	810064710087	200W	12V DC		6	48	H = 8, W = 4.1, D = 3.24
EM200S24DC	810064711268	200W	24V DC		6	48	H = 8, W = 4.1, D = 3.24
EM250S12DC	810064711299	250W	12V DC		6	48	H = 8, W = 4.1, D = 3.24
EM250S24DC	810064711305	250W	24V DC		6	48	H = 8, W = 4.1, D = 3.24
EM300S12DC	810064711329	300W	12V DC		6	53	H = 8, W = 4.1, D = 3.24
EM300S24DC	810064711336	300W	24V DC		6	53	H = 8, W = 4.1, D = 3.24
EM600S12DC	810064710568	600W	12V DC		1	20	H =10.29, W =6.79, D = 4.68
EM600S24DC	810064710575	600W	24V DC		1	20	H =10.29, W =6.79, D = 4.68

# ESL Series

## EMCOD STAINLESS STEEL LANDSCAPE, MANUAL TIMER, TWO TAPS, LOW VOLTAGE SERIES

Landscape low voltage lighting transformer specifically designed for LED landscape fixtures. The transformer has two output options 12V and 15V for either a short and long distance circuits to compensate wire drop voltage. High grade core and copper winding provide excellent load regulation and efficiency. Built-in manual 24h timer and photocell provide full control and energy savings. Secondary push to reset circuit breaker provide short circuit and overload protection. Removable slide door. Suitable for Wet Location, ETL Listed to UL STD 1838, CSA STD C22.2 250.0 and 250.7.



**WATTAGE:**

40W, 75W, 100W, 200W and 300W

**OUTPUT VOLTAGE:**

12V, 15V

**INPUT VOLTAGE:**

120V 60Hz

**ALL:**

Built-in manual timer and photocell, secondary circuit breaker, line cord, compact, economy solution.

Catalog #	UPC #	Max Load	Output	Case Qty	Case Weight	Dimensions
ESL40W	810064711367	40W	12V AC OR 15V AC	8	40	H = 8.2, W = 3.67, D = 4.2
ESL75W	810064710094	75W	12V AC OR 15V AC	8	48	H = 8.2, W = 3.67, D = 4.2
ESL100W	810064710100	100W	12V AC OR 15V AC	6	54	H = 11.35, W = 4.05, D = 4.05
ESL200W	810064710117	200W	12V AC OR 15V AC	6	60	H = 11.35, W = 4.05, D = 4.05
ESL300W	810064710124	300W	12V AC OR 15V AC	4	56	H = 11.35, W = 4.05, D = 4.05

# Simple Series Stainless Steel

## 120V INPUT | MAGNETIC

Offers an outstanding value with a stainless steel cabinet, easy wire connections, and built-in photocell and timer.



### FEATURES:

- Toroidal transformer
- Stainless steel cabinet
- Includes on-board photocell and digital timer
- 5' heavy-gauge power cord with grounded plug
- DOE and CEC compliant
- ETL listed

Catalog #	UPC #	Max Load	Output	Case Qty	Case Weight	Dimensions
SS120W	810064712180	120W	12V AC OR 15V AC	6	43	H = 8.47, W = 5.31, D = 3.65
SS200W	810064712197	200W	12V AC OR 15V AC	6	49	H = 8.47, W = 5.31, D = 3.65
SS300W	810064712203	300W	12V AC OR 15V AC	4	47	H = 9.29, W = 5.7, D = 3.15



# EMT Series

EMCOD LANDSCAPE MULTI-TAP, BUILT-IN TIMER AND PHOTOCELL OPTIONS, 304 STAINLESS STEEL FINISH

The series has been specifically designed for long distance applications to compensate for wire drop voltage. An electrician can simultaneously select from up to four different output voltage 12V, 13V, 14V and 15V. The 12V-22V version is available in 300W & 600W. The EMT has a large terminal block for easy installation and reliable operation. High grade core and copper winding provide excellent load regulation and efficiency. Built-in timer and photocell options provide full control and energy savings. Secondary toggle switch circuit breakers provide short circuit and overload protection. Removable door: Side Hinge or Slide Cover. Suitable for Wet Location, ETL Listed to UL STD 1838, CSA STD C22.2 250.0 and 250.7.



**WATTAGE:**

150W, 300W, 600W, 900W

**OUTPUT VOLTAGE:**

12V, 13V, 14V, 15V  
 12V, 15V, 17V, 22V – 300W  
 12V, 13V, 14V, 15V, 16V, 17V, 18V, 22V- 600W

**INPUT VOLTAGE:**

120V 60Hz

**ALL:**

Outdoor/indoor use, NEMA 3R rated, Secondary toggle switch circuit breaker, Timer and photocell option, Removable door with side hinge or slide cover for easy installation.

Catalog #	UPC #	Max Load	Output	Case Qty	Case Weight	Dimensions
EMT150SS-E	810064711466	150W	12V-15V AC	2	26	H = 13, W = 5.56, D = 5.54
EMT300SS-E	810064711480	300W	12V-15V AC	2	28	H = 13, W = 5.56, D = 5.54
EMT600SS-E	810064711503	600W	12V-15V AC	1	22	H = 14.5, W = 6.75, D = 6
EMT900SS-E	810064711527	900W	12V-15V AC	1	38	H = 15.75, W = 7.87, D = 7
EMT300SS-22E	810064711480	300W	12V-22V AC	2	18	H = 13.74, W = 6.1, D = 5.28
EMT600SS-22E	810064712388	600W	12V-22V AC	1	30	H = 16.1, W = 7.44, D = 6.5

# SMT Series

## SMART TRANSFORMER SERIES

Wi-Fi, Bluetooth controlled, Integrated short circuit and overload protections. Three independent zone controlled channels with EMCOD APP. Scheduling Timer Control, Sunset and Sunrise digital photocell Independent for each channel. Clock Timer On/Off option. Digital Power Meter Determines System Power consumption. 304 Stainless Steel with locking hinge door for indoor and outdoor applications. Operating temperature -20C to +40C.



**WATTAGE:**  
300W

**OUTPUT VOLTAGE:**  
12V, 13V, 15V

**INPUT VOLTAGE:**  
120V 60Hz

**ALL:**  
ETL UL1838 Listed Wi-Fi range is 80 ft (open area)

Catalog #	UPC#	Max Load	Output	Class 2	Case Qty	Dimensions
SMT300W	810064711954	3 X 100W	12V-15V AC	NO	1	11.39 X 6.38 X 4.6



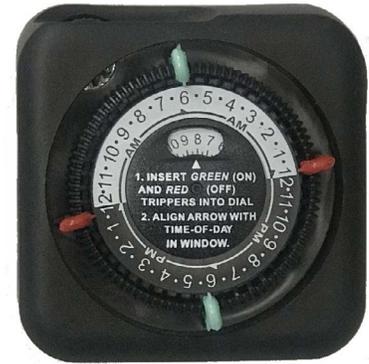
This power supply unit can be operated via Tuya/Smart Life on smart cell phone, please scan QR code below to install the APP/APK or you can find it in Google Play or Apple Store.



# EMT Landscape Series Timer

24HR MANUAL TIMER - SUITABLE FOR  
OUTDOOR USE IN A 3R ENCLOSURE

Plug-in timer rated for installation into a Type 3R outdoor low voltage transformer enclosure. Simple implementation of ON/OFF schedule.



**FEATURES:**

- 2 ON/OFF settings per day
- Controls lamps and appliances
- Suitable for outdoor use in a 3R Enclosure
- Manual override Electrical Ratings:
- 9 Amp Resistive
- 1125 Watts Tungsten and Inductive
- 125 VAC, 60 Hz

Catalog #	Case Weight
TN111RM40	1

# EMT Landscape Series Photocell

PHOTOCELL - STEM & SWIVEL 120V 2000W 1800VA

TORK 2001 1/2" Stem Conduit Mount Photo control Light Sensor, 180-degree swivel with Molex Connector.



- Automate Your Outdoor Lighting: Perfect for controlling residential or commercial exterior lighting, including landscape, decorative, flood lamp, patio, security or pedestrian pathway lights
- Built for Convenience: Key features include a time delay which prevents stray lights from turning the control OFF, a rain tight Lexan® housing and 180-degree swivel for greater customization
- Broad Compatibility: Compatible with LED, CFL, Induction, HPS and HID lighting fixtures in the 120V, 2000W range
- High-Quality Construction: Built to resist weather and moisture, this photo control has surge protection and a wide range of operating temperatures

Catalog #	Case Weight
2001	1

# Landscape Lighting Cable

## UNDERGROUND LOW-ENERGY CIRCUIT CABLE

Emcod's Low voltage direct burial cable has the advantages of strong weather resistance and UV resistance, making it an ideal choice for commercial Landscape and residential landscape lighting ideas, ensuring reliable power transmission in various outdoor environments. Our cable is made of high-quality copper and PVC material with a temperature rating of -20°C to 60°C. It is flame retardant and has a strong anti-interference ability, making it highly reliable and long-lasting. Our cable is easy to install and suitable for low-voltage circuits and low power consumption.



Catalog #	Description
EW16A	100ft, ULECC 16AWG/2C Black Jacket, direct burial cable, heat resistant, low energy, landscape lighting standard
EW16B	250ft, ULECC 16AWG/2C Black Jacket, direct burial cable, heat resistant, low energy, landscape lighting standard
EW16C	500ft, ULECC 16AWG/2C Black Jacket, direct burial cable, heat resistant, low energy, landscape lighting standard
EW14A	100ft, ULECC 14AWG/2C Black Jacket, direct burial cable, heat resistant, low energy, landscape lighting standard
EW14B	250ft, ULECC 14AWG/2C Black Jacket, direct burial cable, heat resistant, low energy, landscape lighting standard
EW14C	500ft, ULECC 14AWG/2C Black Jacket, direct burial cable, heat resistant, low energy, landscape lighting standard
EW12A	100ft, ULECC 12AWG/2C Black Jacket, direct burial cable, heat resistant, low energy, landscape lighting standard
EW12B	250ft, ULECC 12AWG/2C Black Jacket, direct burial cable, heat resistant, low energy, landscape lighting standard
EW12C	500ft, ULECC 12AWG/2C Black Jacket, direct burial cable, heat resistant, low energy, landscape lighting standard
EW10A	100ft, ULECC 10AWG/2C Black Jacket, direct burial cable, heat resistant, low energy, landscape lighting standard
EW10B	250ft, ULECC 10AWG/2C Black Jacket, direct burial cable, heat resistant, low energy, landscape lighting standard
EW10C	500ft, ULECC 10AWG/2C Black Jacket, direct burial cable, heat resistant, low energy, landscape lighting standard

# ML & EM

## Magnetic AC Series

120V INPUT | PHASE DIMMABLE | 277V INPUT AVAILABLE

Catalog #	UPC #	Max Load	Output	Class 1	Case Qty	Case Weight	Dimensions
ML20S12AC	810064710391	20W	12V AC	C2	20	36	H = 7, W = 2.11, D = 1.54
ML20S24AC	810064710414	20W	24V AC	C2	20	36	H = 7, W = 2.11, D = 1.54
ML35S12AC	810064710452	35W	12V AC	C2	20	39	H = 7, W = 2.11, D = 1.54
ML35S24AC	810064710483	35W	24V AC	C2	20	39	H = 7, W = 2.11, D = 1.54
ML40S12AC	810064710513	40W	12V AC	C2	20	42	H = 7, W = 2.11, D = 1.54
ML40S24AC	810064710544	40W	24V AC	C2	20	42	H = 7, W = 2.11, D = 1.54
ML50S12AC	810064710810	50W	12V AC	C2	20	42	H = 7, W = 2.11, D = 1.54
ML50S24AC	810064710858	50W	24V AC	C2	20	42	H = 7, W = 2.11, D = 1.54
ML60S12AC-B	810064710896	60W	12V AC	C2	12	29	H = 7, W = 2.11, D = 1.54
ML60S24AC-B	810064712029	60W	24V AC	C2	12	29	H = 7, W = 2.11, D = 1.54
ML60S12AC	810064710889	60W	12V AC	C2	12	42	H = 8.13, W = 3.93, D = 1.59
ML60S24AC	810064712036	60W	24V AC	C2	12	42	H = 8.13, W = 3.93, D = 1.59
ML75S12AC	810064710995	75W	12V AC	C2	12	44	H = 8.13, W = 3.93, D = 1.59
ML75S24AC	810064712050	75W	24V AC	C2	12	44	H = 8.13, W = 3.93, D = 1.59
ML100S12AC	810064711091	100W	12V AC		12	50	H = 8.13, W = 3.93, D = 1.59
ML96S24AC	810064711046	96W	24V AC	C2	12	50	H = 8.13, W = 3.93, D = 1.59
EM150S12AC	810064710063	150W	12V AC		6	25	H = 7.5, W = 3.09, D = 2.88
EM150S24AC	810064711206	150W	24V AC		6	25	H = 7.5, W = 3.09, D = 2.88
EM200S12AC	810064711237	200W	12V AC		6	32	H = 7.5, W = 3.09, D = 2.88
EM200S24AC	810064711251	200W	24V AC		6	32	H = 7.5, W = 3.09, D = 2.88
EM250S12AC	810064711282	250W	12V AC		6	48	H = 8, W = 4.1, D = 3.24
EM300S12AC	810064711312	300W	12V AC		6	48	H = 8, W = 4.1, D = 3.24
EM500S12AC	810064712043	500W	12V-24V AC		1	14	H = 8, W = 4.1, D = 3.24
EM600S12AC	810064711343	600W	12V-24V AC		1	14	H = 8, W = 4.1, D = 3.24





# General Purpose Magnetic AC Series

120V INPUT | MAGNETIC PHASE DIMMABLE  
277V INPUT AVAILABLE

Catalog #	UPC #	Max Load	Output	Class 1	Case Qty	Case Weight	Dimensions
EGP100P	810064711541	100W	12V/24V AC	C1	9	49	H = 7.5 W =3.09 D =2.88
EGP150P	810064711558	150W	12V/24V AC	C1	9	49	H = 7.5 W =3.09 D =2.88
EGP200P	810064711565	200W	12V/24V AC	C1	9	49	H = 7.5 W =3.09 D =2.88
EGP250P	810064712012	250W	12V/24V AC	C1	6	47	H = 8.0 W = 4.15 D =3.41
EGP300P	810064711572	300W	12V/24V AC	C1	6	47	H = 8.0 W = 4.15 D =3.41
EGP500P	810064710049	500W	12V/24V AC	C1	4	54	H =9.4 W =4.6 D = 4.4
EGP600P	810064710056	600W	12V/24V AC	C1	4	54	H =9.4 W =4.6 D = 4.4
EGP750P	810064711589	750W	12V/24V AC	C1	4	54	H =9.4 W =4.6 D = 4.4





**EMCOD**  
LIGHTING  
GROUP

**THE POWER BEHIND THE LIGHT**

---

646 Flinn Ave Suite B.  
Moorpark, CA 93021

(818) 904-3309

[info@emcod.com](mailto:info@emcod.com)

[techsupport@emcod.com](mailto:techsupport@emcod.com)

[www.emcod.com](http://www.emcod.com)