

DRIVER REPLACEMENT



ZLEDLighting offers a wide array of LED drivers in a variety of form factors such as **0-10V, Triac Dimming, Constant Current, and Constant Voltage drivers**. The best way to measure the success of the LED fixture you install is by making sure you are using a quality driver.

CONSTANT CURRENT DRIVERS

Constant current LED drivers are ideal for general lighting fixture applications in industrial, commercial, and residential environments where efficiency matters most. Constant current LED drivers maximize light output without over stressing the LEDs to provide consistent, even light. By controlling the maximum current going through the system, these LED drivers prevent thermal runaway.

These drivers are required when the driver is used to power the LED load directly. With constant current drivers, the output current is fixed by the driver, while the output voltage varies depending on the LED load. The more LEDs the driver is powering, the greater the output voltage will be, up to a maximum as allowed by the driver specifications.

CONSTANT VOLTAGE DRIVERS

These drivers are required when another LED current controlling device, such as a built-in resistor or regulating driver is already connected directly to the LED load. With constant voltage drivers, the output voltage remains fixed (typically at 12Vdc or 24Vdc) at any current level, up to a maximum allowable current, as dictated by the maximum output power of the driver.

To correctly select a constant voltage driver, you need to know the following:

The MAXIMUM POWER required by the LED modules in the system equally the VDC of the output side of the driver.

The total power consumption of the LED modules in the system must not exceed the MAX OUTPUT wattage of the LED driver. Best practices dictate the total wattage should be at least 10% higher than the maximum LED load on the driver.

SPEC BOX

- Constant Current
- Constant Voltage
- Output VDC for Constant Voltage
- Output VDC range for Constant Current
- 0-10V Dimming Box
- Triac Dimming Box
- PWM Dimming Box

Input Voltage _____

Total Wattage _____

Miliamps (mA) _____

Power Factor _____

Class P _____

DIMMABLE DRIVERS - CONSTANT VOLTAGE

<p>MAX WATTAGE: 40 INPUT VOLTAGE: 120VAC OUTPUT VOLTAGE: 12VDC DIMENSION: 4.92"x1.97"x0.77" IP RATING: IP67</p>  <p style="text-align: right;">E40R12DC</p>	<p>MAX WATTAGE: 60 INPUT VOLTAGE: 120VAC OUTPUT VOLTAGE: 12VDC DIMENSION: 6.77"x2.67"x1.26" IP RATING: IP67</p>  <p style="text-align: right;">E60R12DC-KO</p>	<p>MAX WATTAGE: 60 INPUT VOLTAGE: 120VAC OUTPUT VOLTAGE: 12VDC DIMENSION: 6.77"x2.67"x1.26" IP RATING: IP67</p>  <p style="text-align: right;">M60L12DC-AR</p>
<p>MAX WATTAGE: 150 INPUT VOLTAGE: 120VAC OUTPUT VOLTAGE: 12VDC DIMENSION: 9.8"x3.0"x3.0" IP RATING: IP67</p>  <p style="text-align: right;">M150L12DC-AR</p>	<p>MAX WATTAGE: 300 INPUT VOLTAGE: 120VAC OUTPUT VOLTAGE: 12VDC DIMENSION: 9.8"x4.2"x3.5" IP RATING: IP67</p>  <p style="text-align: right;">M300L12DC-AR</p>	<p>MAX WATTAGE: 40 INPUT VOLTAGE: 100-130VAC OUTPUT VOLTAGE: 12VDC DIMENSION: 7"x2.4"x1" IP RATING: IP21</p>  <p style="text-align: right;">SLT40L12DC</p>
<p>MAX WATTAGE: 40 INPUT VOLTAGE: 120VAC OUTPUT VOLTAGE: 12VDC DIMENSION: 7"x2.4"x1" IP RATING: IP21</p>  <p style="text-align: right;">SLT40L24DC</p>	<p>MAX WATTAGE: 100 INPUT VOLTAGE: 120VAC OUTPUT VOLTAGE: 12VDC DIMENSION: 10.06"x3.09"x2.84" IP RATING: NEMA 3R, ETL</p>  <p style="text-align: right;">M100L12DC</p>	<p>MAX WATTAGE: 200 INPUT VOLTAGE: 120VAC OUTPUT VOLTAGE: 12VDC DIMENSION: 10.06"x3.09"x2.84" IP RATING: NEMA 3R, ETL</p>  <p style="text-align: right;">M200L12DC</p>

24V DIMMABLE DRIVERS - CONSTANT VOLTAGE

<p>MAX WATTAGE: 96 INPUT VOLTAGE: 120VAC OUTPUT VOLTAGE: 24VDC DIMENSION: 4.92"x1.97"x0.77" IP RATING: IP67</p>  <p style="text-align: right;">E96R24DC</p>	<p>MAX WATTAGE: 200 INPUT VOLTAGE: 120VAC OUTPUT VOLTAGE: 24VDC DIMENSION: 10.06"x3.09"x2.84" IP RATING: NEMA 3R, ETL</p>  <p style="text-align: right;">M200L24DC</p>	<p>MAX WATTAGE: 300 INPUT VOLTAGE: 120VAC OUTPUT VOLTAGE: 24VDC DIMENSION: 10.04"x4.21"x3.5" IP RATING: NEMA 3R, ETL</p>  <p style="text-align: right;">M300L24DC</p>
<p>MAX WATTAGE: 40 INPUT VOLTAGE: 100-130VAC OUTPUT VOLTAGE: 24VDC DIMENSION: 7"x2.4"x1" IP RATING: IP21</p>  <p style="text-align: right;">SLT40L24DC</p>		

IP67 DRIVERS - 12V - CONSTANT CURRENT

MAX WATTAGE: 30

INPUT VOLTAGE: 90-305VAC

OUTPUT VOLTAGE: 12VDC

DIMENSION: 5.34"x1.77"x1.05"

IP RATING: IP67



30W-PS-12V-120V-IP67

MAX WATTAGE: 60

INPUT VOLTAGE: 90-305VAC

OUTPUT VOLTAGE: 12VDC

DIMENSION: 5.65"x1.85"x1.33"

IP RATING: IP67



60W-PS-12V-120V-IP67

MAX WATTAGE: 100

INPUT VOLTAGE: 90-305VAC

OUTPUT VOLTAGE: 12VDC

DIMENSION: 8.26"x2.81"x1.79"

IP RATING: IP67



100W-PS-12V-120V-IP67

MAX WATTAGE: 150

INPUT VOLTAGE: 90-264VAC

OUTPUT VOLTAGE: 12VDC

DIMENSION: 10.07"x2.65"x1.76"

IP RATING: IP67



150W-PS-12V-120V-IP67

MAX WATTAGE: 200

INPUT VOLTAGE: 90-264VAC

OUTPUT VOLTAGE: 12VDC

DIMENSION: 9.64"x3.74"x1.96"

IP RATING: IP67



200W-PS-12V-120/277V-IP67

MAX WATTAGE: 300

INPUT VOLTAGE: 100-277VAC

OUTPUT VOLTAGE: 12VDC

DIMENSION: 13.90"x9.25"x7.48"

IP RATING: IP67



300W-PS-12V-100/277V-IP67

PLUG-IN DRIVERS - CONSTANT CURRENT

MAX WATTAGE: 48

INPUT VOLTAGE: 100-240VAC

OUTPUT VOLTAGE: 12VDC

DIMENSION: 4.5"x2"x1.25"

IP RATING: IP67



48W-PS-12V-120V-IP20

MAX WATTAGE: 96

INPUT VOLTAGE: 100-240VAC

OUTPUT VOLTAGE: 12VDC

DIMENSION: -

IP RATING: IP67



96W-PS-12V-120V-IP20

MAGNILUMEN PLUS DRIVERS - CONSTANT VOLTAGE

MAX WATTAGE: 20
INPUT VOLTAGE: 100-277VAC
OUTPUT VOLTAGE: 27-42VDC
DIMENSION: 9.21"x1.43"x1.15"
RATING: Damp Locations



MRK-DRIVER-20W-2WH-PLUS

MAX WATTAGE: 30
INPUT VOLTAGE: 100-277VAC
OUTPUT VOLTAGE: 27-42VDC
DIMENSION: 9.21"x1.43"x1.55"
RATING: Damp Locations



MRK-DRIVER-30W-2WH-PLUS

MAX WATTAGE: 40
INPUT VOLTAGE: 100-277VAC
OUTPUT VOLTAGE: 27-42VDC
DIMENSION: 9.21"x1.43"x1.15"
RATING: Damp Locations



MRK-DRIVER-40W-2WH-PLUS

MAX WATTAGE: 50
INPUT VOLTAGE: 100-277VAC
OUTPUT VOLTAGE: 27-42VDC
DIMENSION: 9.21"x1.43"x1.15"
RATING: Damp Locations



MRK-DRIVER-50W-2WH-PLUS

MAX WATTAGE: 60
INPUT VOLTAGE: 100-277VAC
OUTPUT VOLTAGE: 27-42VDC
DIMENSION: 9.21"x1.43"x1.15"
RATING: Damp Locations



MRK-DRIVER-60W-2WH-PLUS

MAX WATTAGE: 100
INPUT VOLTAGE: 100-277VAC
OUTPUT VOLTAGE: 27-42VDC
DIMENSION: 13.62"x1.43"x1.15"
RATING: Damp Locations



MRK-DRIVER-100W-4WH-PLUS

EMERGENCY BACK-UP DRIVERS

For **MAGNILUMEN PLUS AND BEK KITS**

MAX WATTAGE: 15
INPUT VOLTAGE: 100-277VAC
OUTPUT VOLTAGE: 25-48VDC
DIMENSION: 7.41"x1.5"x1.14"



BL-EMRG-LED-15-1H

For **DOWNLIGHTS**

MAX WATTAGE: 8
INPUT VOLTAGE: 100-347VAC
OUTPUT VOLTAGE: 170VDC
DIMENSION: 10.3"x1.85"x0.94"



BL-EMRG-FXT-8DA

For **FLAT PANELS AND TROFFERS**

MAX WATTAGE: 15
INPUT VOLTAGE: 100-347VAC
OUTPUT VOLTAGE: 170VDC
DIMENSION: 13.77"x1.97"x0.94"



BL-EMRG-FXT-15D-A

For **HIGH BAYS**

MAX WATTAGE: 25
INPUT VOLTAGE: 100-347VAC
OUTPUT VOLTAGE: 170VDC
DIMENSION: 13.1"x1.97"x0.94"



BL-EMRG-FXT-25D-A

MEANWELL DRIVERS - CONSTANT CURRENT

MEANWELL DRIVER PART #: HLG-60H-24A
MAX WATTAGE: 60
INPUT VOLTAGE: 90-305VAC
OUTPUT VOLTAGE: 24V
DIMENSION: 6.73"x2.42"x1.44"
RATING: UL, IP65, IP67



MEANWELL DRIVER PART #: CEN-60-24
 (HLG-60H-24A)
MAX WATTAGE: 60
INPUT VOLTAGE: 90-295VAC
OUTPUT VOLTAGE: 24V
DIMENSION: 7.28"x2.46"x1.59"
RATING: UL, IP66



MEANWELL DRIVER PART #: CEN-100-24
 (HLG-100H-24)
MAX WATTAGE: 100
INPUT VOLTAGE: 90-295VAC
OUTPUT VOLTAGE: 24V
DIMENSION : 7.67"x2.46"x1.59"
RATING: UL, IP66



MEANWELL DRIVER PART #: CEN-100-24
 (HLG-100H-24)
MAX WATTAGE: 100
INPUT VOLTAGE: 90-295VAC
OUTPUT VOLTAGE: 24V
DIMENSION: 7.67"x2.46"x1.59"
RATING: UL, IP66



MEANWELL DRIVER PART #: CLG-150-24A
 (HLG-150H-24A)
MAX WATTAGE: 150
INPUT VOLTAGE: 90-295VAC
OUTPUT VOLTAGE: 24V
DIMENSION: 8.74"x2.67"x1.52"
RATING: UL, IP65, IP67



MEANWELL DRIVER PART #: CLG-150-48A
 (HLG-150H-48A)
MAX WATTAGE: 150
INPUT VOLTAGE: 90-305VAC
OUTPUT VOLTAGE: 48V
DIMENSION: 8.97"x2.67"x1.52"
RATING: UL, IP65, IP67



MEANWELL DRIVER PART #: HLG-240H-54B
MAX WATTAGE: 240
INPUT VOLTAGE: 90-305VAC
OUTPUT VOLTAGE: 24V
DIMENSION: 9.61"x2.67"x1.52"
RATING: UL, IP65, IP67



MEANWELL DRIVER PART #: HLG-240H-48B
MAX WATTAGE: 240
INPUT VOLTAGE: 90-305VAC
OUTPUT VOLTAGE: 24V
DIMENSION: 9.61"x2.67"x1.52"
RATING: UL, IP65, IP67



MEANWELL DRIVER PART #: HLG-320H-48B
MAX WATTAGE: 320
INPUT VOLTAGE: 90-305VAC
OUTPUT VOLTAGE: 320 Watts
DIMENSION: 9.92"x3.54"x1.72"
RATING: IP65, IP67



MEANWELL DRIVER PART #: HLG-240H-48B
MAX WATTAGE: 240
INPUT VOLTAGE: 90-305VAC
OUTPUT VOLTAGE: 240 Watts
DIMENSION: 9.61"x2.67"x1.52"
RATING: UL, IP65, IP67



MEANWELL DRIVER PART #: HLG-240H-48B
MAX WATTAGE: 240
INPUT VOLTAGE: 90-305VAC
OUTPUT VOLTAGE: 240 Watts
DIMENSION: 9.61"x2.67"x1.52"
RATING: UL, IP65, IP67



MEANWELL DRIVER PART #: HVG-65-24A
MAX WATTAGE: 65
INPUT VOLTAGE: 180-528VAC
OUTPUT VOLTAGE: 24V
DIMENSION: 7.44"x2.42"x1.44"
RATING: UL, IP65, IP67



MEANWELL DRIVERS - CONSTANT CURRENT

MEANWELL DRIVER PART #: HVG-65-24A
MAX WATTAGE: 65
INPUT VOLTAGE: 180-528VAC
OUTPUT VOLTAGE: 24V
DIMENSION: 7.44"x2.42"x1.44"
RATING: UL, IP65, IP67



MEANWELL DRIVER PART #: HVG-100-36A
MAX WATTAGE: 100
INPUT VOLTAGE: 180-528VAC
OUTPUT VOLTAGE: 36V
DIMENSION: 9.29"x2.67"x1.52"
RATING: UL, IP65, IP67



MEANWELL DRIVER PART #: HVG-100-24A
MAX WATTAGE: 100
INPUT VOLTAGE: 180-528VAC
OUTPUT VOLTAGE: 24V
DIMENSION: 9.29"x2.67"x1.52"
RATING: UL, IP65, IP67



MEANWELL DRIVER PART #: HVG-150-24A
MAX WATTAGE: 150
INPUT VOLTAGE: 180-528VAC
OUTPUT VOLTAGE: 24V
DIMENSION: 9.64"x2.67"x1.52"
RATING: UL, IP65, IP67



MEANWELL DRIVER PART #: HVG-150-48A
MAX WATTAGE: 150
INPUT VOLTAGE: 180-528VAC
OUTPUT VOLTAGE: 48V
DIMENSION: 9.64"x2.67"x1.52"
RATING: UL, IP65, IP67



MEANWELL DRIVER PART #: HVG-240-54A
MAX WATTAGE: 240
INPUT VOLTAGE: 180-528VAC
OUTPUT VOLTAGE: 243 Watts
DIMENSION: 10.07"x2.67"x1.52"
RATING: UL, IP65, IP67



MEANWELL DRIVER PART #: HVG-240-48B
MAX WATTAGE: 240
INPUT VOLTAGE: 180-528VAC
OUTPUT VOLTAGE: 48V
DIMENSION: 10.07"x2.67"Vx1.52"
RATING: UL, IP65, IP67



MEANWELL DRIVER PART #: HVG-320-48B
MAX WATTAGE: 320
INPUT VOLTAGE: 180-528VAC
OUTPUT VOLTAGE: 48V
DIMENSION: 10.31"x3.54"Vx1.72"
RATING: UL, IP65, IP67



MEANWELL DRIVER PART #: HVG-320-48B
MAX WATTAGE: 320
INPUT VOLTAGE: 180-528VAC
OUTPUT VOLTAGE: 48V
DIMENSION: 10.31"x3.54"Vx1.72"
RATING: UL, IP65, IP67



MEANWELL DRIVER PART #: HVG-320-48B
MAX WATTAGE: 320
INPUT VOLTAGE: 180-528VAC
OUTPUT VOLTAGE: 48V
DIMENSION: 10.31"x3.54"Vx1.72"
RATING: UL, IP65, IP67



TERMS AND CONDITIONS



WARRANTY

Standard four (4) year factory replacement warranty on all LED Drivers. This warranty is designated a "Limited Warranty" pursuant to Section 103(a) of the Federal Consumers Product Warranties Act. Defective LED Drivers are to be shipped, with RMA number, to Mount Laurel, NJ at purchaser's expense.

TERMS

Companies with approved credit: Thirty (30) days net from date of invoice.

FREIGHT

Freight will be allowed on \$750.00 for LED Drivers to all points in the U.S.A. excluding Hawaii and Alaska.

DAMAGE/DEFECTIVE PRODUCT

Any claims for loss and damage must be filed by the customer against the carrier. Consignment copies signed by the carrier acknowledging such loss or damage must be submitted to ZLEDLighting.

DROP SHIPMENTS

Drop shipments to other than customer's address of business will be allowed. If shipment destination is further than originating customer's premises, any extra freight charge will be customer's responsibility.

CLAIMS

Claims for inaccurate filling of orders must be submitted no later than two (2) days after receipt of shipment and needs to be made directly to ZLEDLighting. Copy of the invoice or packing list must be enclosed with the claim form.

RETRUNS

Customer will have to request a Return Merchandise Authorization (RMA), returned goods will only be accepted against an RMA number. Any item returned for credit or replacement will be subject to a 15% restocking fee if the error is not ours. LED Drivers must be returned freight prepaid. All returns must be returned within sixty (60) days of delivery or RMA will be canceled and customer will be responsible for payment.

PRICES

Prices are net 30 and subject to price increase without notice. All items are subject to a price change, should import tariffs increase.