Leading LED
Powering Solutions by

GREAlpha®
LED Power Specialists

LED DRIVERS

PRODUCT CATALOG 2024

Preferred by the world's leading architects, designers and lighting companies, GRE Alpha's LED Drivers provide exceptional function, reliability and quality, in a sustainable design.

Created by a diverse team of lighting and power specialists, GRE Alpha's wide range of LED powering products and accessories are well suited for your LED lighting systems, enabling high efficiency, product safety and performance. From easy-install, integrated wiring compartments, which drastically reduce installation costs in all of our stand-alone drivers, to deep, flicker-free dimming in our TRIAC dimmable LED drivers, GRE Alpha's LED products exploit the latest in power management technology, providing the most unique, adaptable and highest performing power products, that enable your LEDs to shine.

To guarantee continuous, optimal performance and safety- year after year, GRE Alpha's products use only the highest quality components. Since our inception as a power supply company in 1989, all of our LED Driver magnetics have been made in-house, ensuring consistent, high quality and performance. With up to a five year warranty on all products, long term product support is assured, which is enhanced by our 24/7 technical support.

From over two decades of power electronics experience and innovation, GRE Alpha has received over a dozen patents in its products, with firsts in several performance categories, including dimming and ease of installation.

AC-DC
LED Drivers

We know how exhausting it can be when searching for the perfect LED powering solution for your LED products. That's why our LED power supplies are designed to be flexible.

Our power supplies feature dual-mode constant-current, constant-voltage mode operation, with user adjustable output voltage and current. For the price of a basic, single mode driver, our drivers offer enhanced functionality and flexibility, to meet all of your application needs. What's more, you can cut installation costs by up to 50%, when using our patented, integral wiring compartments. We have the industry's only UL/cUL LISTED LED drivers, which can be easily incorporated into all end-product types in the same category, without additional agency fees!

Dual-mode Constant Current and Constant Voltage LED Drivers
Basic

- Universal AC Input
- Constant Current and Constant Voltage dual mode operation for flexibility and optimal performance
- User-adjustable Output Voltage and Current
- Up to 92% Efficiency
- Active Power Factor Correction, PF>0.9
- Heavy duty design for harsh environments
- Up to 4 output channels (can be combined)
- Built-in protection: SCP, OTP, OVP, OCP
- UL/cUL Class 1 and 2, CE, FCC Title 47 CFR 15 Class B
- IP 65
- Up to 5 years warranty

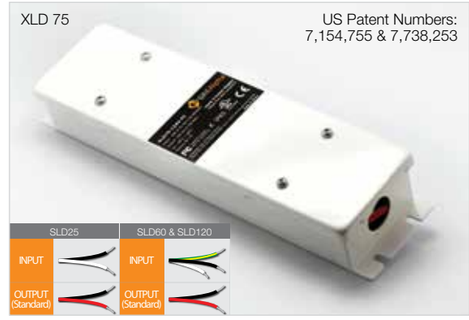
Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
SLD 25 ☐	207.8x31x32	-30°C to 60°C
XLD 75 SI	177x74.3x45.7	-40°C to 60°C
XLD 200 SI	215x112.5x61.3	-40°C to 60°C

Model Number	Input Voltage Range (V_{AC})	Channel(s) Output	CC mode					CV Mode					Max Output Power (per Channel) (W)	Total Output Power (W)
			Rated Current (per Channel) (A)	Compliance (LED) Voltage (V_{DC})		Current Pot Adjustable Range (All Channels) (A)		Preset Vout (V_{DC})	Load Range (per Channel) (A)		Voltage Pot Adjustable Range (V_{DC})			
				min	max	min	max		min	max	min	max		
SLD25-105V- ☐	90-305	1	5.0	3.0	5.0	0.25	5.25	5	0	5.25	3.5	5.3	25	25
SLD25-108V- ☐	90-305	1	3.1	4.0	8.0	0.16	3.28	8	0	3.28	5.6	8.4	25	25
SLD25-110V- ☐	90-305	1	2.5	5.0	10.0	0.13	2.63	10	0	2.63	7.0	10.5	25	25
SLD25-112V- ☐	90-305	1	2.1	6.0	12.0	0.10	2.19	12	0	2.19	8.4	12.6	25	25
SLD25-115V- ☐	90-305	1	1.7	7.5	15.0	0.08	1.75	15	0	1.75	10.5	15.8	25	25
SLD25-118V- ☐	90-305	1	1.4	9.0	18.0	0.07	1.46	18	0	1.46	12.6	18.9	25	25
SLD25-121V- ☐	90-305	1	1.2	10.5	21.0	0.06	1.25	21	0	1.25	14.7	22.1	25	25
SLD25-124V- ☐	90-305	1	1.0	12.0	24.0	0.05	1.09	24	0	1.09	16.8	25.2	25	25
SLD25-136V- ☐	90-305	1	0.7	18.0	36.0	0.03	0.73	36	0	0.73	25.2	37.8	25	25
SLD25-148V- ☐	90-305	1	0.5	24.0	48.0	0.03	0.55	48	0	0.55	33.6	50.4	25	25
XLD75-112V-SI	90-305	1	5.0	6.0	12.0	0.50	5.25	12	0	5.25	8.4	12.6	60	60
XLD75-115V-SI	90-305	1	5.0	7.5	15.0	0.50	5.25	15	0	5.25	10.5	15.8	75	75
XLD75-124V-SI	90-305	1	3.1	12.0	24.0	0.31	3.30	24	0	3.30	16.8	25.2	75	75
XLD75-136V-SI	90-305	1	2.1	18.0	36.0	0.21	2.18	36	0	2.18	25.2	37.8	75	75
XLD75-148V-SI	90-305	1	1.6	24.0	48.0	0.16	1.65	48	0	1.65	33.6	50.4	75	75
XLD200-1-12V-SI	90-305	1	16.7	6.0	12.0	1.67	17.50	12	0	17.50	8.4	12.6	200	200
XLD200-1-24V-SI	90-305	1	8.3	12.0	24.0	0.83	8.75	24	0	8.75	16.8	25.2	200	200
XLD200-1-48V-SI	90-305	1	4.2	24.0	48.0	0.42	4.38	48	0	4.38	33.6	50.4	200	200
XLD200-1-70V-SI	90-305	1	2.9	35.0	70.0	0.29	3.00	70	0	3.00	49.0	73.5	200	200
XLD200-1-105V-SI	90-305	1	1.9	52.5	105.0	0.19	2.00	105	0	2.00	73.5	110.3	200	200
XLD200-2-24V-SI	90-305	2	4.2	12.0	24.0	0.42	8.75	24	0	4.38	16.8	25.2	100	200
XLD200-2-36V-SI	90-305	2	2.8	18.0	36.0	0.28	5.83	36	0	2.92	25.2	37.8	100	200
XLD200-2-48V-SI	90-305	2	2.1	24.0	48.0	0.21	4.38	48	0	2.19	33.6	50.4	100	200
XLD200-3-15V-SI	90-305	3	4.4	7.5	15.0	0.44	14.00	15	0	4.67	10.5	15.8	70	200
XLD200-3-24V-SI	90-305	3	2.8	12.0	24.0	0.28	8.75	24	0	2.92	16.8	25.2	70	200
XLD200-3-30V-SI	90-305	3	2.2	15.0	30.0	0.22	7.00	30	0	2.33	21.0	31.5	70	200
XLD200-3-36V-SI	90-305	3	1.9	18.0	36.0	0.19	5.83	36	0	1.94	25.2	37.8	70	200
XLD200-3-48V-SI	90-305	3	1.4	24.0	48.0	0.14	4.38	48	0	1.46	33.6	50.4	70	200
XLD200-4-12V-SI	90-305	4	4.2	6.0	12.0	0.42	17.50	12	0	4.38	8.4	12.6	53	200

☐= FWI: With Volts/Amps Adjust Pots or FWO: No Volts/Amps Adjust Pots; SI: Waterproof standard aluminum housing

Dual-mode Constant Current and Constant Voltage LED Drivers
Easy-Install Integral Wiring Compartments

- Universal AC Input
- Integral wiring compartments for reduced installation costs
- Constant Current and Constant Voltage dual mode operation for flexibility and optimal performance
- User-adjustable Output Voltage and Current
- 1-10V dimming options with SLD Smart Dim series dimming module
- Up to 92% Efficiency
- Active Power Factor Correction, PF>0.9
- Heavy duty design for harsh environments
- Up to 4 output channels (can be combined)
- Built-in protection: SCP, OTP, OVP, OCP
- IP 65 stand-alone enclosure
- UL /cUL Listed* Class 1 and 2, CE, FCC Title 47 CFR 15 Class B
- Up to 5 years warranty



Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
SLD 60 FC	246x75x51.5	-30°C to 60°C
XLD 75 FC	285x74.7x41.5	-40°C to 60°C
XLD 200 FC	312x113.5x60.5	-40°C to 60°C

Model Number	Input Voltage Range (V_{AC})	Channel(s) Output	CC mode					CV Mode					Max Output Power (per Channel) (W)	Total Output Power (W)
			Rated Current (per Channel) (A)	Compliance (LED) Voltage (V_{DC})		Current Pot Adjustable Range (All Channels) (A)		Preset Vout (V_{DC})	Load Range (per Channel) (A)		Voltage Pot Adjustable Range (V_{DC})			
				min	max	min	max		min	max	min	max		
SLD 60-110V-FC	90-264	1	5.0	5.0	10.0	0.50	5.00	10	0	5.00	7.5	11.0	50	50
SLD 60-112V-FC	90-264	1	5.0	6.0	12.0	0.50	5.00	12	0	5.00	9.0	13.2	60	60
SLD60-115V-FC	90-264	1	4.0	7.5	15.0	0.40	4.00	15	0	4.00	11.3	16.5	60	60
SLD 60-118V-FC	90-264	1	3.3	9.0	18.0	0.33	3.33	18	0	3.33	13.5	19.8	60	60
SLD 60-121V-FC	90-264	1	2.9	10.5	21.0	0.29	2.86	21	0	2.86	15.8	23.1	60	60
SLD 60-124V-FC	90-264	1	2.5	12.0	24.0	0.25	2.50	24	0	2.50	18.0	26.4	60	60
SLD 60-148V-FC	90-264	1	1.3	24.0	48.0	0.13	1.25	48	0	1.25	36.0	52.8	60	60
XLD75-112V-FC	90-305	1	5.0	6.0	12.0	0.50	5.25	12	0	5.25	8.4	12.6	60	60
XLD75-115V-FC	90-305	1	5.0	7.5	15.0	0.50	5.25	15	0	5.25	10.5	15.8	75	75
XLD75-124V-FC	90-305	1	3.1	12.0	24.0	0.31	3.30	24	0	3.30	16.8	25.2	75	75
XLD75-136V-FC	90-305	1	2.1	18.0	36.0	0.21	2.18	36	0	2.18	25.2	37.8	75	75
XLD75-148V-FC	90-305	1	1.6	24.0	48.0	0.16	1.65	48	0	1.65	33.6	50.4	75	75

FC = Patented, easy install enclosure with integral wiring compartments.
* XLD75 and XLD200 series

Dual-mode Constant Current and Constant Voltage LED Drivers
Easy-Install Integral Wiring Compartments

Model Number	Input Voltage Range (V_{AC})	Channel(s) Output	CC mode					CV Mode					Max Output Power (per Channel) (W)	Total Output Power (W)
			Rated Current (per Channel) (A)	Compliance (LED) Voltage (V_{DC})		Current Pot Adjustable Range (All Channels) (A)		Preset Vout (V_{DC})	Load Range (per Channel) (A)		Voltage Pot Adjustable Range (V_{DC})			
				min	max	min	max		min	max	min	max		
XLD200-1-12V-FC	90-305	1	16.7	6.0	12.0	1.67	17.50	12	0	17.50	8.4	12.6	200	200
XLD200-1-24V-FC	90-305	1	8.3	12.0	24.0	0.83	8.75	24	0	8.75	16.8	25.2	200	200
XLD200-1-48V-FC	90-305	1	4.2	24.0	48.0	0.42	4.38	48	0	4.38	33.6	50.4	200	200
XLD200-1-70V-FC	90-305	1	2.9	35.0	70.0	0.29	3.00	70	0	3.00	49.0	73.5	200	200
XLD200-1-105V-FC	90-305	1	1.9	52.5	105.0	0.19	2.00	105	0	2.00	73.5	110.3	200	200
XLD200-2-24V-FC	90-305	2	4.2	12.0	24.0	0.42	8.75	24	0	4.38	16.8	25.2	100	200
XLD200-2-36V-FC	90-305	2	2.8	18.0	36.0	0.28	5.83	36	0	2.92	25.2	37.8	100	200
XLD200-2-48V-FC	90-305	2	2.1	24.0	48.0	0.21	4.38	48	0	2.19	33.6	50.4	100	200
XLD200-3-15V-FC	90-305	3	4.4	7.5	15.0	0.44	14.00	15	0	4.67	10.5	15.8	70	200
XLD200-3-24V-FC	90-305	3	2.8	12.0	24.0	0.28	8.75	24	0	2.92	16.8	25.2	70	200
XLD200-3-30V-FC	90-305	3	2.2	15.0	30.0	0.22	7.00	30	0	2.33	21.0	31.5	70	200
XLD200-3-36V-FC	90-305	3	1.9	18.0	36.0	0.19	5.83	36	0	1.94	25.2	37.8	70	200
XLD200-3-48V-FC	90-305	3	1.4	24.0	48.0	0.14	4.38	48	0	1.46	33.6	50.4	70	200
XLD200-4-12V-FC	90-305	4	4.2	6.0	12.0	0.42	17.50	12	0	4.38	8.4	12.6	53	200

FC = Patented, easy install enclosure with integral wiring compartments.

Dual-mode Constant Current and Constant Voltage LED Drivers
Fail-safe LED Driver with smart output monitor and AC power switch

- Universal AC Input
- AC ON/OFF Power Switch with LED indicator for easy monitoring and installation
- Easy-monitor LED indicator for DC output
- Constant Current and Constant Voltage dual mode operation for flexibility and optimal performance
- Active Power Factor Correction, PF>0.9
- Heavy duty design for harsh environments
- User-adjustable Output Voltage and Current
- Up to 4 output channels (can be combined)
- Built-in protection: SCP, OTP, OVP, OCP
- UL / cUL Class 1 and 2, CE, FCC Title 47 CFR 15 Class B
- IP 65
- Up to 5 years warranty

Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
XLD 75 SS	177x74.3x45.7	-40°C to 60°C
XLD200 SS	215x112.5x61.3	-40°C to 60°C

Model Number	Input Voltage Range (V_{AC})	Channel(s) Output	CC mode					CV Mode					Max Output Power (per Channel) (W)	Total Output Power (W)
			Rated Current (per Channel) (A)	Compliance (LED) Voltage (V_{DC})		Current Pot Adjustable Range (All Channels) (A)		Preset Vout (V_{DC})	Load Range (per Channel) (A)		Voltage Pot Adjustable Range (V_{DC})			
				min	max	min	max		min	max	min	max		
XLD75-112V-SS	90-305	1	5.0	6.0	12.0	0.50	5.25	12	0	5.25	8.4	12.6	60	60
XLD75-115V-SS	90-305	1	5.0	7.5	15.0	0.50	5.25	15	0	5.25	10.5	15.8	75	75
XLD75-124V-SS	90-305	1	3.1	12.0	24.0	0.31	3.30	24	0	3.30	16.8	25.2	75	75
XLD75-136V-SS	90-305	1	2.1	18.0	36.0	0.21	2.18	36	0	2.18	25.2	37.8	75	75
XLD75-148V-SS	90-305	1	1.6	24.0	48.0	0.16	1.65	48	0	1.65	33.6	50.4	75	75
XLD200-1-12V-SS	90-305	1	16.7	6.0	12.0	1.67	17.50	12	0	17.50	8.4	12.6	200	200
XLD200-1-24V-SS	90-305	1	8.3	12.0	24.0	0.83	8.75	24	0	8.75	16.8	25.2	200	200
XLD200-1-48V-SS	90-305	1	4.2	24.0	48.0	0.42	4.38	48	0	4.38	33.6	50.4	200	200
XLD200-1-70V-SS	90-305	1	2.9	35.0	70.0	0.29	3.00	70	0	3.00	49.0	73.5	200	200
XLD200-1-105V-SS	90-305	1	1.9	52.5	105.0	0.19	2.00	105	0	2.00	73.5	110.3	200	200
XLD200-2-24V-SS	90-305	2	4.2	12.0	24.0	0.42	8.75	24	0	8.75	16.8	25.2	100	200
XLD200-2-36V-SS	90-305	2	2.8	18.0	36.0	0.28	5.83	36	0	5.83	25.2	37.8	100	200
XLD200-2-48V-SS	90-305	2	2.1	24.0	48.0	0.21	4.38	48	0	4.38	33.6	50.4	100	200
XLD200-3-15V-SS	90-305	3	4.4	7.5	15.0	0.44	14.00	15	0	14.00	10.5	15.8	70	200
XLD200-3-24V-SS	90-305	3	2.8	12.0	24.0	0.28	8.75	24	0	8.75	16.8	25.2	70	200
XLD200-3-30V-SS	90-305	3	2.2	15.0	30.0	0.22	7.00	30	0	7.00	21.0	31.5	70	200
XLD200-3-36V-SS	90-305	3	1.9	18.0	36.0	0.19	5.83	36	0	5.83	25.2	37.8	70	200
XLD200-3-48V-SS	90-305	3	1.4	24.0	48.0	0.14	4.38	48	0	4.38	33.6	50.4	70	200
XLD200-4-12V-SS	90-305	4	4.2	6.0	12.0	0.42	17.50	12	0	17.50	8.4	12.6	53	200

SS = Waterproof aluminum housing with AC power switch and LED indicators

Dual-mode Constant Current and Constant Voltage LED Drivers
Easy-Install Integral Wiring Compartments

- Plug-and-Play Conduit Entry Ports and Wiring Compartments eliminate need for external junction boxes.
- Universal Input 90-305 VAC
- Dual Channel Operation for multiple strings of LEDs User Adjustable Output Voltage and Current
- Built in Over Current, Over Voltage, and Short Circuit Protection
- Low peak/noise current
- UL /cUL Listed Class 2, CE, FCC Title 47 CFR 15 Class B
- IP65
- Up to 5 years warranty

XSP120-FC

Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
XSP120	285 x 74.7 x 41.5	-20°C to 60°C

Model Number	Input Voltage Range (V_{AC})	Channel(s) Output	CC mode					CV Mode					Max Output Power (per Channel) (W)	Total Output Power (W)
			Rated Current (per Channel) (A)	Compliance (LED) Voltage (V_{DC})		Current Pot Adjustable Range (All Channels) (A)		Preset Vout (V_{DC})	Load Range (per Channel) (A)		Voltage Pot Adjustable Range (V_{DC})			
				min	max	min	max		min	max	min	max		
XSP120-208-FC	90-305	2	5.00	5.6	8.4	1.00	10.00	10	0	5.00	5.6	8.4	40	80
XSP120-212-FC	90-305	2	5.00	8.4	12.6	1.00	10.00	12	0	5.00	8.4	12.6	60	120
XSP120-215-FC	90-305	2	5.00	10.5	15.8	0.80	8.00	15	0	5.00	10.5	15.8	75	120
XSP120-224-FC	90-305	2	4.00	16.8	25.2	0.50	5.00	24	0	4.00	16.8	25.2	96	120
XSP120-248-FC	90-305	2	2.00	33.6	50.4	0.25	2.50	48	0	2.00	33.6	50.4	96	120

FC = Patented, easy install enclosure with integral wiring compartments.

Constant Voltage LED Drivers
Flying Leads

- UL Class P LED Driver, enabling drastically reduced approval times and agency approval costs.
- Universal AC Input
- Wide Input Voltage: 90-305 VAC
- Extremely Low operating temperature - 40°C to 60°C
- SCP, OCP, OTP, OVP
- With 12V 350mA Auxiliary Output option available.
- UL / cUL Class P, UL / cUL Class 2, CE, FCC Title 47 CFR 15 Class B
- IP65
- Type HL – Hazardous Location rated
- Up to 5 years warranty

SLV100-SI

Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
SLV100	195.4x60.7x37.1	-40°C to 60°C
SLV150	227x67.2x39.1	-40°C to 60°C

Model Number	Input Voltage Range (V_{AC})	Channel(s) Output	CV mode			Max Output Power (per Channel) (W)	Total Output Power (W)
			Preset Vout (V_{DC})	Loading Range (per Channel) (A)			
				min	max		
SLV100-112V-☐	90-305	1	12	0	8.33	100	100
SLV100-124V-☐	90-305	1	24	0	4.20	100	100
SLV100-148V-☐	90-305	1	48	0	2.10	100	100
SLV150-112V-☐	90-305	1	12	0	12.50	150	150
SLV150-124V-☐	90-305	1	24	0	6.25	150	150
SLV150-148V-☐	90-305	1	48	0	3.13	150	150

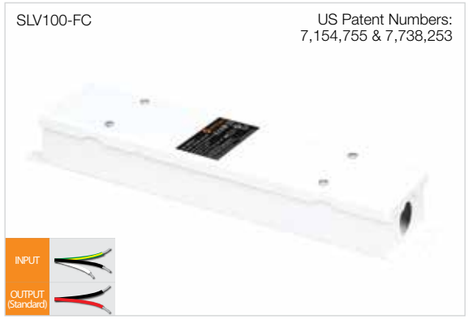
☐ = SI: Waterproof standard aluminum housing or SI(A): Waterproof standard aluminum housing with additional 12V 300mA Auxilliary Ouput

Constant Voltage LED Drivers
Easy-Install Integral Wiring Compartments

- UL Listed LED Driver, enabling drastically reduced approval times and agency approval costs.
- Universal AC Input
- Plug-and-Play Conduit Entry and Wiring Compartments.
- Eliminates need for external Junction boxes.
- Wide Input Voltage: 90-305 VAC
- Extremely Low operating temperature - 40°C to 60°C
- SCP, OCP, OTP, OVP
- With 12V 350mA Auxiliary Output option available.
- UL / cUL Listed Class 2, CE, FCC Title 47 CFR 15 Class B, CCC
- IP65, Wet Location rating
- Type HL – Hazardous Location rated
- Up to 5 years warranty

SLV100-FC

US Patent Numbers: 7,154,755 & 7,738,253



Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
SLV100	306.0x66.5x37.0	-40°C to 60°C
SLV150	340.0x76.0x41.5	-40°C to 60°C

Model Number	Input Voltage Range (V_{AC})	Channel(s) Output	CVmode			Max Output Power (per Channel) (W)	Total Output Power (W)
			Preset Vout (V_{DC})	Loading Range (per Channel) (A)			
				min	max		
SLV100-112V-☐	90-305	1	12	0	8.33	100	100
SLV100-124V-☐	90-305	1	24	0	4.20	100	100
SLV100-148V-☐	90-305	1	48	0	2.10	100	100
SLV150-112V-☐	90-305	1	12	0	12.50	150	150
SLV150-124V-☐	90-305	1	24	0	6.25	150	150
SLV150-148V-☐	90-305	1	48	0	3.13	150	150

☐ = FC: Patented, easy install enclosure with integral wiring compartments or
FC: Patented, easy install enclosure with integral wiring compartments with additional 12V 300mA Auxilliary Ouput

Constant Current LED Drivers
Independent Type

- Independent type with terminal block connectors
- Up to 88% efficiency
- User selectable output current
- Active Power Factor Correction, PF > 0.9
- Built-in protection: SCP, OTP, OVP, OCP
- For luminaires of protection Class I and Class II
- CB, CE
- Up to 5 years warranty

ELC 35

Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
ELC15	123.5x37.4x21.5	-25°C to 50°C
ELC25	145.5x37.4x21.5	-25°C to 50°C
ELC35	145.5x37.4x21.5	-25°C to 50°C
ELC50	172.5x42.4x21.5	-25°C to 45°C

Model Number	Input Voltage Range (V_{AC})	Channel(s) Output	CC mode				Max Output Power (per Channel) (W)	Total Output Power (W)
			Preset Current (per Channel) (A)	Current Selectable Values (A)	Compliance (LED) Voltage (V_{DC})			
					min	max		
ELC15-115V-SWC	220-240	1	1.05	1.05/0.7/0.5/0.35	7.5	15	16	16
ELC15-124V-SWC	220-240	1	0.7	0.7/0.5/0.4/0.35	12	24	17	17
ELC15-136V-SWC	220-240	1	0.4	0.4/0.35/0.3/0.2	18	36	14	14
ELC25-125V-SWC	220-240	1	1.05	1.05/0.7/0.5/0.35	12.5	25	26	26
ELC25-136V-SWC	220-240	1	0.7	0.7/0.5/0.4/0.35	18	36	25	25
ELC35-136V-SWC	220-240	1	1.05	1.05/0.7/0.5/0.35	18	36	38	38
ELC50-148V-SWC	220-240	1	1.05	1.05/0.7/0.5/0.35	24	48	50	50
ELC50-136V-SWC	220-240	1	1.4	1.4/1.05/0.7/0.5	18	36	50	50

SWC: Compact form housing with terminal block connectors for EU market.

Constant Current LED Drivers
Flying Leads

- UL/cUL Listed versions available*
- Universal AC Input
- Up to 90% Efficiency
- User adjustable output current
- Active Power Factor Correction, PF > 0.9
- Built-in protection: SCP, OTP, OVP, OCP
- UL / cUL Class 1 and UL / cUL Listed* Class 2, CB, CE, FCC Title 47 CFR 15 Class B
- Up to 5 years warranty

GLC50

Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
GLC50-SWI	132.2x51.1x38	-25°C to 45°C
GLC50-SWO	132.2x51.1x38	-40°C to 60°C
GLD40	206x80.5x43	-20°C to 60°C

Model Number	Input Voltage Range (V_{AC})	Channel(s) Output	CC Output					Min. Output Power (W)	Max Output Power (per Channel) (W)	Rated Output Power (W)
			Preset Max. Iout (per Channel) (A)	Current Pot Adjustable Range (A)		Compliance Voltage (V_{DC})				
				min	max	min	max			
GLC50-118V-☐	100-277	1	2.80	1.12	2.94	9.0	18.0	10.1	50.4	55
GLC50-124V-☐	100-277	1	2.10	0.84	2.21	12.0	24.0	10.1	50.4	55
GLC50-136V-☐	100-277	1	1.40	0.56	1.50	18.0	36.0	10.1	50.4	55
GLC50-142V-☐	100-277	1	1.20	0.48	1.26	21.0	42.0	10.1	50.4	55
GLC50-148V-☐	100-277	1	1.05	0.42	1.10	24.0	48.0	10.1	50.4	55
GLC50-170V-☐	100-277	1	0.70	0.28	0.74	35.0	70.0	9.8	49.0	50
GLC50-1125V-☐	100-277	1	0.40	0.16	0.42	62.5	125.0	10.0	50.0	50
GLC50-1140V-☐	100-277	1	0.35	0.14	0.37	70.0	140.0	9.8	49.0	50
GLD40-450-0.2	100-277	4	0.2	n/a	n/a	25.0	50.0	5.0	10.0	40

☐= SWI : Indoor Version or SWO: Outdoor Version
* with cable connectors

Constant Voltage LED Drivers
Flying Leads

- UL/cUL Listed versions available*
- Universal AC Input
- Up to 90% Efficiency
- User adjustable output voltage
- Dynamic load response technology
- 0/1-10V dimming options with SLD Smart Dim series dimming module
- Active Power Factor Correction, PF > 0.9
- Built-in protection: SCP, OTP, OVP, OCP
- UL / cUL Class 1 and UL / cUL Listed* Class 2, CB, CE, FCC Title 47 CFR 15 Class B
- IP 65
- Up to 5 years warranty

GLV50

Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
GLV 50 SWI	132.2x51.1x38	-25°C to 45°C
GLV 50 SWO	132.2x51.1x38	-40°C to 60°C

Model Number	Input Voltage Range (V_{AC})	Channel(s) Output	CV Output					Max Output Power (W)	Rated Output Power (W)
			Preset Max. Vout (V_{DC})	Voltage Pot Adjustable Range (V_{DC})		Loading Current Range (A)			
				min	max	min	max		
GLV50-112V-☐	100-277	1	12	6.0	12.6	0.0	4.00	48	50
GLV50-115V-☐	100-277	1	15	7.5	15.8	0.0	3.50	53	55
GLV50-124V-☐	100-277	1	24	12.0	25.2	0.0	2.00	48	50
GLV50-136V-☐	100-277	1	36	18.0	37.8	0.0	1.40	50	50
GLV50-148V-☐	100-277	1	48	24.0	50.4	0.0	1.00	48	50

☐= SWI : Indoor Version or SWO: Outdoor Version
* with cable connectors

Dimmable LED Drivers

See it all. Not 1% but 0-100% dimming.

Our dimmable LED drivers offer the widest dimming range and leading edge/ trailing edge dimmer compatibility in the market. Incorporating revolutionary, smart-dim technology, GRE Alpha's power supplies can now dim to as low as 0% with smooth, flicker-free performance. This is very important when a dimmable range of 1% is equivalent to 10% brightness, as perceived by the human eye! Each dimmable LED driver includes proprietary, synchronized technology, so that multiple LED drivers, connected to their respective LED lights, enable synchronous dimming, ensuring consistent brightness.

Constant Current Dimmable LED Drivers
Forward/Reverse Phase dimmable

- Wide Dimmer compatibility- supports most phase type dimmers in the market, including leading edge and trailing edge, electronic low voltage (ELV), TRIAC, and SCR dimmers.
- Dimming Range: 0 -100%
- Wiring compartment options available
- Wire and push-in EU independent type (wire locking) connector I/O options
- Synchronized dimming
- Energy Star Compliant
- Built-in protection: SCP, OTP, OVP, OCP
- UL/cUL Class 1 and 2, CE, FCC Title 47 CFR 15 Class B
- IP 65
- Up to 5 years warranty

XLA 18

Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
XLA 18 LT	205x31.5x29.5	-25°C to 60°C
XLA 18 SWI/SWO	86x55x29	-25°C to 60°C
XLA 18 SWC	103x67x30	-25°C to 60°C
XLA 25	234x31.5x29.5	-30°C to 60°C
XLA 28 SWI	102x58x31	-40°C to 50°C
XLA 28 SWO	102x58x31	-40°C to 60°C
XLA 65 SWO	127.8x48.8x34	-40°C to 60°C
XLA 100 SI	226x74x43	-40°C to 60°C
XLA 100 SSB	336x124x43	-40°C to 60°C

Model Number		Channel(s) Output	CC Output				Max Output Power (per Channel) (W)
			Iout (per Channel) (A)	Nominal Vout (V_{DC})	Compliance Voltage (V_{DC})		
100-120VAC Input	200-240 VAC Input			Typ	min	max	
XLA(L)18-1100V-☐	XLA(H)18-1100V-☐	1	0.18	100	73.5	105.0	18
XLA(L)18-160V-☐	XLA(H)18-160V-☐	1	0.30	60	44.1	63.0	18
XLA(L)18-148V-☐	XLA(H)18-148V-☐	1	0.35	48	35.3	50.4	16.8
XLA(L)18-142V-☐	XLA(H)18-142V-☐	1	0.40	42	30.9	44.1	16.8
XLA(L)18-136V-☐	XLA(H)18-136V-☐	1	0.50	36	26.5	37.8	18
XLA(L)18-130V-☐	XLA(H)18-130V-☐	1	0.60	30	22.1	31.5	18
XLA(L)18-124V-☐	XLA(H)18-124V-☐	1	0.70	24	17.6	25.2	16.8
XLA(L)18-116V-☐	XLA(H)18-116V-☐	1	1.05	16	11.8	16.8	16.8
XLA(L)18-112V-☐	XLA(H)18-112V-☐	1	1.50	12	8.8	12.6	18
XLA(L)25-1125V-FWO	XLA(H)25-1125V-FWO	1	0.20	125	91.9	131.3	25
XLA(L)25-1106V-FWO	XLA(H)25-1106V-FWO	1	0.24	106	77.9	111.3	25
XLA(L)25-196V-FWO	XLA(H)25-196V-FWO	1	0.26	96	70.6	100.8	25
XLA(L)25-183V-FWO	XLA(H)25-183V-FWO	1	0.30	83	61.0	87.2	25
XLA(L)25-171V-FWO	XLA(H)25-171V-FWO	1	0.35	71	52.2	74.6	25
XLA(L)25-163V-FWO	XLA(H)25-163V-FWO	1	0.40	63	46.3	66.2	25.5
XLA(L)25-156V-FWO	XLA(H)25-156V-FWO	1	0.45	56	41.2	58.8	25.5
XLA(L)25-150V-FWO	XLA(H)25-150V-FWO	1	0.50	50	36.8	52.5	25
XLA(L)25-138V-FWO	XLA(H)25-138V-FWO	1	0.65	38	27.9	39.9	25
XLA(L)25-136V-FWO	XLA(H)25-136V-FWO	1	0.70	36	26.5	37.8	25.5
XLA(L)25-128V-FWO	XLA(H)25-128V-FWO	1	0.90	28	20.6	29.4	25.5
XLA(L)25-124V-FWO	XLA(H)25-124V-FWO	1	1.05	24	17.6	25.2	25.5
XLA(L)25-120V-FWO	XLA(H)25-120V-FWO	1	1.25	20	14.7	21.0	25
XLA(L)25-117V-FWO	XLA(H)25-117V-FWO	1	1.50	17	12.5	17.9	25
XLA(L)25-112V-FWO	XLA(H)25-112V-FWO	1	2.00	12	8.8	12.6	25

1) LT - Long & thin form factor housing majors for LED tube and signs application. 2) SWO- Short & Wide housing with I/O wires and potting for outdoor application.
3) SWI - Short & Wide housing with I/O wires but no potting for indoor application. 4) SWC - Short & Wide housing with I/O onboard connector for Euro market.
5) FWO - No volts/Amps Adjust Pots.

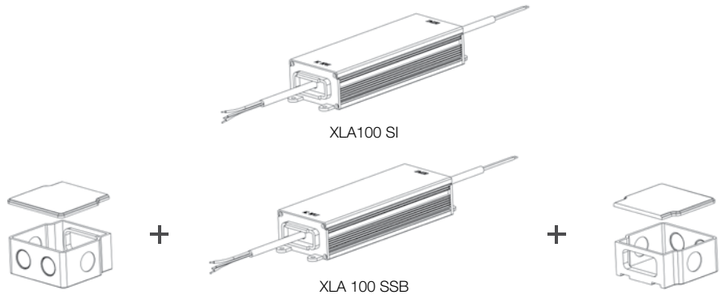
XLA 28

XLA 65

Model Number		Channel(s) Output	CC Output				Max Output Power (per Channel) (W)
			Iout (per Channel) (A)	Nominal Vout (V_{DC})	Compliance Voltage (V_{DC})		
100-120V_{AC} Input	200-240 V_{AC} Input			Typ	min	max	
XLA(L)28-112V(A)-☐	XLA(H)28-112V(A)-☐	1	2.10	12	8.4	12.6	26
XLA(L)28-112V(B)-☐	XLA(H)28-112V(B)-☐	1	2.00	12	8.4	12.6	25
XLA(L)28-115V-☐	XLA(H)28-115V-☐	1	1.80	15	10.5	15.8	28
XLA(L)28-118V-☐	XLA(H)28-118V-☐	1	1.50	18	12.6	18.9	28
XLA(L)28-120V-☐	XLA(H)28-120V-☐	1	1.40	20	14.0	21.0	29
XLA(L)28-124V-☐	XLA(H)28-124V-☐	1	1.20	24	16.8	25.2	30
XLA(L)28-128V-☐	XLA(H)28-128V-☐	1	1.00	28	19.6	29.4	29
XLA(L)28-136V-☐	XLA(H)28-136V-☐	1	0.70	36	25.2	37.8	26
XLA(L)28-142V-☐	XLA(H)28-142V-☐	1	0.70	42	29.4	44.1	31
XLA(L)28-148V-☐	XLA(H)28-148V-☐	1	0.50	48	33.6	50.4	25
XLA(L)28-160V-☐	XLA(H)28-160V-☐	1	0.48	60	42.0	63.0	30
XLA(L)28-172V-☐	XLA(H)28-172V-☐	1	0.40	72	50.4	75.6	30
XLA(L)28-181V-☐	XLA(H)28-181V-☐	1	0.35	81	56.7	85.1	29
XLA(L)65-115V-SWO	XLA(H)65-115V-SWO	1	3.00	15	11.0	15.8	47
XLA(L)65-118V-SWO	XLA(H)65-118V-SWO	1	3.00	18	13.2	18.9	57
XLA(L)65-124V-SWO	XLA(H)65-124V-SWO	1	2.10	24	17.6	25.2	53
XLA(L)65-130V-SWO	XLA(H)65-130V-SWO	1	1.5	30	21.0	31.5	50
XLA(L)65-136V-SWO	XLA(H)65-136V-SWO	1	1.50	36	26.5	37.8	57
XLA(L)65-142V-SWO	XLA(H)65-142V-SWO	1	1.40	42	30.9	44.1	62
XLA(L)65-148V-SWO	XLA(H)65-148V-SWO	1	1.05	48	35.3	50.4	53
XLA(L)65-160V-SWO	XLA(H)65-160V-SWO	1	1.00	60	44.1	63.0	63
XLA(L)65-172V-SWO	XLA(H)65-172V-SWO	1	0.80	72	52.9	75.6	61
XLA(L)65-185V-SWO	XLA(H)65-185V-SWO	1	0.70	85	62.5	89.3	63

☐= SWI : Indoor Version or SWO: Outdoor Version

Constant Current Dimmable LED Drivers
Forward/Reverse Phase dimmable



Model Number		Channel(s) Output	CC Output				Max Output Power (per Channel) (W)
			Iout (per Channel) (A)	Nominal Vout (V_{DC})	Compliance Voltage (V_{DC})		
100-120VAC Input	200-240 VAC Input			Typ	min	max	
XLA(L)100-124V- Δ	XLA(H)100-124V- Δ	1	4.00	24	17.6	25.2	101
XLA(L)100-130V- Δ	XLA(H)100-130V- Δ	1	3.00	30	22.1	31.5	95
XLA(L)100-132V- Δ	XLA(H)100-132V- Δ	1	2.80	32	23.5	33.6	94
XLA(L)100-136V- Δ	XLA(H)100-136V- Δ	1	2.70	36	26.5	37.8	102
XLA(L)100-142V- Δ	XLA(H)100-142V- Δ	1	2.10	42	30.9	44.1	92
XLA(L)100-148V- Δ	XLA(H)100-148V- Δ	1	2.00	48	35.3	50.4	101
XLA(L)100-160V- Δ	XLA(H)100-160V- Δ	1	1.50	60	44.1	63.0	95
XLA(L)100-172V- Δ	XLA(H)100-172V- Δ	1	1.40	72	52.9	75.6	106
XLA(L)100-180V- Δ	XLA(H)100-180V- Δ	1	1.00	80	58.8	84.0	84
XLA(L)100-1105V- Δ	XLA(H)100-1105V- Δ	1	1.00	105	77.2	110.3	105

Δ = SSB: Aluminum housing with easy install wiring compartments
or SI: Waterproof standard aluminum housing

Constant Voltage Dimmable LED Drivers
Linear Lighting Pro Dimmable Series

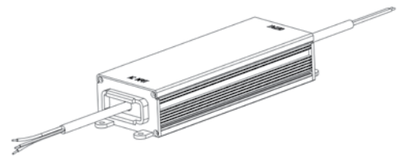
- Wide Dimmer compatibility- supports most phase type dimmers in the market, including leading edge and trailing edge, electronic low voltage (ELV), TRIAC, and SCR dimmers.
- Dimming Range: 0 -100%
- Integral 1-10V Dimming options available
- Wiring compartments for reduced installation costs
- Active Power Factor Correction, PF>0.9
- Energy Star Compliant
- Built-in protection: SCP, OTP, OVP, OCP
- UL/cUL Listed* Class 2, CE, FCC Title 47 CFR 15 Class B
- IP 65
- Type HL - Hazardous Location rated*
- Up to 5 years warranty

XLAV60

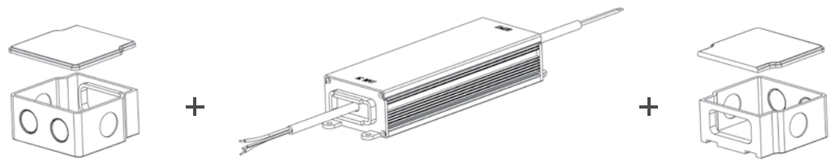
Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
XLAV 60/80 SI	226x74x43	-40°C to 60°C
XLAV 60/80 SSB	366x124x43	-40°C to 60°C

Model Number		Channel(s) Output	CV Output					Max Output Power (per Channel) (W)	Rated Output Power (W)
			Vout (V_{DC})	Loading Current (with dimmer) (per Channel) (A)		Loading Current (without dimmer) (per Channel) (A)			
100-120VAC Input	200-240VAC Input			min	max	min	max		
XLAV(L)60-112V- ☐	XLAV(H)60-112V- ☐	1	12	1.75	5.00	0.25	5.00	60	60
XLAV(L)60-124V- ☐	XLAV(H)60-124V- ☐	1	24	0.88	2.50	0.13	2.50	60	60
XLAV(L)80-112V- ☐	XLAV(H)80-112V- ☐	1	12	2.28	6.50	0.33	6.50	78	80
XLAV(L)80-124V- ☐	XLAV(H)80-124V- ☐	1	24	1.16	3.30	0.17	3.30	79	80

* SSB version
☐ = SSB: Aluminum housing with easy install wiring compartments
or SI: Waterproof standard aluminum housing



XLAV 60/80 SI



XLAV 60/80 SSB

Constant Voltage Dimmable LED Drivers
Linear Lighting Pro Dimmable Series

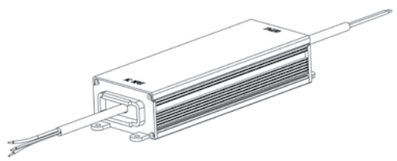
- Wide Dimmer compatibility- supports most phase type dimmers in the market, including leading edge and trailing edge, electronic low voltage (ELV), TRIAC, and SCR dimmers.
- Dimming Range: 0 -100%
- PWM Output
- Integral 1-10V Dimming options available
- Wiring compartments for reduced installation costs
- Active Power Factor Correction, PF>0.9
- Built-in protection: SCP, OTP, OVP, OCP
- UL/cUL Listed* Class 2, FCC Title 47 CFR 15 Class B
- IP 65
- Type HL - Hazardous Location rated
- Up to 5 years warranty

XLAVP(L)100-SSB

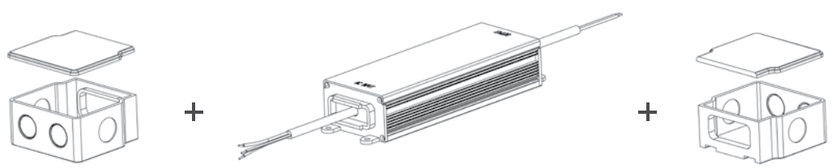
Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
XLAVP(L)100 SI	251x74.3x43	-40°C to 60°C
XLAVP(L)100 SSB	391x124x43	-40°C to 60°C

Model Number	Input Voltage Range (V_{AC})	Channel(s) Output	CV Output					Max Output Power (per Channel) (W)	Rated Output Power (W)
			Vout (V_{DC})	Loading Current (with dimmer) (per Channel) (A)		Loading Current (without dimmer) (per Channel) (A)			
				min	max	min	max		
XLAVP(L)100-112V-☐	100-120	1	12	1.50	5.00	0.25	5.00	60	60
XLAVP(L)100-124V-☐	100-120	1	24	1.20	4.00	0.20	4.00	96	96
XLAVP(L)100-130V-☐	100-120	1	30	0.96	3.20	0.16	3.20	96	96
XLAVP(L)100-148V-☐	100-120	1	48	0.60	2.00	0.10	2.00	96	96
XLAVP(L)100-158V-☐	100-120	1	58	0.50	1.65	0.08	1.65	96	96

* SSB version
☐ = SSB: Aluminum housing with easy install wiring compartments or SI: Waterproof standard aluminum housing



XLAP(L)100 SI



XLAP(L)100 SSB

Constant Voltage Dimmable LED Drivers
Linear Lighting Pro Dimmable Series Easy-Install Integral Wiring Compartments

- Wide Dimmer compatibility- supports most phase type dimmers in the market, including leading edge and trailing edge, electronic low voltage (ELV), TRIAC, and SCR dimmers.
- Dimming Range: 0 -100%
- PWM Output
- Wiring compartments for reduced installation costs
- Active Power Factor Correction, PF>0.9
- Built-in protection: SCP, OTP, OVP, OCP
- UL/cUL Listed Class 2, FCC Title 47 CFR 15 Class B
- IP 65
- Type HL - Hazardous Location rated
- Up to 5 years warranty

XLAVP100-FC

US Patent Numbers: 7,154,755 & 7,738,253

Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
XLAVP(L)100 FC	354x76x43.5	-40°C to 60°C

Model Number	Input Voltage Range (V_{AC})	Channel(s) Output	CV Output					Max Output Power (per Channel) (W)	Rated Output Power (W)
			Vout (V_{DC})	Loading Current (with dimmer) (per Channel) (A)		Loading Current (without dimmer) (per Channel) (A)			
				min	max	min	max		
XLAVP(L)100-112V-FC	100-120	1	12	1.50	5.00	0.25	5.00	60	60
XLAVP(L)100-124V-FC	100-120	1	24	1.20	4.00	0.20	4.00	96	96
XLAVP(L)100-130V-FC	100-120	1	30	0.96	3.20	0.16	3.20	96	96
XLAVP(L)100-148V-FC	100-120	1	48	0.60	2.00	0.10	2.00	96	96
XLAVP(L)100-158V-FC	100-120	1	58	0.50	1.65	0.08	1.65	96	96

FC = Patented, easy install enclosure with integral wiring compartments

Distributor

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USA: (770) 538-0630
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