

Your Partner in
Smart Connected Lighting



LIGHTING CONTROL MODULES AND ACCESSORIES

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.

Dimming Devices & Accessories

Achieve TRUE energy savings with GRE Alpha's Dimming devices.

While dimming can save energy for an LED light, this is only true if the efficiency of the entire lighting system is guaranteed. With an inefficient dimmable driver, you may end up with a lighting system that consumes more energy than a non dimming system! GRE Alpha's dimming devices have efficiencies of over 95%, ensuring that dimming driver energy efficiency complements the LED efficacy, offering complete, system wide efficacy.



LED Dimming Modules EnOcean Wireless Constant Voltage Dimming Module

- Wireless dimming with integrated EnOcean module
- Works with any EnOcean compatible wireless dimmer
- 868 MHz (Europe, China), 902 MHz (USA, Canada), 928 MHz (Japan) versions available
- Wide range DC input
- Spring-loaded terminal for easy installation
- Up to 97% Efficiency
- UL Listed Appliance Controls
- Up to 5 years warranty



Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
ENO-DIM-US	85.1x35.9x15.1	-20°C to 60°C
ENO-DIM-JP	85.1x35.9x15.1	-20°C to 60°C
ENO-DIM-EU	85.1x35.9x15.1	-20°C to 60°C



Model Number	Input Voltage Range (V _{DC})	Channel (s) Output	EnOcean Frequency (MHz)	Output Rating		Max Output Power (All Channels) (W)
				Voltage (V _{DC})	Max. Current (All Channels) (A)	
ENO-DIM-US	8-48	1	902	V _{in} - 0.3V	5	240
ENO-DIM-JP	8-48	1	928	V _{in} - 0.3V	5	240
ENO-DIM-EU	8-48	1	868	V _{in} - 0.3V	5	240

LED Dimming Modules EnOcean Wireless Constant Current Dimming Module

- Wireless dimming with integrated EnOcean module
- Works with any EnOcean compatible wireless dimmer
- 868 MHz (Europe, China), 902 MHz (USA, Canada), 928 MHz (Japan) versions available
- Wide range DC input
- User selectable output current
- Spring-loaded terminal for easy installation
- Up to 5 years warranty



Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
ENO-DIM-CC-US	90.65x45.35x15.1	-20°C to 50°C
ENO-DIM-CC-JP	90.65x45.35x15.1	-20°C to 50°C
ENO-DIM-CC-EU	90.65x45.35x15.1	-20°C to 50°C



Model Number	Input Voltage Range (V _{DC})	Channel (s) Output	EnOcean Frequency (MHz)	Output Rating			
				Current Selectable Values (A)		Compliance Voltage (V)	Max Output Power (W)
				min	max		
ENO-DIM-CC-US	8-48	1	902	1.05/0.9/0.7/0.5/0.35	(V _{in} - 3V) / 2	V _{in} - 3V	50
ENO-DIM-CC-JP	8-48	1	928	1.05/0.9/0.7/0.5/0.35	(V _{in} - 3V) / 2	V _{in} - 3V	50
ENO-DIM-CC-EU	8-48	1	868	1.05/0.9/0.7/0.5/0.35	(V _{in} - 3V) / 2	V _{in} - 3V	50

* The voltage difference between V_{out} (or input to LED) and V_{in} must not exceed 12V.

LED Dimming Modules Zigbee Constant Voltage Dimming Module

- Based on international standards IEEE 802.15.4 and ZigBee 3.0
- True interoperability with major eco-systems like Philips, IKEA, OSRAM and ubisys
- Interoperability is device-to-device, not a cloud-to-cloud – no reliance on internet connectivity
- Can be controlled in multiple ways, seamlessly and concurrently: using a hub, remote controls, mains-powered (ubisys C4), battery-powered (e.g. Philips dimmer switch) or battery-less (e.g. EnOcean ZGP) switches, on/off occupancy sensors (e.g. IKEA), etc.
- Can be directly controlled by battery-less ZigBee Green Power switches (recommendation: new/upcoming enOcean PTM216Z generic switch module)
- When combined with ubisys G1, lights can be controlled using smartphone apps, HomeKit, or Amazon Alexa, or based on schedules etc.
- Lights can be grouped and either controlled individually or as a group (either using a gateway or a simple remote control)
- Light scenes with multiple lights, where each light comes up at its own light level as preset by the user
- Over-the-air firmware upgrade capable – ubisys G1 or any other Zigbee OTA server can deploy new firmware with enhancements and bug-fixes
- Prepared for Bluetooth Low-Energy for simple applications (requires a future firmware-upgrade)
- Up to 5 years warranty



Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
SLD-DIM-ZB	85.1 x 35.9 x 15.1	-20°C to 40°C



Model Number	Input Voltage Range (V _{DC})	Channel (s) Output	Output Rating		Max Output Power (All Channels) (W)
			Voltage (V _{DC})	Max. Current (All Channels) (A)	
SLD-DIM-ZB	8-48	1	V _{in} - 0.3V	5	240

LED Dimming Modules Xicato BLE Constant Voltage Dimming Module

- BLE 4.2 and BLE 5.0 with BLE Mesh and beacon technology
- Single, double and 4-channel options available for color mixing or single color control
- Scalable with minimal structure upgrades supporting over 1 trillion nodes
- Industry leading lighting commissioning and control via Xicato Control app and software
- Interoperability with DALI and EnOcean protocols for seamless lighting system integration
- Comply with EN55015 and FCC Part 15 without additional input filter or capacitor
- Compact size, high reliability
- Up to 5 years warranty



Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
SLD-DIM-XG	60 x 40 x 21	-20°C to 40°C
SLD-DIM-XG2	144x46.9x27.3	-20°C to 40°C
SLD-DIM-XG4	144x46.9x27.3	-20°C to 40°C



Model Number	Input Voltage Range (V _{DC})	Max. Input Current (A)	Channel (s) Output	Output Rating		Max Output Power (All Channels) (W)
				Voltage (V _{DC})	Max. Current (All Channels) (A)	
SLD-DIM-XG	8-48	10	1	V _{in} - 0.3V	5	240
SLD-DIM-XG2	8-48	10	2	V _{in} - 0.3V	5	200
SLD-DIM-XG4	8-48	10	4	V _{in} - 0.3V	5	400

LED Dimming Modules Casambi Ready BLE Constant Voltage Dimming Module

- Free Casambi App on Android and iOS
- Official Casambi Ecosystem Partner works with Casambi Ecosystem products
- Enables multiple fixture dimming from one Casambi node, i.e. Track Lighting
- Easily integrate Casambi BLE to any non-dimming installation
- Easily integrate Casambi BLE to replace any existing wired dimming system, i.e. 0-10V, Phase dimming, etc.
- Supports OTA updates
- Single, dual, four (RGBW) and five (RGBWW) channel output versions available
- Dim-to-Warm and Tunable White profiles can be selected in the Casambi App for different applications
- UL Listed module can be installed anywhere, including within GRE Alpha LED drivers, to eliminate J-boxes, etc.
- Comply with EN55015 and FCC Part 15 without additional input filter or capacitor
- Compact size, high reliability
- Up to 5 years warranty



Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
SLD-DIM-CB	60 x 40 x 21	-20 to 40
SLD-DIM-CB2	144 x 46.9 x 27.3	-20 to 40
SLD-DIM-CB2-UL	98 x 44 x 14.5	-20 to 60
SLD-DIM-CB4	144 x 46.9 x 27.3	-20 to 40
SLD-DIM-CB4-UL	98 x 44 x 14.5	-20 to 60
SLD-DIM-CB5-UL	98 x 44 x 14.5	-20 to 60



Model Number	Input Voltage Range (V _{DC})	Channel(s) Input	Channel (s) Output	Output Rating		Max Output Power (All Channels) (W)
				Voltage (V _{DC})	Max. Current (per Channel) (A)	
SLD-DIM-CB	8-48	1	1	V _{in} - 0.3V	5	240
SLD-DIM-CB2	8-48	1	2	V _{in} - 0.3V	5	200
SLD-DIM-CB2-UL	8-48	2	2	V _{in} - 0.3V	5	200
SLD-DIM-CB4	8-48	1	4	V _{in} - 0.3V	5	400
SLD-DIM-CB4-UL	8-48	4	4	V _{in} - 0.3V	5	400
SLD-DIM-CB5-UL	8-48	5	5	V _{in} - 0.3V	5	500

LED Dimming Modules Casambi Ready BLE and Tunable White Constant Current LED Dimming Module

- Free Casambi App on Android and iOS
- Official Casambi Ecosystem Partner works with Casambi Ecosystem products
- Casambi App Tunable White Function Supported
- Adjust CCT and Brightness via two channels
- Supports OTA updates
- Enables multiple fixture dimming from one Casambi node
- Easily integrate Casambi BLE to any non-dimming installation
- Easily integrate Casambi BLE to replace any existing wired dimming system, i.e. 0-10V, Phase dimming, etc.
- Supports OTA updates.
- Comply with EN55015 and FCC Part 15 without additional input filter or capacitor
- Compact size, high reliability
- UL Listed Appliance Controls
- IP65
- Up to 5 years warranty



Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
GLD-DIMTW-CB-L	98 x 44 x 14.5	-20 to 60
GLD-DIMTW-CB-H	98 x 44 x 14.5	-20 to 60



Model Number	Input Voltage Range (V _{DC})	Channel(s) Input	Channel (s) Output	Output Rating		Max Output Power (W)	Total Output Power (W)		
				Current Selectable Values (A)				Compliance Voltage (V)	
				min	max			min	max
GLD-DIMTW-CB-L	24-60	2	2	0.7/0.6/0.5/0.35	(V _{in} - 3V) / 2	V _{in} - 3V	40	40	
GLD-DIMTW-CB-H	24-60	2	2	1.4/1.05/0.9/0.7	(V _{in} - 3V) / 2	V _{in} - 3V	80	80	

LED Dimming Modules

Tuya WIFI + BLE Constant Voltage LED Dimming Module

- WIFI + BLE wireless control
- Single or dual channel output, dim-to-warm, tunable white and RGBW versions available
- Free TUYA App on Android and iOS
- TUYA Smart Ecosystem Partner
- Supports OTA updates
- Easily integrate TUYA WiFi/BLE to any non-dimming installation
- Easily integrate TUYA WiFi/BLE to replace any existing wired dimming system, i.e. 0-10V, Phase dimming, etc.
- Comply with EN55015 and FCC Part 15 without additional input filter or capacitor
- Compact size, high reliability
- 97% Efficiency
- UL Listed Appliance Controls
- IP65
- Up to 5 years warranty



Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
SLD-DIM-WF1	98 x 44 x 14.5	-20 to 60
SLD-DIM-WF2	98 x 44 x 14.5	-20 to 60
SLD-DIM-WF2-DM	98 x 44 x 14.5	-20 to 60
SLD-DIM-WF2-TW	98 x 44 x 14.5	-20 to 60
SLD-DIM-WF4-RGBW	98 x 44 x 21	-20 to 60



Model Number	Input Voltage Range (V _{DC})	Max. Input Current (A)	Channel (s) Output	Output Rating		Max Output Power (All Channels) (W)
				Voltage (V _{DC})	Max. Current (All Channels) (A)	
SLD-DIM-WF1	8-48	1	1	V _{in} - 0.3V	5	240
SLD-DIM-WF2	8-48	2	2	V _{in} - 0.3V	5	200
SLD-DIM-WF2-DW	8-48	2	2	V _{in} - 0.3V	5	200
SLD-DIM-WF2-TW	8-48	2	2	V _{in} - 0.3V	5	200
SLD-DIM-WF4-RGBW	8-48	4	4	V _{in} - 0.3V	5	400

LED Dimming Modules

Constant Voltage Dimming Module (0/1-10V)

- 1-10V PWM Dimming with no shift in LED color temperature
- Works well with GRE Alpha AC-DC LED Drivers*
- Single or dual channel output version available
- 97% Efficiency
- IP 65
- UL Listed Appliance Controls
- FCC Title 47 CFR 15 Class B Compliant without additional input filters and capacitors
- Up to 5 years warranty



Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
SLD-DIM1	56x37x14.5	-20°C to 60°C
SLD-DIM2	98x44x14.5	-20°C to 60°C



Model Number	Input Voltage Range (V _{DC})	Channel (s) Output	Output Rating			Max Power Output (W)	Total Output Power (W)
			Voltage (V _{DC})	Current (A)			
				min	max		
SLD-DIM1B	8 - 30	1	V _{in} - 0.2-0.5V	0.15	5	120	120
SLD-DIM1H	15 - 48	1	V _{in} - 0.2-0.5V	0.15	3	150	150
SLD-DIM1X	8-48	1	V _{in} - 0.2-0.5V	0.15	5	150	150
SLD-DIM2	8 - 48	2	V _{in} - 0.2-0.5V	0.15	5	240	480

* Designed to fit inside an SLD/XLD series type enclosure, eliminating the need for external junction boxes for quick and easy installation.

^ Applicable to SLD-DIM1X

LED Dimming Modules

Dim-to-Warm Constant Voltage LED Dimming Module (0/1-10V or PWM)

- Dim-to-Warm LED dimming with changing in color temperatures from 2000K to 8000K and brightness levels
- Dimming Range: 0-100%
- Up to 97% Efficiency
- High resolution smooth dimming
- UL Listed Appliance Controls
- Up to 5 years warranty



Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
SLD-DimTW	98x44x14.5	-20°C to 60°C
SLD-DimTW-PWM	98x44x14.5	-20°C to 60°C



Model Number	Input Voltage Range (V _{DC})	Channel (s) Output	Output Rating		Max Output Power (All Channels) (W)
			Voltage (V _{DC})	Max. Current (All Channels) (A)	
SLD-DimTW	8-48	1	V _{in} - 0.3V	5	240
SLD-DimTW-PWM	8-48	1	V _{in} - 0.3V	5	240

Suffix: No suffix = 0/1-10V control or PWM = PWM dimmer/signal control

LED Dimming Modules

Tunable White Constant Voltage LED Dimming Module (0/1-10V or PWM)

- Tunable White LED dimming with changing in color temperatures from 2000K to 8000K and brightness levels independently via two control inputs
- Dimming Range: 0-100%
- Up to 97% Efficiency
- High resolution smooth dimming
- UL Listed Appliance Controls
- Up to 5 years warranty



Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
SLD-DimTW2	98x44x14.5	-20°C to 60°C
SLD-DimTW2-PWM	98x44x14.5	-20°C to 60°C



Model Number	Input Voltage Range (V _{DC})	Channel (s) Output	Output Rating		Max Output Power (All Channels) (W)
			Voltage (V _{DC})	Max. Current (All Channels) (A)	
SLD-DimTW2	8-48	2	V _{in} - 0.3V	5	240
SLD-DimTW2-PWM	8-48	2	V _{in} - 0.3V	5	240
SLD-DimTW2-AS	12-24	2	V _{in} - 0.3V	10	200

Suffix: No suffix = 0/1-10V control or PWM = PWM dimmer/signal control
AS: For ASEAN markets

LED Dimming Modules Constant Voltage 240W, Six-in-One LED Dimming Module

- Multi-colored status – LED indicator
- User adjustable linear or logarithmic dimming transfer functions
- Integrated strain relief and terminal cover
- Spring-loaded terminals for easy installation
- Dimming Controls : Switch, 0-10V, 1-10V, VR, DALI, PWM
- Dimming Range: 0-100%
- Wide range DC input : 8-48V
- 97% Efficiency
- Up to 1024 dimming levels give high resolution smooth dimming
- Up to 5 years warranty



Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
XDL-6DV1-48V5A-E	153x23.5x24.5	-20°C to 40°C



Model Number	Input Voltage Range (V _{DC})	Output Rating		Max Output Power (W)
		Voltage (V _{DC})	Max. Current (A)	
XDL-6DV1-48V5A-E	8 - 48	V _{in} - 0.3V	5	240

LED Dimming Modules Constant Voltage LED Dimming Module (PWM)

- Wide range DC input 8V - 48V
- Flicker-free 0-100% Dimming
- High efficiency up to 95%
- Fully isolated plastic housing
- Comply with EN55015 and FCC Part 15 without additional input filter and capacitors
- Suitable for LED lighting and signage applications
- Compact size, high reliability
- Inverted input PWM signal version available
- Up to 5 years warranty



Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
SLD-DIM-PWM	56x37x14.5	-20°C to 60°C



Model Number	Input Voltage Range (V _{DC})	Channel (s) Output	Output Rating		Max Output Power (All Channels) (W)
			Voltage (V _{DC})	Max. Current (All Channels) (A)	
SLD-DIM-PWM-5A	8-48	1	V _{in} - 0.3V	5	240
SLD-DIM-PWM-5A(I)	8-48	1	V _{in} - 0.3V	5	240

LED Dimming Modules Constant Voltage DMX RGBW Dimming Module with RDM Support

- 5 – 24V DC input
- RGBW color control
- 8-bit or 16-bit resolution
- RDM supported
- Spring-loaded terminal for easy installation
- Terminal block connectors or RJ45 connectors versions to choose from for DMX control signal
- With or without input/output isolation versions available
- Dimming curve selection
- Dimming Range: 0-100%
- 97% Efficiency
- UL Listed Appliance Controls
- Up to 5 years warranty



Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
SLD-DIM-DMX4 / SLD-DIM-DMX4I	118x46x18.6	-25°C to 40°C
SLD-DIM-DMX4-RJ45 / SLD-DIM-DMX4I-RJ45	118.5x46x22	-25°C to 40°C



Model Number	Input Voltage Range (V _{DC})	Channel (s) Output	Output Rating		Max Output Power (All Channels) (W)
			Voltage (V _{DC})	Max. Current (All Channels) (A)	
SLD-DIM-DMX4	5-24	4(RGBW)	V _{in} - 0.3V	5	100
SLD-DIM-DMX4I	5-24	4(RGBW)	V _{in} - 0.3V	5	100
SLD-DIM-DMX4-RJ45	5-24	4(RGBW)	V _{in} - 0.3V	5	100
SLD-DIM-DMX4I-RJ45	5-24	4(RGBW)	V _{in} - 0.3V	5	100

x = DMX4 : Terminal block connectors for DMX control signal, without isolation or DMX4I : Terminal block connectors for DMX control signal, with isolation or DMX4-RJ45 : RJ45 connectors for DMX control signal, without isolation or DMX4I-RJ45 : RJ45 connectors for DMX control signal, with isolation

LED Dimming Modules Constant Current DMX RGBW Dimming Module with RDM Support

- 12-48V DC input
- RGBW color control
- RDM Supported
- Spring-loaded terminal for easy installation
- User selectable output current
- Typical 90% Efficiency
- Up to 5 years warranty



Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
GLD-DIM-DMX4I-L / GLD-DIM-DMX4I-H	138.9x51.5x28.6	-20°C to 40°C



Model Number	Input Voltage Range (V _{DC})	Channel (s) Output	Output Rating			Max Output Power (per Channel) (W)	Max Output Power (All Channels) (W)
			Current Selectable Values (A)	Compliance Voltage (V)			
				Voltage (V _{DC})	Max. Current (All Channels) (A)		
GLD-DIM-DMX4I-L	12-48	4 (RGBW)	0.7/0.6/0.5/0.35	(V _{in} - 3V) / 2	V _{in} - 3V	50	200
GLD-DIM-DMX4I-H	12-48	4 (RGBW)	1.4/1.05/0.9/0.7	(V _{in} - 3V) / 2	V _{in} - 3V	50	200

LED Dimming Modules Constant Current Dimming Module Add-on

(0/1-10V/ Switch Dim/ DALI)

- Constant current output for dimming CoBs
- Add-on for CV LED Driver
- Wide range DC input 10-48V
- Dimming range: 0-100%
- User selectable output current
- 0/1-10V, Switch and DALI version available
- Spring-loaded terminal for easy installation to luminaires
- Typical 90% Efficiency
- Up to 5 years warranty



Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
GLD-DIM1	61x40x21	-20°C to 40°C



Model Number	Input Voltage Range (V _{DC})	Channel (s) Output	Output Rating			Max Output Power (W)
			Current Selectable Values (A)		Compliance Voltage (V)	
			min	max		
GLD-DIM1	10-48	1	1.05/0.9/0.7/0.5/0.35	(V _{in} - 3V) / 2	V _{in} - 3V	50.4
GLD-DIM1X-R	10-48	1	1.05/0.9/0.7/0.5/0.35	(V _{in} - 3V) / 2	V _{in} - 3V	50.4
GLD-DIM1X-H	10-48	1	1.05/0.9/0.7/0.5/0.35	(V _{in} - 3V) / 2	V _{in} - 3V	50.4
GLD-DIM1-DALI	10-48	1	1.05/0.9/0.7/0.5/0.35	(V _{in} - 3V) / 2	V _{in} - 3V	50.4

1-CC : 0/1-10V Dimming
 1X-R-CC : Switch dimming for residential
 1X-H-CC : Switch dimming for hotel
 DALI-CC : DALI dimming
 * The voltage difference between V_{out} (or input to LED) and V_{in} must not exceed 12V.

LED Dimming Modules Dim-to-Warm and Tunable White Constant Current LED Dimming Module (0/1-10V)

- Seamless Tunable White dimming via 0-10V controls
- Adjust CCT and Brightness of Luminaire via 2 separate channels
- UL Listed module can be installed anywhere, including within GRE Alpha LED drivers, to eliminate J-boxes, etc.
- Comply with EN55015 and FCC Part 15 without additional input filter or capacitor
- Compact size, high reliability
- UL Listed Appliance Controls
- IP65
- Up to 5 years warranty



Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
GLD-DIMTW-L	98 x 44 x 14.5	-20 to 60
GLD-DIMDW-L	98 x 44 x 14.5	-20 to 60
GLD-DIMTW-H	98 x 44 x 14.5	-20 to 60
GLD-DIMDW-H	98 x 44 x 14.5	-20 to 60



Model Number	Input Voltage Range (V _{DC})	Channel(s) Input	Channel (s) Output	Output Rating			Max Output Power (W)	Total Output Power (W)
				Current Selectable Values (A)		Compliance Voltage (V)		
				min	max			
GLD-DIMTW-L	24-60	2	2	0.7/0.6/0.5/0.35	(V _{in} - 3V) / 2	V _{in} - 3V	40	40
GLD-DIMDW-L	24-60	2	2	0.7/0.6/0.5/0.35	(V _{in} - 3V) / 2	V _{in} - 3V	40	40
GLD-DIMTW-H	24-60	2	2	1.4/1.05/0.9/0.7	(V _{in} - 3V) / 2	V _{in} - 3V	80	80
GLD-DIMDW-H	24-60	2	2	1.4/1.05/0.9/0.7	(V _{in} - 3V) / 2	V _{in} - 3V	80	80

LED Dimming Modules DALI Dimming Modules for MR16 LED

- Designed for Philips Master LED MR16 ExpertColor or Soraa MR16-GU6.3 series
- DALI Control Input
- Dimming Range: 0-100%
- Up to 97% Efficiency
- Integrated strain relief and terminal cover
- Spring-loaded terminals for easy installation
- UL Listed Appliance Controls
- Up to 5 years warranty



Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
SLD-DIM-DALI	60x40x21	-20°C to 50°C



Model Number	Input Voltage Range (V _{DC})	Channel (s) Output	Output Rating		Max Output Power (W)
			Voltage (V _{DC})	Max. Current (A)	
SLD-DIM-DALI-PH	12	1	12	5	60
SLD-DIM-DALI-SR	12	1	12	5	60

PH: Designed for Philips Master LED MR16 ExpertColor Series or SR: Designed for Soraa MR16-GU5.3 Series

LED Dimming Modules DALI Dimmable Constant Voltage Dimming Module

- Wide range DC input
- DALI Control Input
- Class 1, Class 2, FCC Class B, SELV
- Integrated strain relief and terminal cover
- Spring-loaded terminals for easy installation
- 256 Dimming levels
- Wide range DC input : 8-48V
- Dimming Range: 0-100%
- 97% Efficiency
- UL Listed Appliance Controls
- Up to 5 years warranty



Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
SLD-DIM-DALI	60x40x21	-20°C to 50°C



Model Number	Input Voltage (V _{DC})	Channel(s) Output	Output Rating		Max Power Output (W)
			Voltage (V _{DC})	Max. Current (A)	
SLD-DIM-DALI	8 - 48	1	V _{in} - 0.3V	5	240
SLD-DIM-DALI-B	8-48	1	V _{in} - 0.3V	5	240

LED Dimming Modules Constant Voltage Momentary Switch LED Dimming Module

- PWM Dimming with no shift in LED color temperature
- Works with any momentary switch/dry contact closure
- Memory to restore brightness to preset levels
- Two dimming program options
- Up to 1024 dimming levels provides smooth dimming linearity
- Dimming Range: 0-100%
- 97% Efficiency
- IP 65
- UL Listed Appliance Controls
- FCC Title 47 CFR 15 Class B Compliant without additional input filters and capacitors
- Up to 5 years warranty



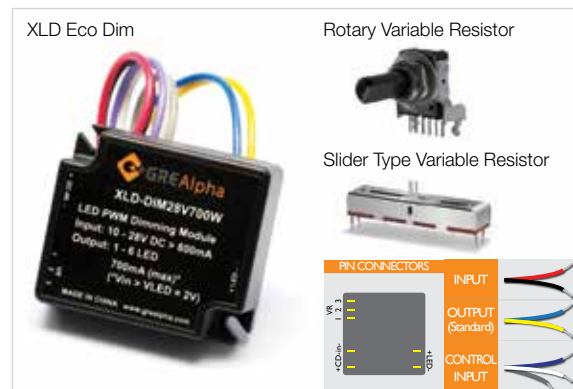
Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
XS-DIM	56x37x14.5	-20°C to 60°C



Model Number		Input Voltage Range (V _{DC})	Output Rating		Max Power Output (W)
For Residential	For Hotel		Voltage (V _{DC})	Max. Current (A)	
XS-Dim1B-R	XS-Dim1B-H	8-30	V _{in} -0.2-0.5V	5	120
XS-Dim1H-R	XS-Dim1H-H	15-48	V _{in} -0.2-0.5V	3	150

LED Dimming Modules XLD Eco-Dim DC-DC Dimmable LED Module

- Suitable for consumer grade LED applications
- Easy system integration
- Wide Range DC input
- Dimming Range: 0-100%
- PWM dimming with no shift in LED color temperature
- Wire and Pin I/O options available
- 95% Efficiency
- IP 65
- FCC Title 47 CFR 15 Class B Compliant without additional input filters and capacitors
- Dimming via VR control. Sliding and Rotary dimming options available.
- Up to 5 years warranty



Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
XLD-DIM	38x33x11	-20°C to 60°C



Model Number	Input Voltage Range (V _{DC})	CC Output			Max Power Output (W)
		Current (A)	Compliance Voltage @ 28V _{in} (V _{DC})		
			min	max	
XLD-DIM-28V350- □	10-28	0.35	2.5	26	9
XLD-DIM-28V700- □	10-28	0.7	2.5	26	18
XLD-DIM-28V800- □	10-28	0.8	2.5	26	21
XLD-DIM-28V1000- □	10-28	1	2.5	26	26

□ = P: Pin Version or W: Wire Version

Accessories Casambi Ready AC Relay

- Free Casambi App on Android and iOS
- Official Casambi Ecosystem Partner works with Casambi Ecosystem products
- Casambi App to control the ON/OFF of appliances
- Easily integrate Casambi BLE to any installation
- Compact size, high reliability
- Up to 5 years warranty



Model	Dimension (LxWxH, mm)	Operating Temperature (full load)
REL-AC-CB	70 x 37 x 25	-20°C to 50°C



Model Number	Input Voltage Range (V _{DC})	Channel(s) Input	Channel (s) Output	Output Rating	
				Contact Point	Type
REL-AC-CB	85-265	1	1	Max. DC 30V/5A; AC250VAC/5A	Normal Open

Distributor



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