



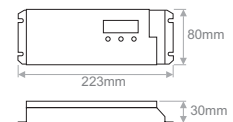
4 channels DIMMABLE DMX or DALI or 1/10V or Switch LED DRIVER CONSTANT VOLTAGE

- DALI & DMX compatible.
- Stand alone operation.
- Constant Voltage driver.
- 4 programmable outputs.
- Selectable outputs 12V or 24V.
- Smooth dimming control.

Code*	Description	Supply Voltage	Outputs	Output Voltage	Power Consumption at full load	Control Input
DEM.177 /CA	Constant Voltage driver with 4 outputs	120-277VAC 50-60Hz	4 Outputs selectable 12V or 24VDC PWM	12V per output 25W each or 24V per output 25W each	115W at 230VAC / 50Hz	DMX / RDM or DALI or 1/10V or Switch or Stand alone operation

*CA= Common Anode

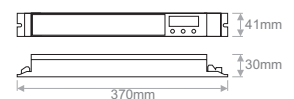
DEM.177



Code	Description	Supply Voltage	Outputs	Output Voltage	Power Consumption at full load	Control Input
DEM.168 /CA	Constant Voltage driver with 4 outputs	120-277VAC 50-60Hz	4 Outputs selectable 12V or 24VDC PWM	12V per output 25W each or 24V per output 25W each	115W at 230VAC / 50Hz	DMX / RDM or DALI or 1/10V or Switch or Stand alone operation

*CA= Common Anode

DEM.168





3 channels DMX-DIMMABLE CONSTANT VOLTAGE CONVERTERS



- Designed and manufactured by ELECTRON SA.
- Lighting solution that creates the result you need.
- For impressive lighting creations.
- Absolute control of the brightness level.
- DMX IN - OUT
- Absolute control through DMX-512.

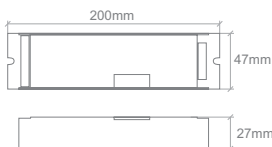
New technical features

- Stand alone mode with one of the four preset programs that are available, with selection of fade, rate and dimmer of the output intensity. All functions are selected from the DIP SWITCHES.
- Or selection of a stable colour from the palette of 64 colours, also from the DIP SWITCHES.

Code	Description	Supply Voltage	Output Voltage	Channel Power	Channel Power/ Total Power	Power Consumption at full load
DEM.011/ CC*	DMX LED CONTROLLER WITH 3 (RGB) OUTPUTS 0....24VDC	24VDC	3x 0....24VDC	48W	144W	147W
DEM.016/ CA*	DMX LED CONTROLLER WITH 3 (RGB) OUTPUTS 0....24VDC	24VDC	3x 0....24VDC	48W	144W	147W
DEM.010/ CC*	DMX LED CONTROLLER WITH 3 (RGB) OUTPUTS 0....12VDC	12VDC	3x 0....12VDC	24W	72W	75W
DEM.020/ CA*	DMX LED CONTROLLER WITH 3 (RGB) OUTPUTS 0....12VDC	12VDC	3x 0....12VDC	24W	72W	75W
DEM.009/ CC*	DMX LED CONTROLLER WITH 3 (RGB) OUTPUTS 0....5VDC	5VDC	3x 0....5VDC	10W	30W	32W
DEM.021/ CA*	DMX LED CONTROLLER WITH 3 (RGB) OUTPUTS 0....5VDC	5VDC	3x 0....5VDC	10W	30W	32W

*Note: CC=Common Cathode
CA=Common Anode

All Power Supplies are available in CC and CA upon request



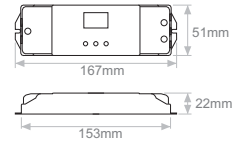


■ RGBW LED controllers

4 channels RGBW DMX CONTROLLER CONSTANT VOLTAGE

Code*	Description	Supply Voltage	Output Voltage	Nr. of Channels	Output Channel Power	Total Power	Control
DEM.166 /CA	DMX LED Constant Voltage Controller with 4 outputs (RGBW) 0...12V or 0...24V	12-24VDC	Depending on the supply voltage 0...12V or 0...24V	4	4ch x 60W (12V) or 4ch x 120W (24V)	240W (12V) 480W (24V)	DMX 512

*Note: CA=Common Anode

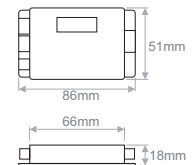


■ Dimmable constant voltage LED drivers / controllers

3 channels RGB DIMMABLE DMX CONTROLLER CONSTANT VOLTAGE

Code*	Description	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power	Total Power	Control	Stand Alone
DEM.178 /CA	DMX LED CONTROLLER with 3 OUTPUTS 0...12V or 0...24V	12VDC or 24VDC	Depending on the supply voltage 0...12V or 0...24V	3	36W (12V) or 72W (24V)	100W at 12V or 210W at 24V	DMX	YES

*CA = Common Anode



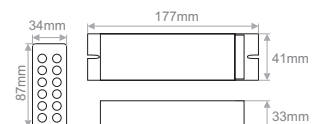
■ Dimmable constant voltage LED drivers / controllers

3 channels RGB DIMMABLE DMX CONTROLLER WITH IR REMOTE CONTROL CONSTANT VOLTAGE

Code*	Description	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power	Total Power	Control	Stand Alone
DEM.120 /CA* DEM.121 /CC*	DMX LED CONTROLLER WITH 3(RGB) OUTPUTS 0...12V or 0...24V	12-24VDC	Depending on the supply voltage 0...12V or 0...24V	3	26W(12V) or 50W(24V)	80W(12V) or 150W(24V)	DMX or IR Remote Control	4 built in programs with speed control and a palette of 7 dimmable colours. All functions are controlled by the IR Remote Control



*Note: CC=Common Cathode
CA=Common Anode
All Power Supplies are available in CC and CA upon request





3 channels RGB DIMMABLE CONTROLLER WITH RF REMOTE CONTROL CONSTANT VOLTAGE

- Dimmable constant voltage LED drivers / controllers.
- Selectable RF frequency.



Code*	Description	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power	Total Power	Control	Stand Alone
DEM.112 /CA DEM.113 /CC	RGB STAND ALONE LED CONTROLLER	12-24VDC	Depending on the supply voltage 0...1.2V or 0...24V	3	50W(12V) or 100W(24V)	150W(12V) or 300W(24V)	With built in buttons or RF Remote Control	4 built in programs with speed control, dimmer and pause. All functions are controlled by the built in buttons or the RF Remote Control



*Note: CC=Common Cathode
CA=Common Anode
All Power Supplies are available in CC and CA upon request

- Dimmable constant voltage LED drivers / controllers.
- Selectable RF frequency.



Code*	Description	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power	Total Power	Control	Stand Alone
DEM.122 /CA DEM.123 /CC	RGB STAND ALONE LED CONTROLLER	12-24VDC	Depending on the supply voltage 0...1.2V or 0...24V	3	26W(12V) or 50W(24V)	80W(12V) or 150W(24V)	With built in buttons or RF Remote Control	4 built in programs with speed control, dimmer and pause. All functions are controlled by the built in buttons or the RF Remote Control

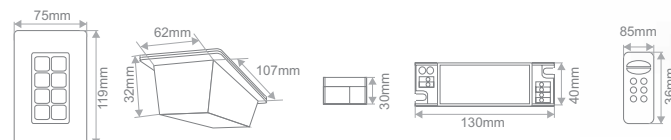


*Note: CC=Common Cathode
CA=Common Anode
All Power Supplies are available in CC and CA upon request

- RGB Stand Alone LED Controller

Code*	Supply Voltage	Output Voltage	Nr. of Channels	Output Power	Total Power
DEM.155 /CC	5VDC	0...5V	3	12W	36W

*Note: CC=Common Cathode





6 zones

RGB / RGBW
CONTROL WITH RF
REMOTE CONTROL
CONSTANT VOLTAGE

- 6 programmable memories (chasers or static colours) per zone.
- Manual setup between RGB or RGBW mode.
- 10 built in colour changing modes with speed adjustable option.
- Master/Slave mode optionally selectable.

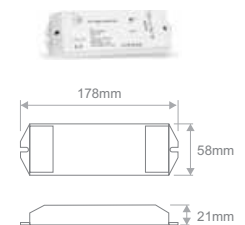
RF 6 ZONE TRANSMITTER

Code	Battery Type	Zone Management	Operation Frequency
DEM.170	AAA 1.5V (3pieces)	1-6 zones	434MHz / 868MHz



RF RECEIVER

Code*	Description	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power
DEM.171 /CA	RGB / RGBW, 1 zone, 2 outputs	12-24VDC	Depending on the supply voltage 0...12V 0...24V	1 zone, 3x5A RGB or 4x5A RGBW	3x60W / 12VDC - RGB Total 180W/12VDC 4x60W / 12VDC - RGBW Total 240W-12VDC 3x120W / 24VDC - RGB Total 360W-24VDC 4x120W / 24VDC - RGBW Total 480W-24VDC



*Note: CA=Common Anode



1 channel DIMMABLE CONSTANT VOLTAGE LED DRIVING CONVERTERS

2.040 STEPS

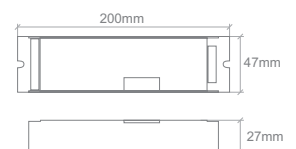
- Designed and manufactured by ELECTRON SA
- Lighting solution that creates the result you need
- Absolute control of brightness level
- Absolute control through DMX-512 and 0-10V or 1-10V or any single push button or double push button (Up/Down).

ONE CHANNEL DIMMABLE LED DRIVERS - DRIVING CONVERTERS, CONTROL BY DMX, 0/10V or 1/10V or PUSH BUTTONS

Code	Supply Voltage	Output Voltage PWM	Output Current	Output Power	Power Consumption	Control Input	Dimming Pole (DP)
DEM.026 (DP+*)	5VDC	0...5VDC	9A	45W	47W	DMX512, 0-10V or 1-10V or by push-button(s)	DEM.026 and DEM.028 = DP+ DEM.027 and DEM.029 = DP-
DEM.027 (DP-**)	12VDC	0...12VDC	9A	108W	110W		
	24VDC	0...24VDC	9A	216W	218W		
DEM.028 (DP+*)	5VDC	0...5VDC	15A	75W	78W	DMX512, 0-10V or 1-10V or by push-button(s)	DEM.026 and DEM.028 = DP+ DEM.027 and DEM.029 = DP-
DEM.029 (DP-**) (DP+*)	12VDC	0...12VDC	15A	180W	183W		
	24VDC	0...24VDC	15A	360W	363W		

*DP+ =Dimming pole + Suitable for driving Common Cathode RGB or RGBW or RGBA LED fixtures by connecting 3 or 4 boosters

**DP- =Dimming pole - Suitable for driving Common Anode RGB or RGBW or RGBA LED fixtures by connecting 3 or 4 boosters

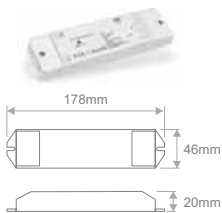




5 zones MONOCHROMATIC CONTROL WITH RF REMOTE CONTROL CONSTANT VOLTAGE



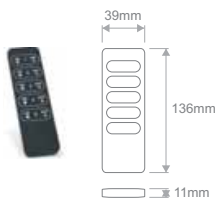
- Individual control of up to 5 different zones.
- Standard push button can be connected to each zone independently.
- User friendly and easy setup.
- Control range ≤ 20 m.



RF RECEIVER

Code*	Description	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power	Control
DEM.174 /CA	Monochromatic, 1 zone, 4 outputs LED controller		Depending on the supply voltage 0...12V 0...24V	1 zone, 4x5 Amps	4x60W / 12V Total 240W/12V 4x120W / 24V Total 480W-24V	RF wireless control through DEM.172 and single push button

*Note: CA=Common Anode

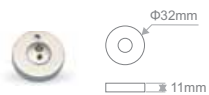


RF 5 ZONE TRANSMITTER

Code	Battery Type	Zone Management	Operation Frequency
DEM.172	CR2025 3V	1-5 zones	434MHz / 868MHz

RF TRANSMITTER

Suitable to control DEM.174

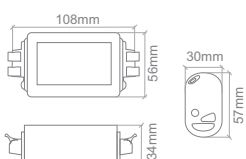


Code	Battery Type	Operation Frequency
DEM.175	CR2025 3V	434MHz / 868MHz

1 channel WITH RF REMOTE CONTROL CONSTANT VOLTAGE



- Dimmable constant voltage LED drivers / controllers



Code	Supply Voltage	Output Voltage	Output Power (one channel)	Dimming Control
DEM.106	12VDC	0...12V 0...24V	60W 120W	with RF Remote Control Selectable RF frequency
DEM.108	5VDC	0...5V	25W	with RF Remote Control Selectable RF frequency