



DMX MODULE SPECS

INPUT

Voltage Range	12 - 28 VDC
AC Current	4A @ 24V, 6A @ 12V

OUTPUT

Max Power	100 Watts
Max Current	RGBA/W: 1A per output RGB: 1.3A per output (3 outputs used) VW: 2A per output (2 outputs used) Single Color: 4A (1 output used)

CONTROL

Dimming Performance	Dims to 0.1% on most DMX systems
Control Channels	4
Dimming Protocol	USITT DMX512A/RDM

OTHER

Length (L)	6.02 in
Width (W)	1.97 in
Height (H)	0.91 in
Working Temp. Range	-20 to 50°C
Warranty	5 years

ACCESSORIES

DMX Controller	CTRLDMX.4CH.3S.W
Controller Power Supply	LV10-24N-120-A

WIRE SPECS

Input	Terminal Blocks (16-20 AWG)
Output	Terminal Blocks (16-20 AWG)

ELECTRONIC DRIVER SPECS

INPUT

Voltage Range	120-277 VAC
Frequency Range	50/60Hz
Power Factor	>0.9 at full load, 120V through 277V
Efficiency	86%
AC Current	.94A @120V and 0.41A at 277V

OUTPUT

Max Power	96 Watts
Max Current	0 - 4A
Max Voltage	24V

OTHER

Length (L)	11.46" (291.08mm)
Width (W)	3.00" (76.20mm)
Height (H)	1.30" (33.02mm)
Weight (W)	2.86 lbs
Working Temp. Range	-30 to 60°C
Warranty	5 years

WIRE SPECS

Input	12", UL 1316 #18AWG (White, Black, Green)
Output	12", UL 1316/1430 #18AWG (Red and Blue)

PART NUMBER BUILDER

SERIES GG100	+	OUTPUT VOLTAGE 24 = 24VDC	+	INPUT VOLTAGE UNV = 120-277VAC	+	CONTROL <ul style="list-style-type: none"> • DMX = Driver with DMX module • DMXCT = Driver with DMX module+ DMX Wall Mounted Controller • DMXCTD = Driver with DMX module + Wall Mounted Controller + Power Supply
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ACCESSORIES - WALL MOUNTED DMX CONTROLLER (CTRLDMX.4CH.3S.W)



The **CTRLDMX.4CH.3S.W** is a single zone DMX controller with three scene memory and an RGB/RGBW color picker for use with color changing FLEXDC products.

ELECTRICAL

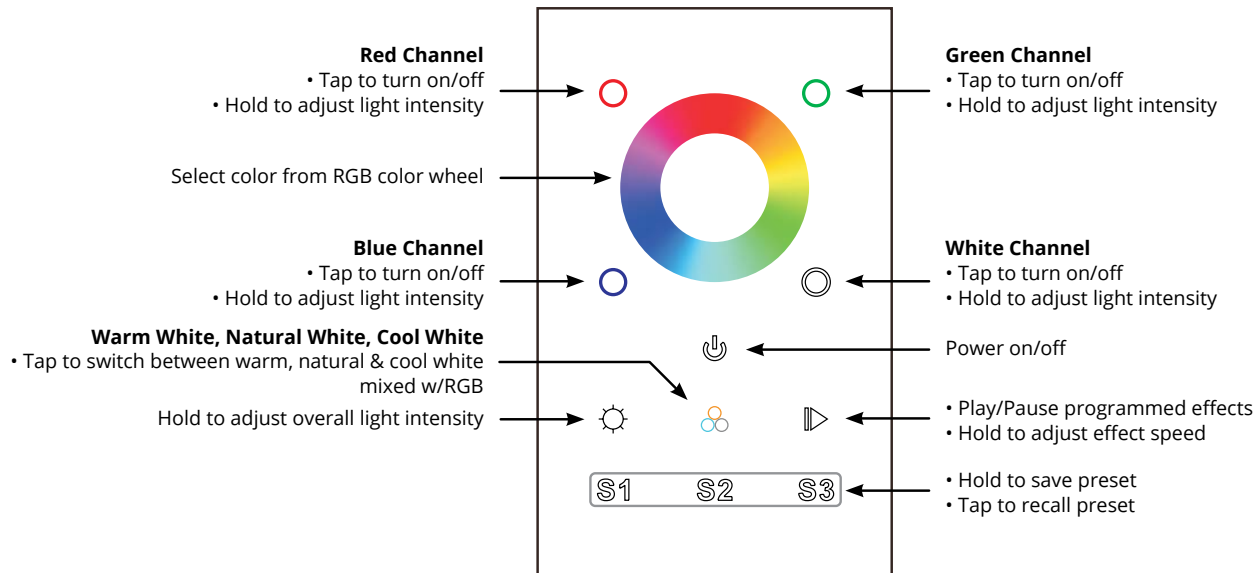
Input Voltage	12 - 24 VDC
Current	0.2A Max
Power Consumption	4.8 Watts
Control Output	4 Channels of DMX 512

DIMENSIONS

Length (L)	4.72" (119.89mm)
Width (W)	2.95" (74.93mm)
Height (H)	1.15" (29.21mm)

OTHER

- Fits in standard US switch box
- Smooth glass face plate
- Single zone of control
- 4 channels (preset for use with RGB & RGBW)
- 3 scene memory
- Built in color fade programs with speed control
- 3 year warranty



NOTES:

- Set eldoLED DMX Module mode of operation to DMX.
- Set LED Group to RGBW
- Refer to page 2 of [eldoLED DMX Module Quick Start Guide](#)

ACCESSORIES - DMX CONTROLLER POWER SUPPLY (LV10-24N-120-A)



- Driver Type: CV (Constant Voltage)
- Number of Outputs: 1
- Dry and Damp Location
- Output Power: 10W
- Input Voltage Range: 120VAC
- Operating Temperature: -40°C to +90°C
- UL 8750 recognized

INPUT

Voltage Range	120VAC
Frequency Range	60Hz
Power Factor	>0.5
Efficiency	80%
AC Current	0.22A

OUTPUT

Max Power	10 Watts
Max Current	0.42
Max Voltage	24V

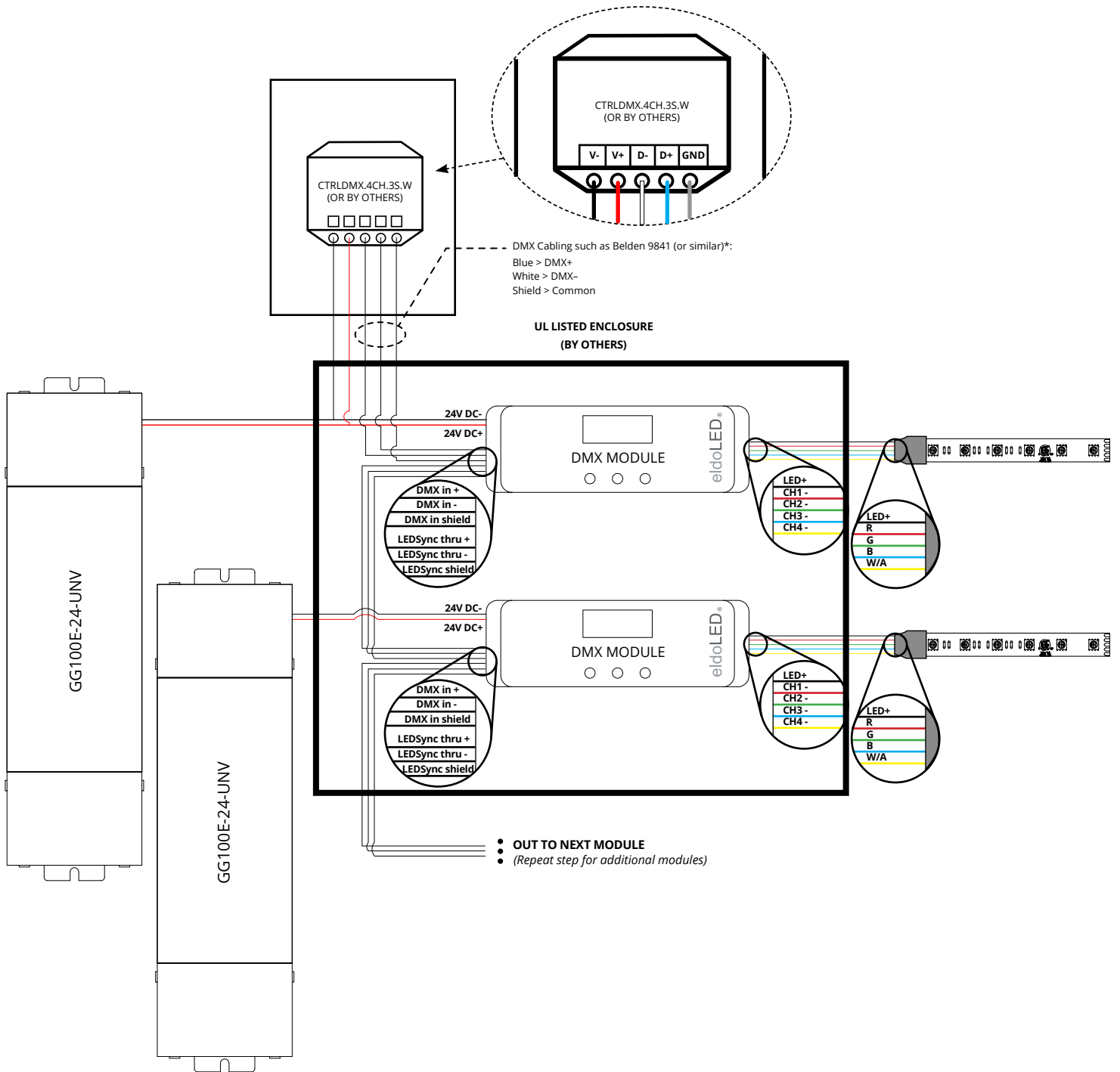
OTHER

Length (L)	2.70" (68.58mm)
Width (W)	1.30" (33.02mm)
Height (H)	0.80" (20.32mm)
Mounting (M)	2.86 lbs
Working Temp. Range	-40 to +90°C
Warranty	5 years

WIRE SPECS

Input	6", #18AWg (White, Black)
Output	6", #22AWG (Red and Blue)

WIRING DIAGRAMS - IN-LINE POWER SUPPLY

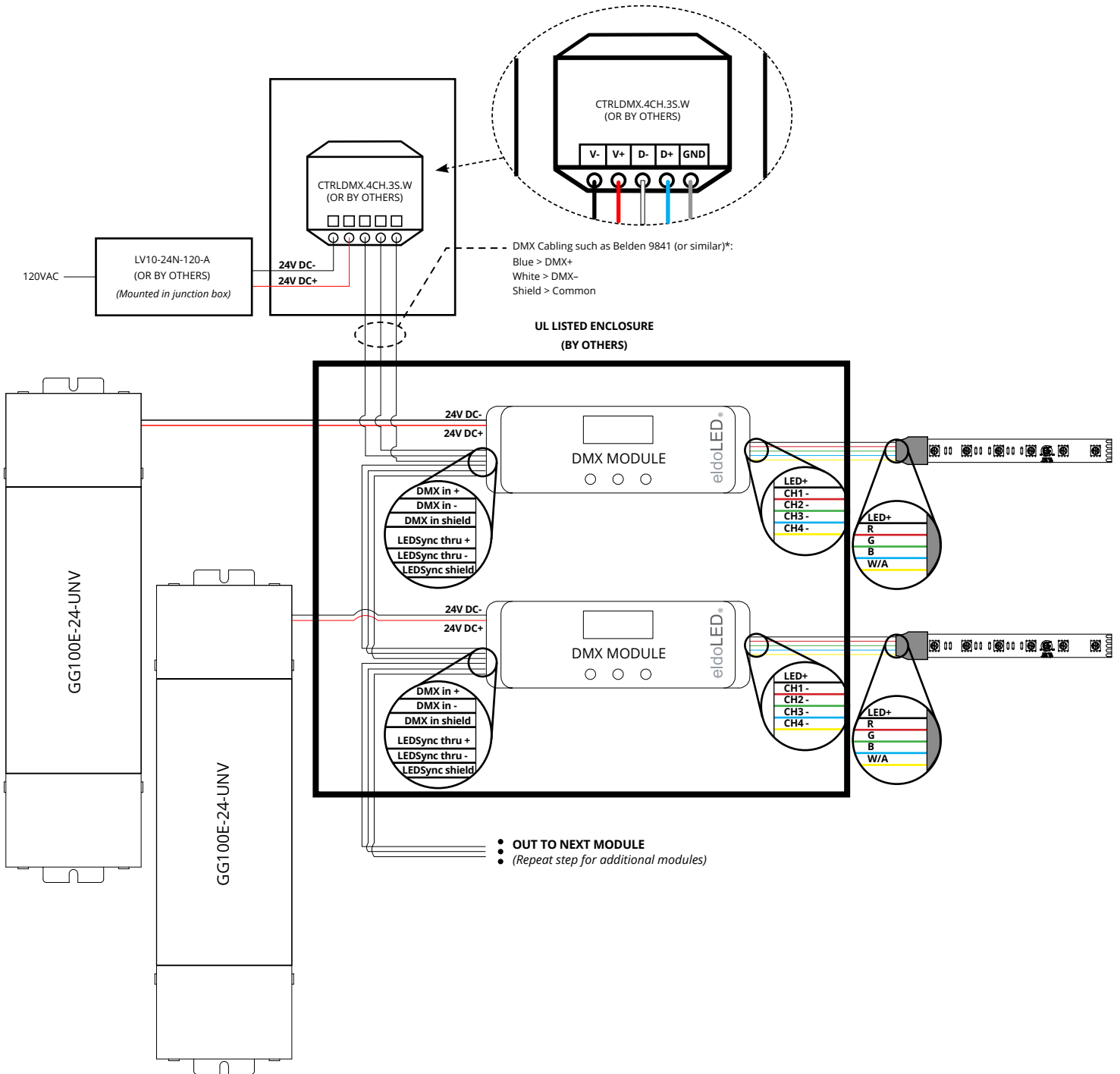


ALL DMX CABLING SHALL CONFORM TO ANSI E1.27-2-2009 (R2014), RECOMMENDED PRACTICE FOR PERMANENTLY INSTALLED CONTROL CABLES FOR USE WITH ANSI E1.11 (DMX512-A) AND USITT DMX512/1990 PRODUCTS.

THE MAXIMUM TOTAL LENGTH OF A DAISY-CHAIN DMX CONTROL RUN IS 300 METERS (1,000 FEET) USING THE LOWEST GRADE CABLING CONFORMING TO ANSI E1.27-2-2009 (R2014). IMPROVED WIRE GAUGE AND SHIELDING CAN EXTEND THIS LIMITATION. SOME ADDITIONAL DEVICES SUCH AS REPEATERS OR SPLITTERS MAY ALSO EXTEND THIS LIMITATION. CONSULT MANUFACTURER TO VALIDATE ANY LIMITATION EXTENSIONS.

EVERY DMX CONTROL RUN MUST BE TERMINATED AFTER THE LAST DMX CONTROL MODULE IN A DAISY-CHAIN SEQUENCE WITH A DMX TERMINATOR.

WIRING DIAGRAMS - EXTERNAL POWER SUPPLY



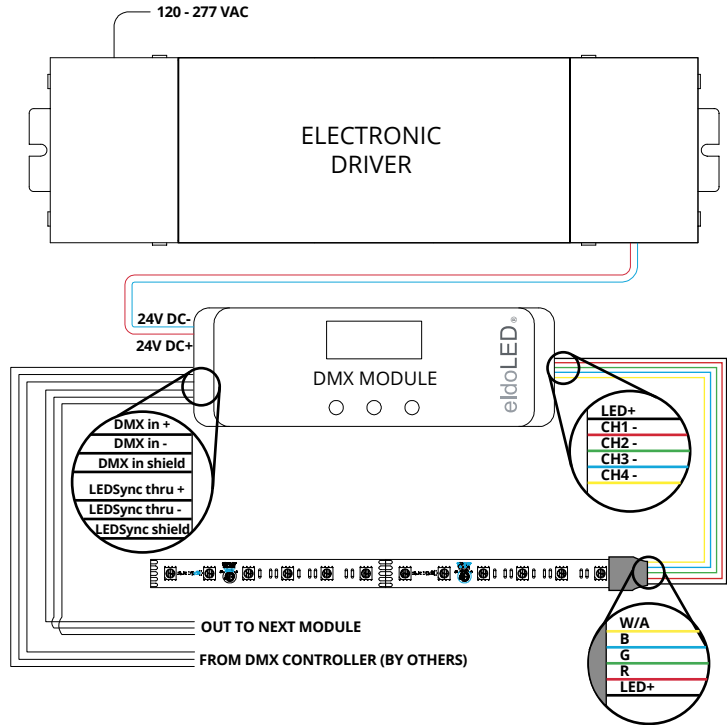
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WIRING DIAGRAMS

WIRING DIAGRAMS - RGBA/W Diagram



ELECTRONIC DRIVER W/DMX MODULE

PART	DESCRIPTION
GG100E-24-UNV-DMX	96W 120-277VAC ELECTRONIC DRIVER WITH eldoLED DMX DIMMING MODULE

DIMENSIONS

96W	H 3.00"; W 11.46"; D 1.30"
DMX MODULE	H 1.97"; W 6.02"; D 0.91"

*Must be installed in UL box (by others)

DIMMING PERFORMANCE

ELECTRONIC DRIVER - DMX MODULE Dims to 0.1% on most DMX systems

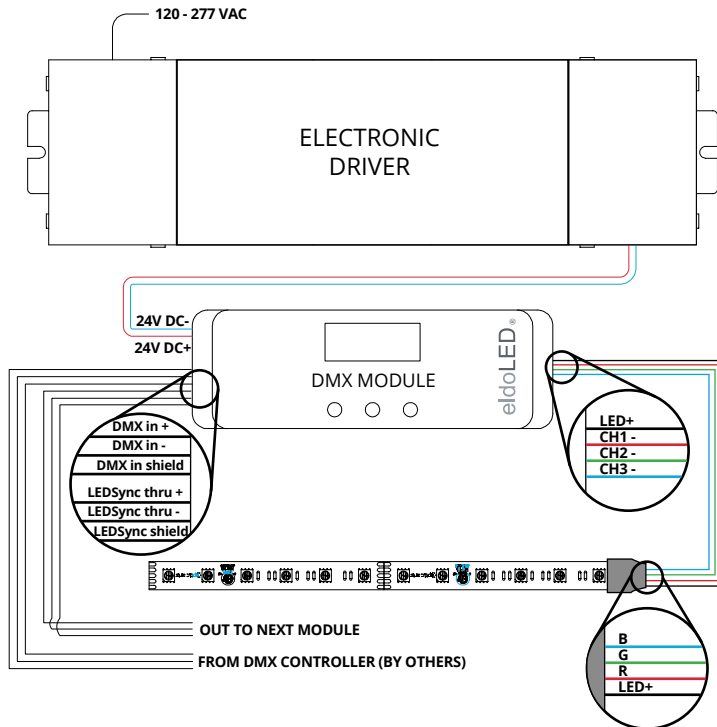
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WIRING DIAGRAMS

WIRING DIAGRAMS - RGB Diagram



ELECTRONIC DRIVER W/DMX MODULE

PART	DESCRIPTION
GG100E-24-UNV-DMX	96W 120-277VAC ELECTRONIC DRIVER WITH eldoLED DMX DIMMING MODULE

DIMENSIONS

96W	H 3.00"; W 11.46"; D 1.30"
DMX MODULE	H 1.97"; W 6.02"; D 0.91"

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DIMMING PERFORMANCE

ELECTRONIC DRIVER - DMX MODULE	Dims to 0.1% on most DMX systems
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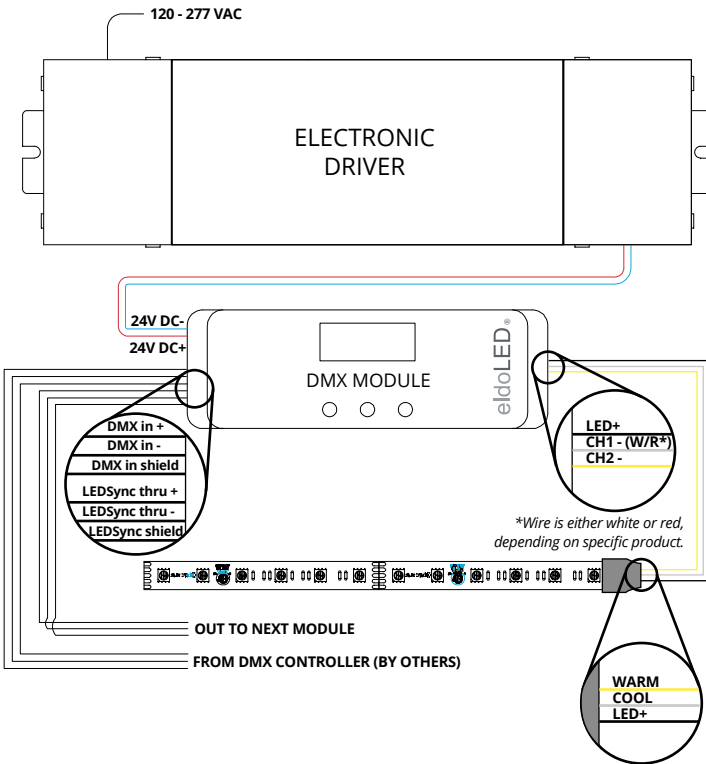
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WIRING DIAGRAMS

WIRING DIAGRAMS - Variable White Diagram



ELECTRONIC DRIVER W/DMX MODULE

PART	DESCRIPTION
GG100E-24-UNV-DMX	96W 120-277VAC ELECTRONIC DRIVER WITH eldoLED DMX DIMMING MODULE

DIMENSIONS

96W	H 3.00"; W 11.46"; D 1.30"
DMX MODULE	H 1.97"; W 6.02"; D 0.91"

*Must be installed in UL box (by others)

DIMMING PERFORMANCE

ELECTRONIC DRIVER - DMX MODULE Dims to 0.1% on most DMX systems

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