



Tunable white DMX wall-mount controller is a fully touch sensitive controller designed in accordance with standard protocol DMX512. Offers fast and accurate color temperature adjustment and brightness dimming of natural white, warm white and cold white. Designed with a touch color wheel, the DMX512 controller can adjust color temperature and brightness for all white LEDs smoothly and accurately. The DMX controller can control 1 zone with endless decoders.

**Operating voltage**  
12 - 24V DC

**Features**

- 1 zone
- 6 color scenes
- DMX Control
- Touch Sensitive Glass Surface
- Dimming and Speed Control
- Memory Function
- Easily Fits Standard US Switch Boxes

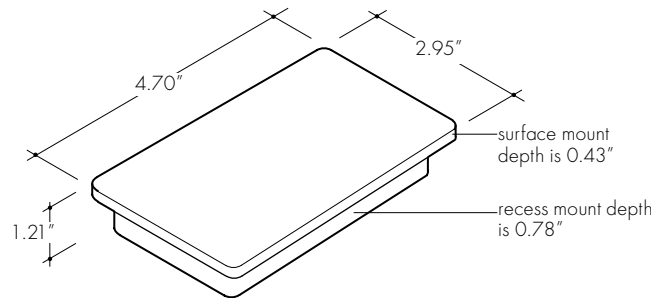
**Color parameters**

- Brightness
- Saturation
- Primary colors
- Fading
- Color changing speed

*Interference may be caused if other devices are operating in close range of 869.5Mhz frequency.*

**Ordering Code**

MODEL
<b>TW-DMX</b>
TW-DMX - DMX controller



**DMX decoder**

DMX signal to RGBW decoder (required to operate DMX controller)



Translates controller DMX512 programs for RGB and white LED strips.

Unique DMX address for the decoder can be set easily and displayed by the numeric display on the case. Changing and resetting the DMX address requires manual input.

Use power repeater to expand output.

**Operating voltage**  
12-36 VDC

**Power capacity**  
up to 96W at 24V

**Operating temperature range**  
from -4 °F to +122 °F in case

**ORDERING CODE**

Model
<b>DDMX-RGBW</b>
DDMX-RGBW - DMX decoder

## Power supply

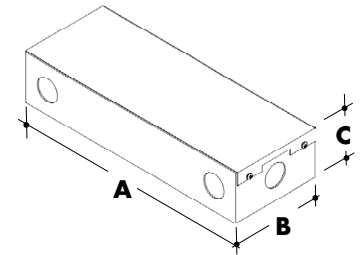
See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view luminii website for list of compatible dimmers.

### Non-Dimming:

MODEL	POWER	OUTPUT	DIMMING	LOCATION
<b>PSV</b>	<b>40</b>	<b>24V</b>	<b>U2ND</b>	<b>D</b>
PSV - PSV Series	40 - 40 W 60 - 60 W 96 - 96 W	24 - 24 VDC	U2ND - Non Dimming	D - Dry Location IP65 - Wet Location

- Requires a controller & a decoder to work properly

MODELS	PSV Dry	PSV Wet
<b>A Length</b>	9.2"	9.5"
<b>B Width</b>	3.4"	4.12"
<b>C Depth</b>	1.9"	2.3"

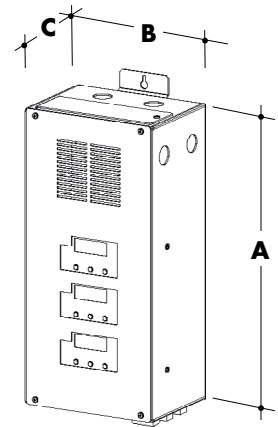


### DMX:

MODEL	POWER	OUTPUT
<b>PSDMX</b>	<b>96</b>	<b>24</b>
PSDMX - DMX Power Supply	96 - 96 WATT 3X96 - 3 X 96 WATT	24 - 24 VDC

- Features eldoLED's LINEARdrive configurable dimmable drivers

MODELS	96 W	3 x 96 W
<b>A Length</b>	14.40"	15.75"
<b>B Width</b>	5.20"	6.60"
<b>C Depth</b>	2.60"	4.80"



## System Diagram

All parts sold separately  
All DMX products to be installed per DMX512 Standard

### wiring w/ decoder

