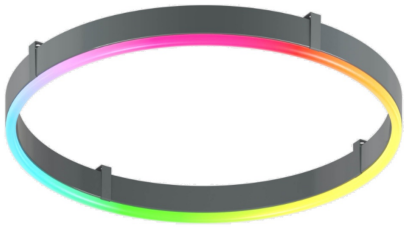

luminii Plexineon Fixture Catenary Mount Dynamic Color Instruction Manual

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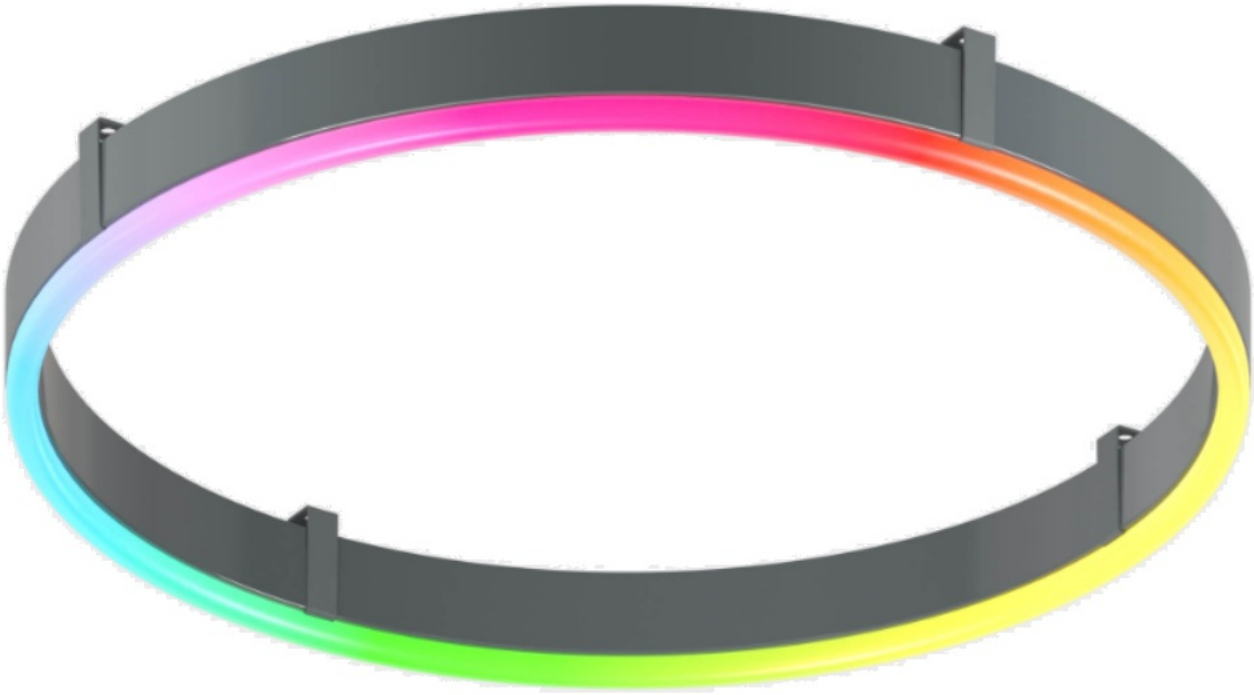
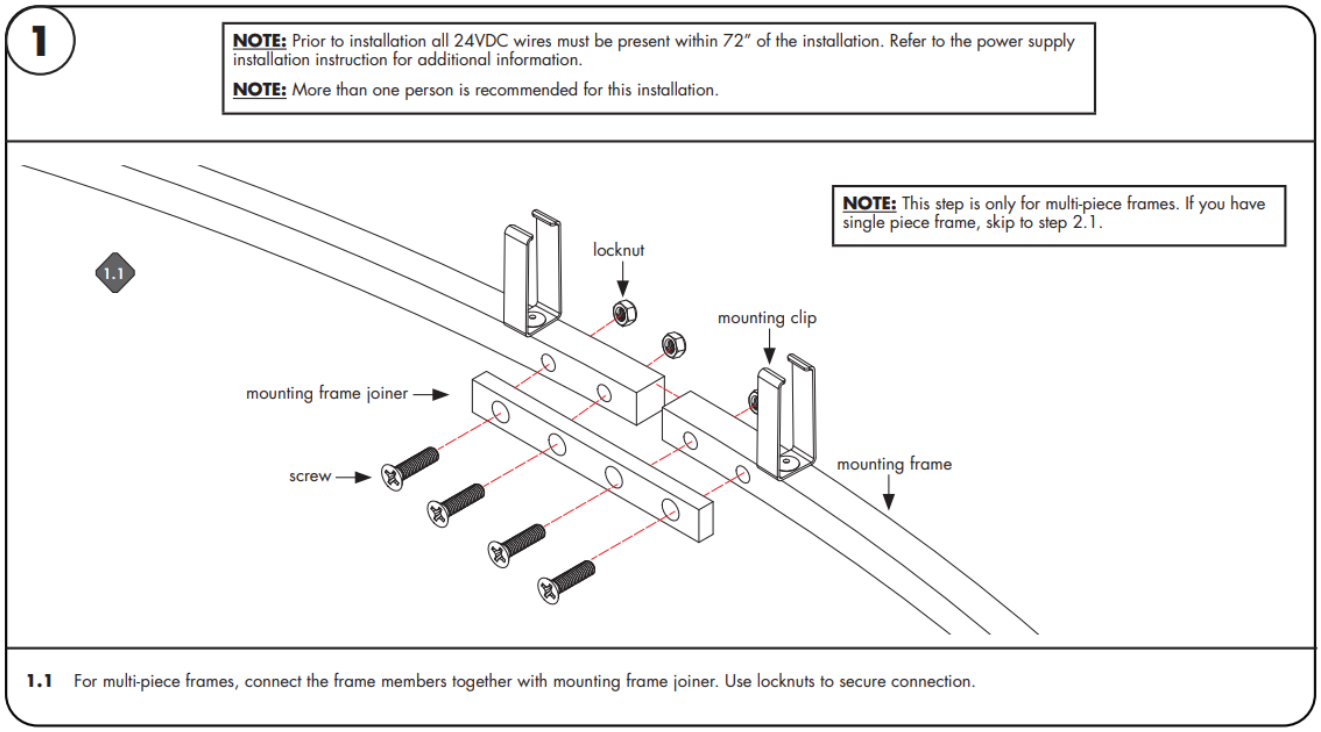


Contents

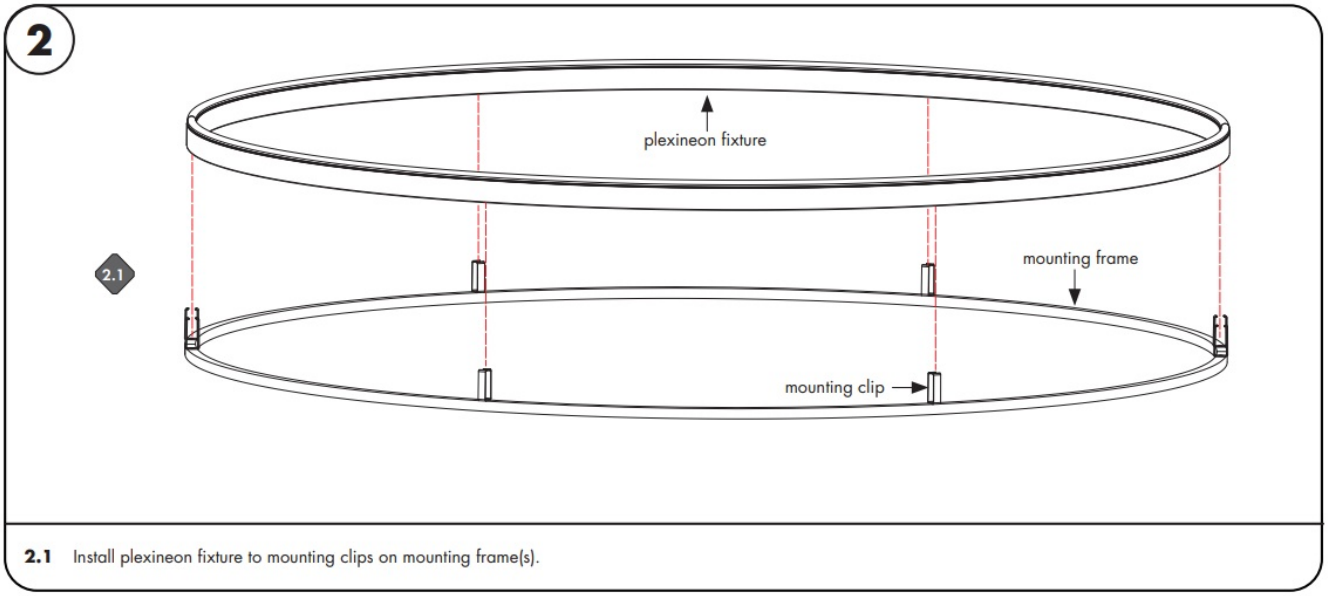
Installation Instructions

Please read all instructions prior to installation and keep for future reference!

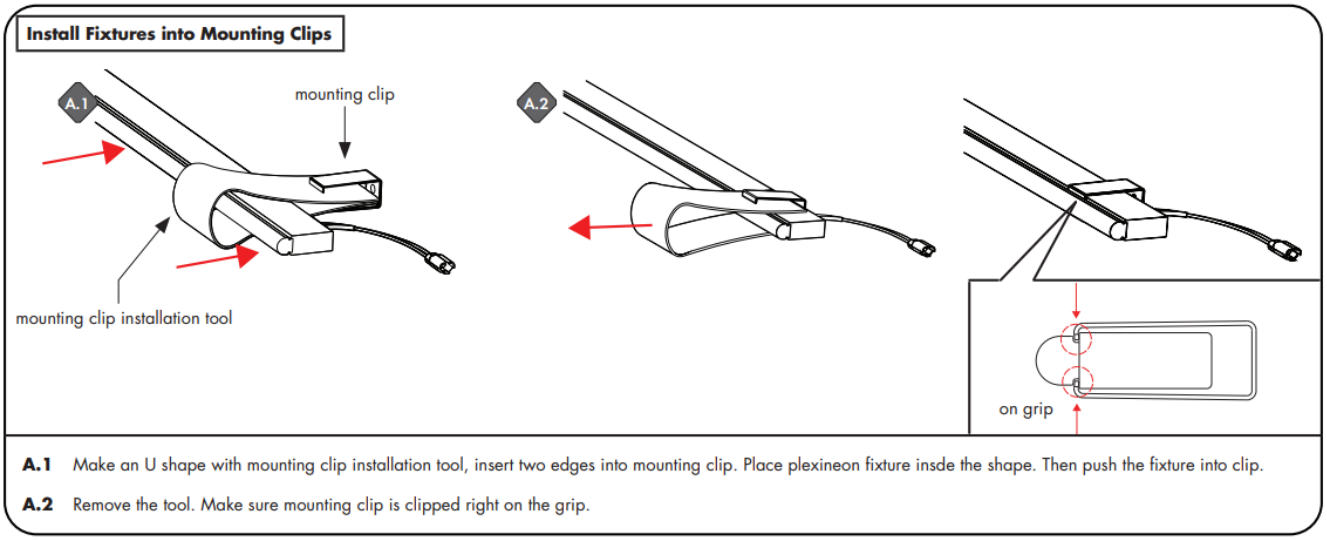
1. **PRODUCT TO BE INSTALLED BY A QUALIFIED ELECTRICIAN.**



2. **USE ONLY WITH CLASS 2 POWER UNIT**



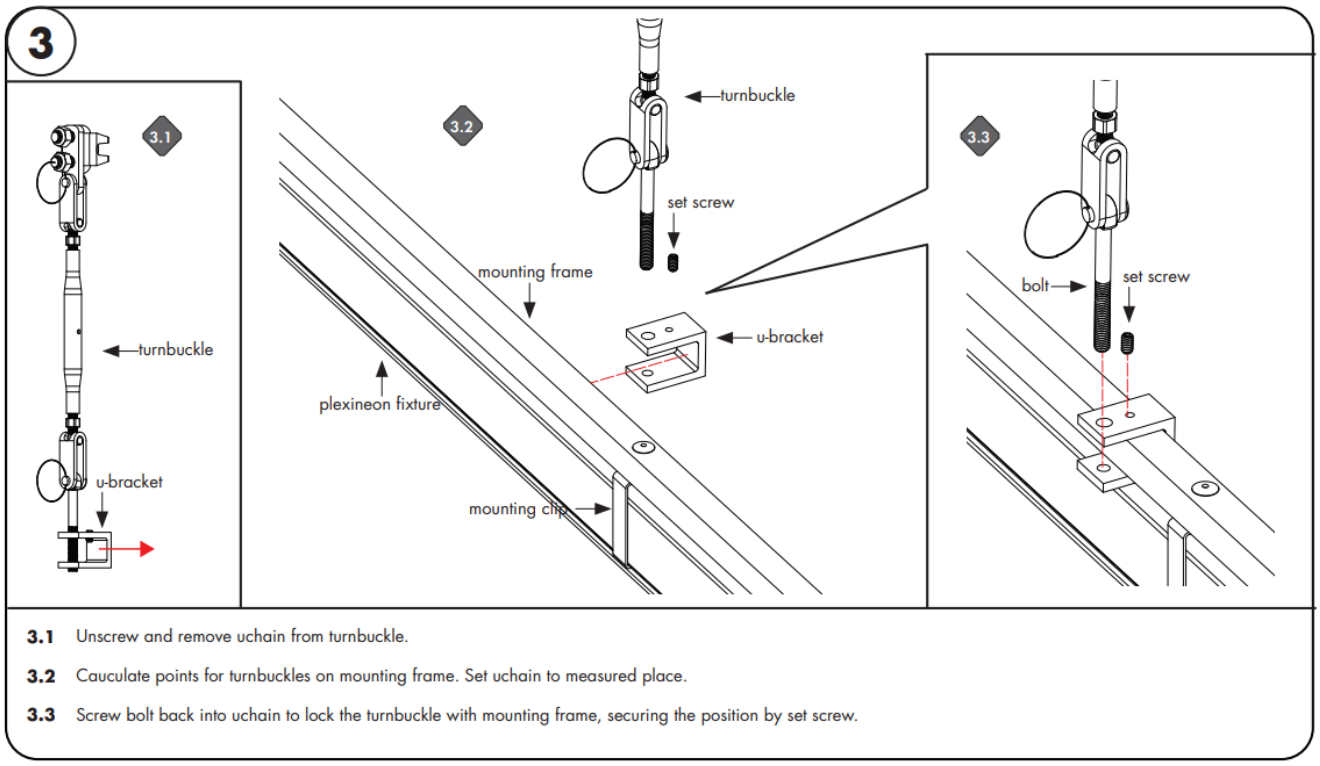
2.1 Install plexineon fixture to mounting clips on mounting frame(s).



A.1 Make an U shape with mounting clip installation tool, insert two edges into mounting clip. Place plexineon fixture insde the shape. Then push the fixture into clip.

A.2 Remove the tool. Make sure mounting clip is clipped right on the grip.

3. **24 VOLTS DC**

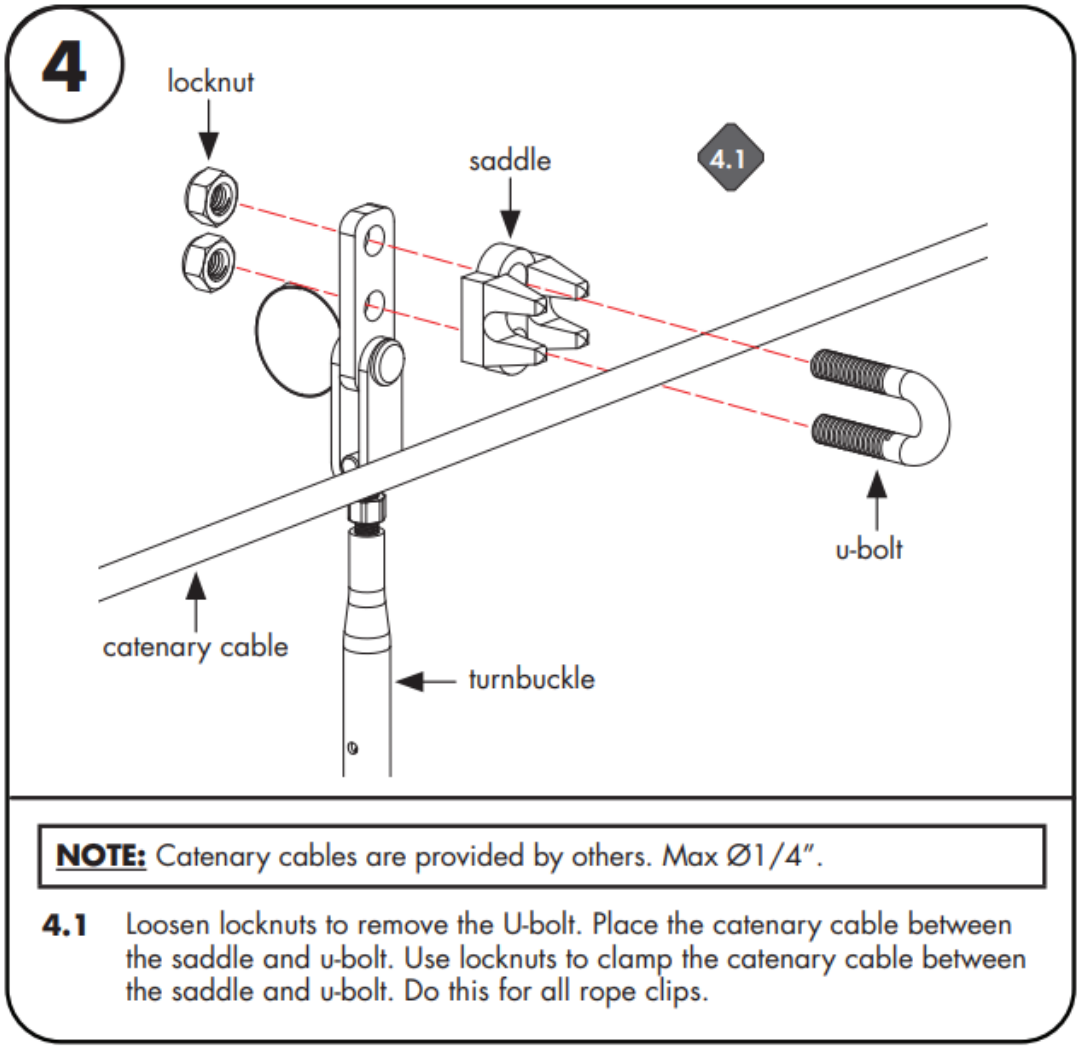


3.1 Unscrew and remove uchain from turnbuckle.

3.2 Cauculate points for turnbuckles on mounting frame. Set uchain to measured place.

3.3 Screw bolt back into uchain to lock the turnbuckle with mounting frame, securing the position by set screw.

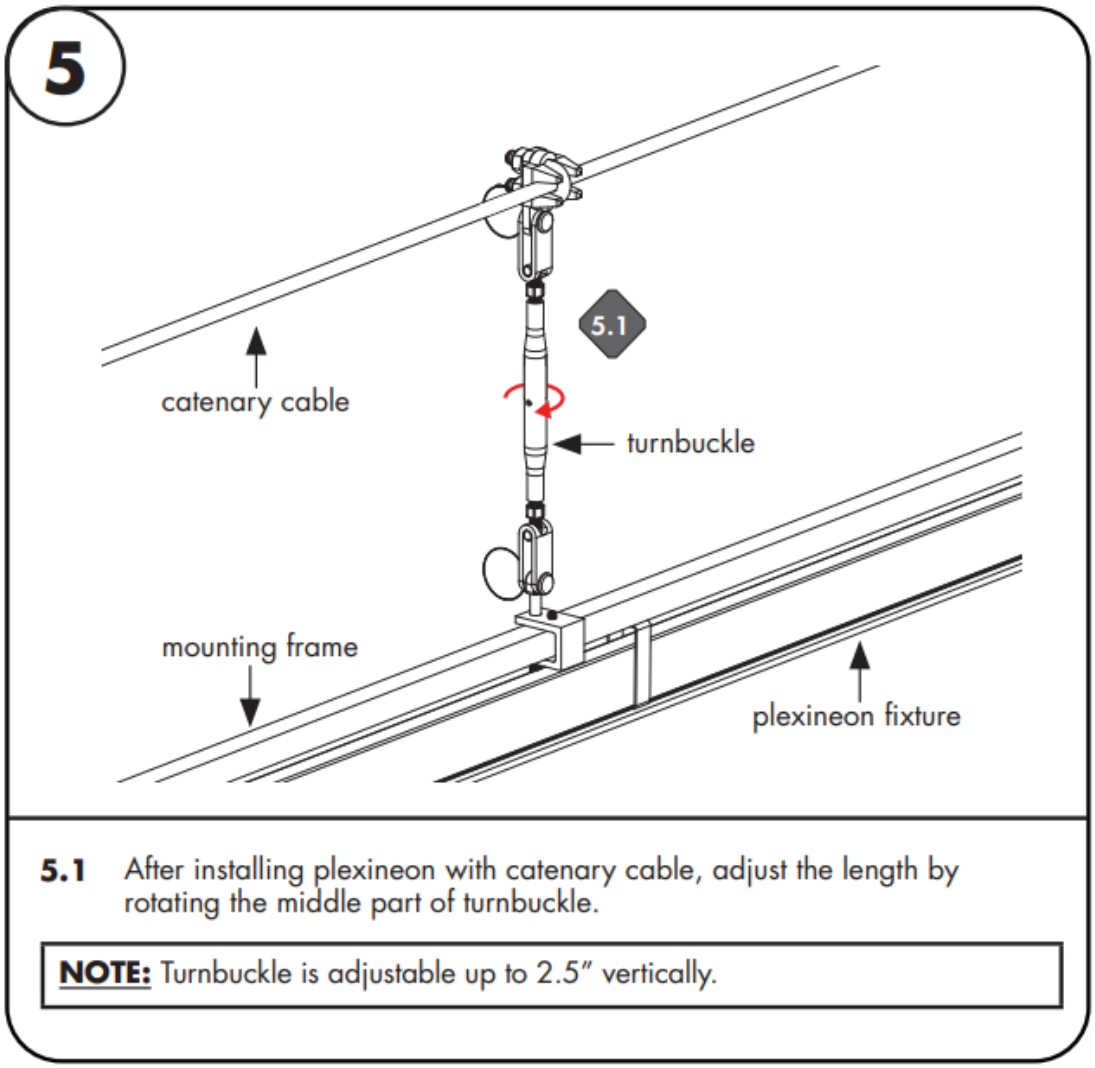
4. **SUITABLE FOR WET LOCATIONS**



NOTE: Catenary cables are provided by others. Max Ø1/4".

4.1 Loosen locknuts to remove the U-bolt. Place the catenary cable between the saddle and u-bolt. Use locknuts to clamp the catenary cable between the saddle and u-bolt. Do this for all rope clips.

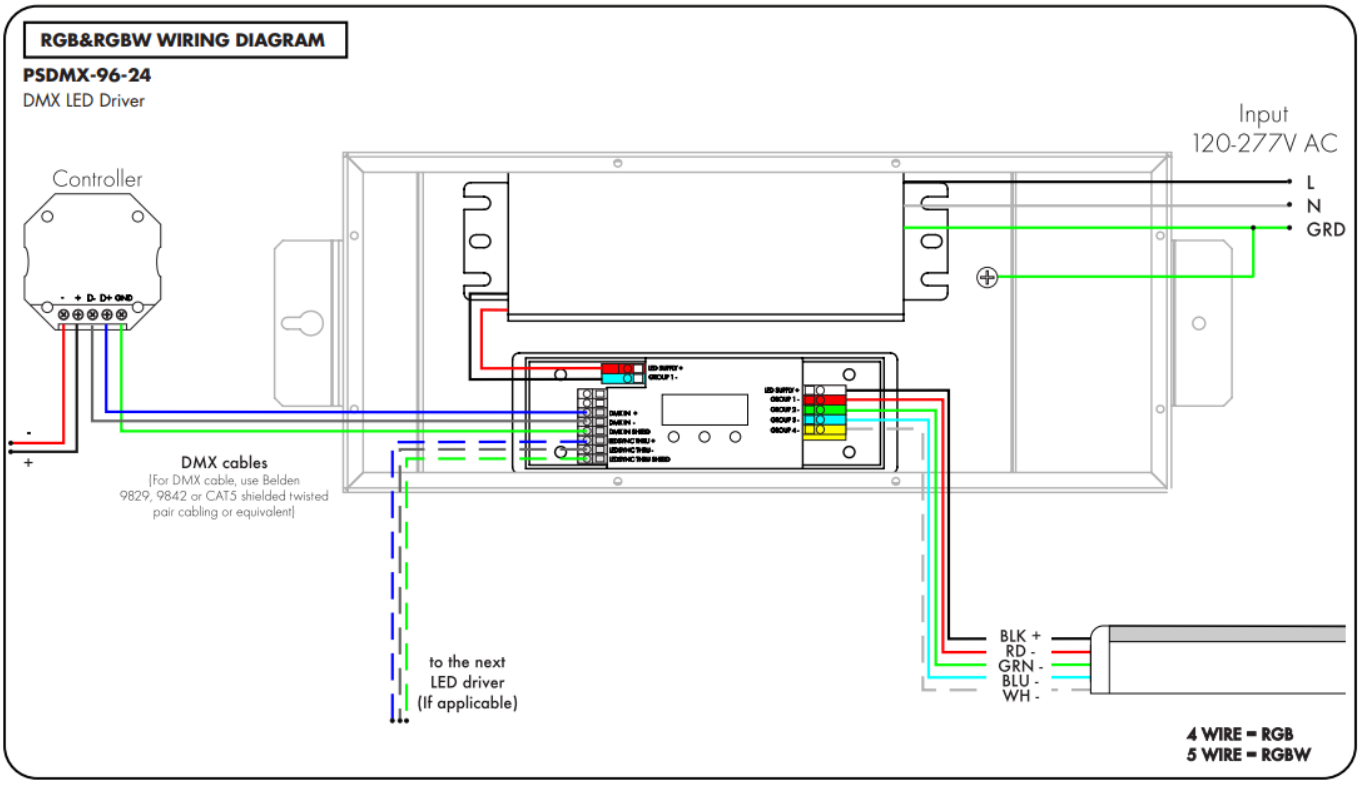
5. **CATENARY MOUNT ONLY**



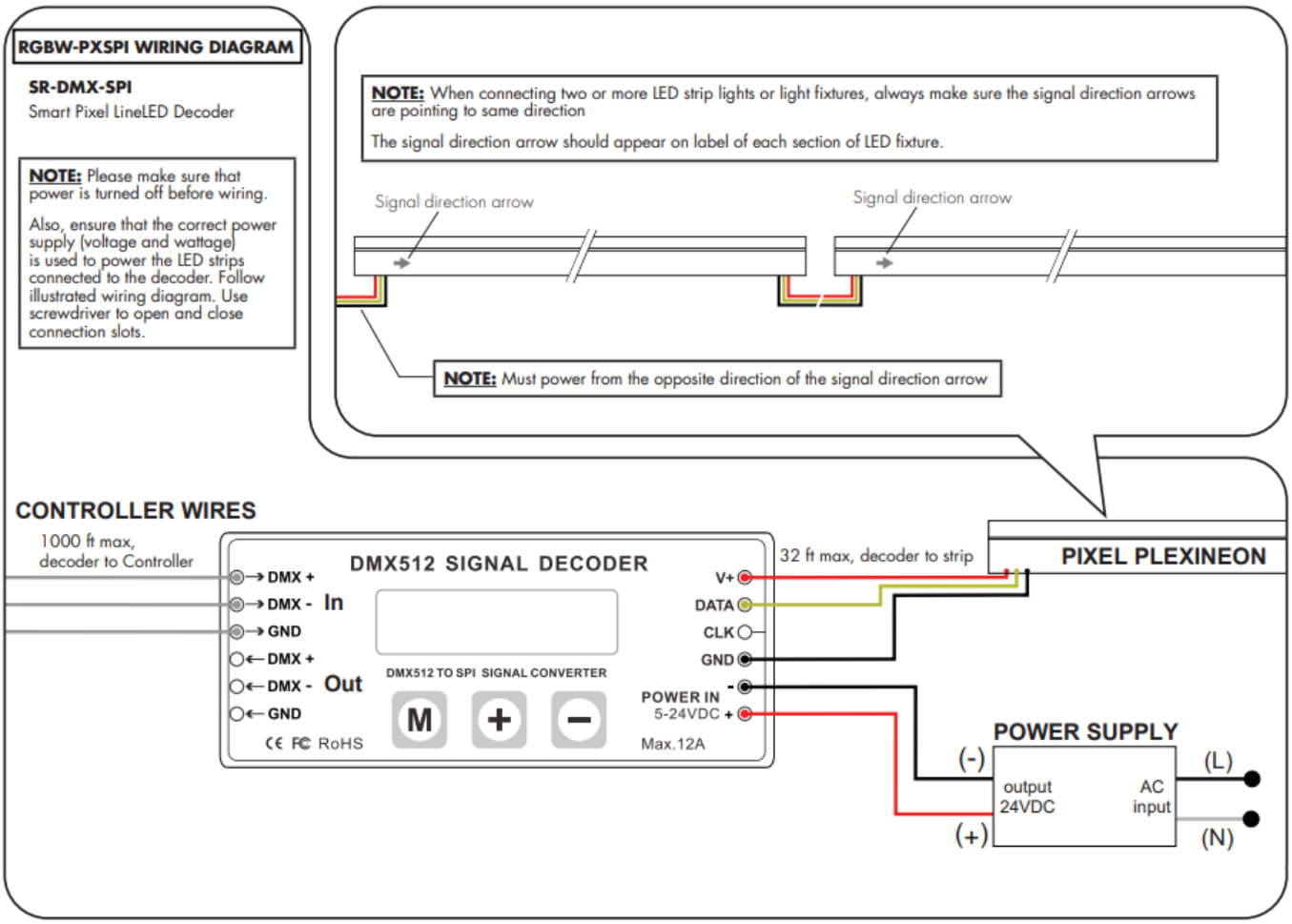
5.1 After installing plexineon with catenary cable, adjust the length by rotating the middle part of turnbuckle.

NOTE: Turnbuckle is adjustable up to 2.5" vertically.

RGB & RGBW WIRING DIAGRAM



RGBW-PXSPI WIRING DIAGRAM



Operation Instruction

SR-DMX-SPI
Smart Pixel LineLED Decoder

There are three buttons on the decoder:

1. Parameter Setting

2. Increase Value

3. Decrease Value

NOTE:
When connected to a controller, DMX512 Signal Decoder will stay in “Decoder Mode”.

After operation, if no action was taken within 30s, the button lock, and backlight of the screen will turn off.

1. Long press M button for 5s to unlock the buttons, and the backlight will turn on.
2. Long press M button for 5s to switch between test mode and decode mode after unlocked.

During test mode, the first line of LCD will show: TEST MODE. Use test mode to verify RGBW Pixel functionality. Duirng decoder mode, the first line of LCD shows: DECODER MODE. Use decoder mode when connecting to a Controller and for final installation and customization.

The second line of the LCD Display shows the current setting and value. Note: 1 Pixel = 1 Cut Increment.

MODE TABLE

SETTING	LCD DISPLAY	VALUE RANGE	DESCRIPTION
Built-in Programs	TEST MODE MODE NO.:	1-26	See Program Table below
Program Speed	TEST MODE RUN SPEED:	0-7	0: fast, 7: slow
DMX Address	DECODER MODE DMX ADDRESS:	1-512	Address of the starting point/Pixel of a program
DMX Signal RGB	DECODER MODE DMX RGB SEQ:	RGB, BGR, etc.	N/A
Pixel Quantity	DECODER MODE PIXEL QTY:	1-170(RGB), 1-128(RGBW)	Number of Pixels to follow a program

IC TYPE	DECODER MODE IC TYPE:	2903, 8903, 2904, 8904	2903: N/A, 2904: for RGBW, 8903: N/A, 8904: N/A
Color	DECODER MODE COLOR:	MONO, DUAL, RGB, RGBW	MONO: N/A, DUAL: N/A, RGB: N/A, RGBW: for RGBW
Pixel Merging / Pixel Size	DECODER MODE PIXEL MERGE:	1-100	Number of Pixels to merge together
RGB Sequence	DECODER MODE LED RGB SEQ:	RGBW, BGRW, etc.	Sequence of RGBW, 24 possible combinations
Integral Control	DECODER MODE ALL CONTROL:	YES, NO	Yes: Merge all Pixels No: Maintain individual Pixels or Merged Pixels
Reverse Control	DECODER MODE REV-CONTROL:	YES, NO	Reverse program order
Overall Brightness	DECODER MODE BRIGHTNESS:	1-100	1: dimmest setting 100: brightest setting

NOTE:
The actual maximum control pixels of the controller are 1360 (2903) ,1024 (2904). Please set the pixel and pixel combination value according to the actual situation, and DO NOT exceed the maximum.

PROGRAM TABLE

PROGRAM NO.	PROGRAM DESCRIPTION
1	Solid color: Red
2	Solid color: Green
3	Solid color: Blue
4	Solid color: Yellow
5	Solid color: Purple
6	Solid color: Cyan
7	Solid color: White
8	RGB change
9	Full color change

10	RGB fading
11	Full color fading
12	Red chase with trail
13	Green chase with trail
14	Blue chase with trail
15	White chase with trail
16	RGB chase with trail
17	Rainbow chase with trail
18	RGB chasing and fading

19	Red chasing green, chasing blue
20	Orange chasing purple, chasing cyan
21	Rainbow chase (7 colors)
22	Random twinkle: white over red
23	Random twinkle: white over green
24	Random twinkle: white over blue
25	White fading
26	Off

NOTE: For Program Table Change: no fading/dimming between color changes
Fade: fade/dim between color changes
Chase: change pixel by pixel
Chase with Trail: change pixel by pixel with fading between

REV0.1 10252022

Support

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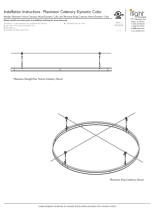
Documents / Resources

	luminii Plexineon Fixture Catenary Mount Dynamic Color [pdf] Instruction Manual Plexineon Fixture Catenary Mount Dynamic Color, Plexineon Fixture, Catenary Mount Dynamic Color, Catenary Mount, Mount

References

- Home - Luminii