

### LUMILUM 120V LED LIGHT STRIP DMX DECODERS/CONTROLLERS



# PRODUCT FEATURES:

#### SKU: LUM-B34XTS-DMX1

Long runs (up to 328 ft. of Lumilum 120V RGB LED strip light)

Input: 120VAC

Output: 120VDC/500W Per LED Strip Light

**DMX Signal Input Connections:** 3 or 5-pin DMX (XLR), Cat 5 (RJ45), Cat 6 Cables

DMX Signal Thru Connections: 3 or 5-pin DMX (XLR), Cat 5 (RJ45), Cat 6 Cables

IP Rating: IP20 Rated (Indoor Use)

Shipping Dimensions: 14" x 10.7" x 4.4"

Weight: 6lbs









### USES:

- Cove & Indirect Lighting
- Landscape Lighting
- Stairways
- Building Exteriors
- Bars & Liquor Displays
- Backlit Signs
- Furniture Illumination



# PRODUCT FEATURES:

#### SKU: LUM-B34XTS-DMX2

Long runs (up to 328 ft. of Lumilum 120V RGB LED strip light)

Input: 120VAC

Output: 120VDC/500W Per LED Strip Light

DMX Signal Input Connections: 3 or 5-pin DMX (XLR), Cat 5 (RJ45), Cat 6 Cables

DMX Signal Thru Connections: 3 or 5-pin DMX (XLR), Cat 5 (RJ45), Cat 6 Cables

IP Rating: IP65 Rated (Indoor or Outdoor Use)

Shipping Dimensions: 16" x 11.03"x 5.71"

#### Weight: 7.11lbs





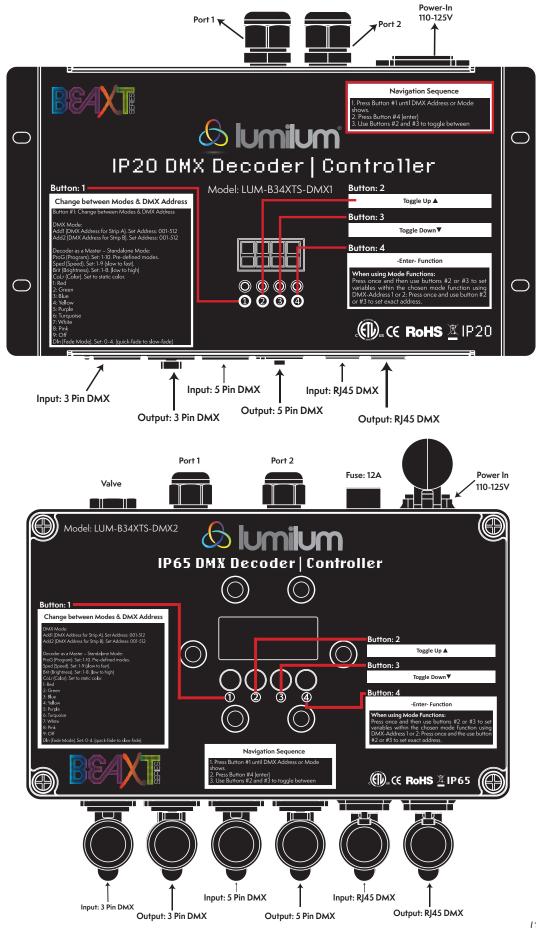




- Window Trims
- Fences
- Columns
- Dynamic Displays
- Entertainment Venues
- Banquet Halls
- Casinos & Resorts

- Concert & Event Lighting
- Stage Lighting
- Bowling Alleys

### **BUTTON FUNCTIONS DIAGRAM:**



©Lumilum LED Lighting

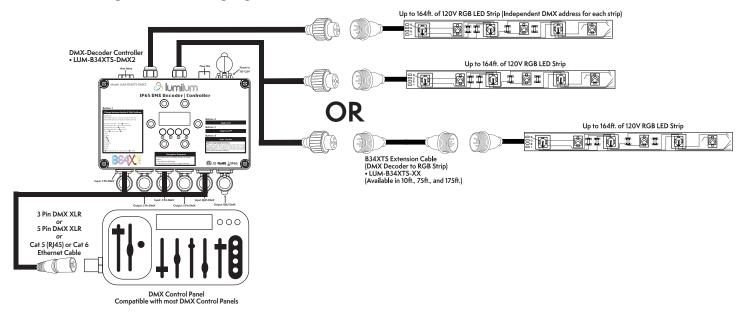
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## CONNECTOR GUIDE:

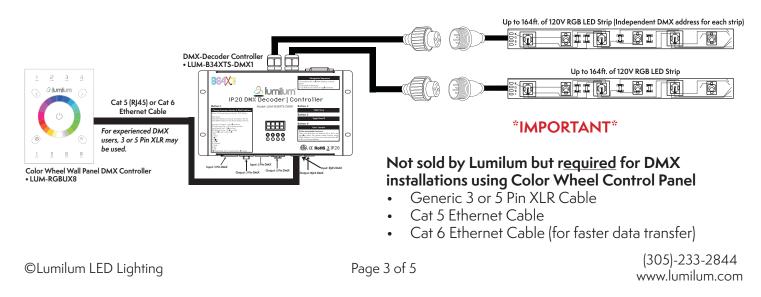


### INSTALLATION DIAGRAMS:

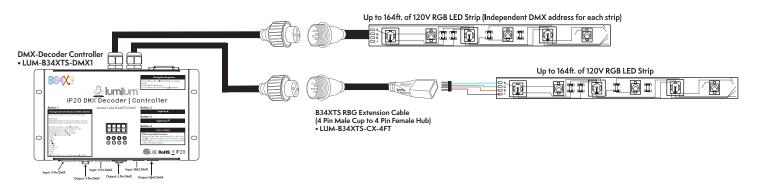
Installation Diagram when using a generic DMX Control Panel



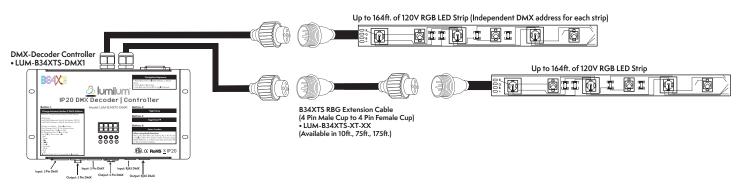
#### Installation Diagram when using Lumilum® Color Wheel DMX Control Panel



#### Installation Diagram when using a 120V RGB Interconnector Cable (B34XTS-CX-4ft Cable)



#### Installation Diagram when using a 120V RGB Extension Cable (B34XTS-XT-XXft Cable)



#### Installation Diagram when using a 120V Interconnector Cable (B34XTS-CC-XXin Cable)



### INSTALLATION SUGGESTIONS:

- When 2 or more DMXs are being used, it's recommended to run units *no more* than 330ft max (100m) in physical distance from each other. For best results, please be sure to place DMX units in a centralized and easily accessible location (media room, closet, meter room, etc) do not attempt to enclose units behind drywall or in any inaccessible area.
- For lengthy installations, please note that each cable connection can degrade the signal. A good practice is to limit your cable run to the same limitations as above (330ft) unless your strip is directly connected to Port 1 or 2 on the DMX to which there is no distance limitation.

### TIPS:

- Using an ethernet cable, like CAT 5 (RJ45) or Cat 6, is reccomended for faster and easier data processing than 3 or 5 pin XLR cables.
- If signal or data becomes degraded due to extended distances, you may require a DMX amplifier (not sold by Lumilum), or use ARCnet DMX Protocols or sACN Protocols (Streaming ACN).

## **OPERATION INSTRUCTIONS:**

#### Important: Read All Instructions Prior to Installation

#### HOW TO USE DMX DECODER

Upon startup, *L-UL* will be the default message displayed. To begin cycling through sequences, press button 4 (enter).

Add1 - Address 1: press button 4 and use buttons 2 and 3 to cycle through channels 1-512

*dl* N - Do not change. Must be set to channel 3 (shown as d 3) to operate. If the channel is changed, use buttons 2 and 3 to toggle channels until you reach d 3.

COLr - press button 4 and use buttons 2 and 3 to cycle through colors

brl - press button 4 and use buttons 2 and 3 to cycle through brightness modes

SPED - press button 4 and use buttons 2 and 3 to cycle through fade speeds

**PrOG** - press button 4 and use buttons 2 and 3 to cycle through preset transitions

**Add2** - Address 2: press button 4 and use buttons 2 and 3 to cycle through channels 1-512 (set Add2 to a second zone when another strip light is added to the DMX port and needs to be controlled independently from zone 1)

#### TROUBLESHOOTING YOUR DMX

#### Verify DMX Channel (default is d 3)

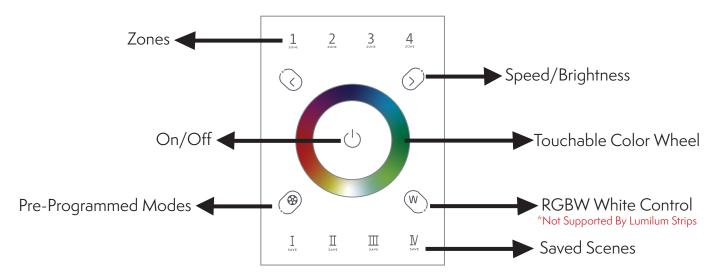
This DMX must be set to channel 3 (shown as d=3) to operate. If the channel is changed by accident, use buttons 2 and 3 to toggle channels until you reach d=3.

#### Verify Address Setting

The DMX has the option of being set to Add1 or Add2.

Add1 channel is normally set to A 1, representing Zone 1.

Add2 can be set to a channel in intervals of 4 (A--5, A--9, A-13)



#### HOW TO USE COLOR WHEEL CONTROL PANEL (LUM-RGBUX8)

Upon initialization all buttons will be illuminated - press zone number to deselect.

Set up the first zone by pressing Z1 and choose your color or mode function.

When adding a second strip to the DMX module that is to be independently controlled, add another zone switch your DMX to ADD2, press button 4/enter, and toggle using buttons 2 and 3 until you reach a secondary zone address (A--5, A--9, A-13)