Hi Beam RGB Wet
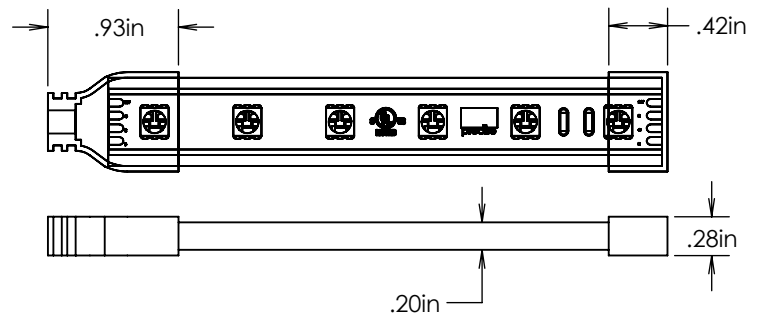
LED TAPE LIGHT

preciseLED
Precision Through Innovation

Project Name: _____

Fixture Type: _____

Notes: _____

DESCRIPTION

All PreciseLED tape light products feature a flexible copper core and are cut and soldered to specified length in our factory. PreciseLED tape lights additionally have best-in-class color rendering, color consistency, and, when combined with our dimming drivers, dimming and flickering performance. Our Hi Beam RGB Wet tape light is wet location rated and able to display a wide range of colors. Its ultra-low profile enables installation practically anywhere. It comes with a 3M adhesive back which makes the installation easy, clean, and safe!

SPECIFICATIONS

- Voltage: 24V
- Watts per foot: 4.4 W/ft
- Lumens per foot: 90 lm/ft
- Not Field Cuttable
- Max Run: 17.5 ft
- Protection: IP65
- Ambient Temperature: -4°F ~ +113°F
- Average Life: 50,000 hours
- Warranty: 5 years
- Dimmable

DIMENSIONS

.93in   .42in

.28in

.20in

ORDERING CODE

Example: **HIBW-16-24V-RGB-12TAIW**

Product	Spool Length	Volt	Color Temperature	Wiring Configuration (Optional)
HIBW		24V	RGB	
HIBW	**XX** Length in increments of 4 inches only.	**24V**-24V	RGB	**JUMP** Tail Jumper Cable **#TAIW** Custom Tail Wire Length (inch) **#LEAW** Custom Lead Wire Length (inch)

LUMEN OUTPUT PERFORMANCE

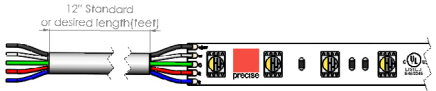| Color Temp	R	G	B	RGB
Lumen/ft	28	73	16	116
Wave Length	620NM-625NM	527NM-532NM	470NM-475NM	

Hi Beam RGB Wet

LED TAPE LIGHT

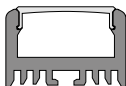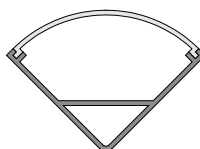| Optional Wiring Configurations	Ordering Code
	TAIW Custom Tail Wire Length
	LEAW CustomLead Wire Length
	JUMP Tail Jumper Cable

■ COMPATIBLE TAPE LIGHT CHANNELS
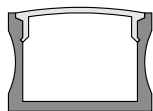
FGRE - Figure

FGFL - Figure Flat

CNWD - Connectwide

45WD - 45 Degree Wide

■ COMPATIBLE TAPE LIGHT DRIVERS

Wet Location Non-Dimming Drivers

NN Series

NN Series
Non-Dimming LED Driver, Class 2
Constant Voltage Flicker Free, 24V

30 Watts:
Part #: DRIV-NN-24V-30W
60 Watts:
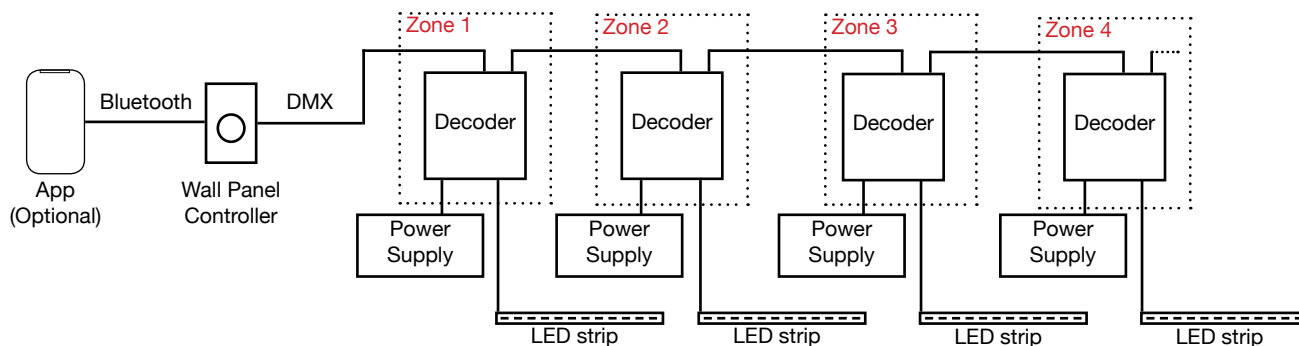Part #: DRIV-NN-24V-60W
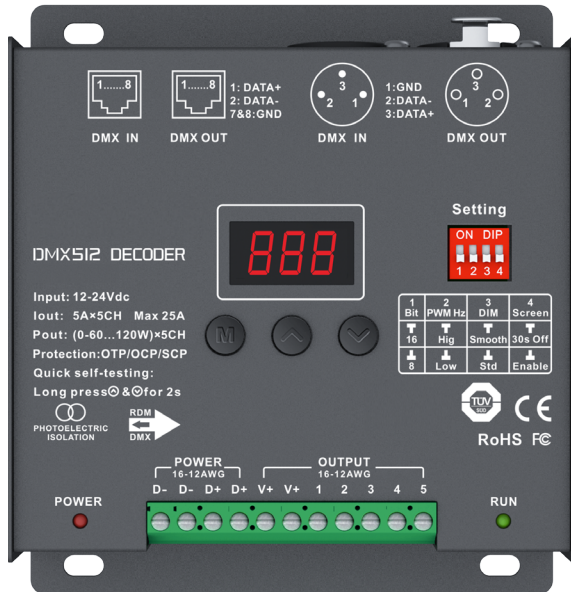96 Watts:
Part #: DRIV-NN-24V-96W

■ SYSTEM DIAGRAM

App (Optional) — Bluetooth — Wall Panel Controller — DMX

Zone 1 | Zone 2 | Zone 3 | Zone 4

Decoder — Power Supply — LED strip (×4)

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■ DMX DECODER (ORDER SEPARATELY)

Input Voltage: 12-24V DC
Current Load: 5A x 5CH
Output Power: 96W (5 channels total) use with class 2 power supply
Output Signal: DMX512 / RDM
Supported DMX ports: 3-pin XLR, RJ45 (Provided by user)
Dimensions: L4.8 x W4.4 x H1.5in
Operating Temperature: -22°F~149°F
Weight: 1.2 lb
Certification: UL, FCC, CE, RoHS, TUV
Protection: Short circuit / Over-heat / Over current

Note:

An amplifier is needed if more than 32 decoders are connected, should not exceed 5 times continuously.

If recoil effect occurs, please try to connect 0.25W 90-120Ω terminal resistor at the end of each signal cable. See installation instruction for more information.

Ordering Code: DXDR-L5

■ DMX WALL PANEL CONTROLLER (ORDER SEPARATELY)

Input Voltage: 12-24V DC use with Class 2 Power Supply
Material: Aluminum frame, tempered glass
Mounting: Wall Mount (fits standard US wallbox)
Wireless protocol: Bluetooth 5.0 Mesh
Output signal: DMX 512
Supported DMX ports: D+,D-,GND wire terminals
Number of Zone: 4
Number of Scene: 4
Dimensions: L4.7 x W3.0 x H1.2 in
Operating Temperature: -68°F~131°F
Weight: 0.5 lb
Certification: UL certified

Ordering Code: CTRL-DMX-WC-U4

Contact PreciseLED for additional Photometrics or visit our website.

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We reserve the right to change specifications without prior notice.
File Name: HI Beam RGB Spec Sheet A07 DEC 06, 2022

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Hi Beam RGB Wet

LED TAPE LIGHT

■ DMX WALL MOUNT CONTROLLER (ORDER SEPARATELY)

■ SPECIFICATIONS

Input Power: 6-7VDC
Output Signal: DMX512 (1024 channels)
Programmability: PC, Mac, Tablet, Smartphone
Memory: microSD (32Gb Max)
Dimensions: 5.75 x 4.15 x 0.43 inches
Weight: 0.54 lb
Standards: EC, EMC, ROHS, ETL

■ ORDERING CODE

CTRL-DMX-WC-D3

■ DMX WALL MOUNT CONTROLLER COMPARISON

Part#	CTRL-DMX-WC-U4	CTRL-DMX-WC-D3
Picture		
Type/Discription	DMX Wall Mount Controller	DMX Wall Mount Controller
Supported Tape	RGB/RGBW	CT/RGB/RGBW
Stand Alone	•Number of scenes 4 •Number of zones 4 •Power voltage 12-24V DC Screw terminal	•Number of scenes 500 •Number of zones 10 •Memory capacity 32gb Max •Power voltage 6-7V DC(supplied) •Power connector Screw terminal or F
Output Protocal	DMX512,Bluetooth 5.0 Mesh (1 Universe)	DMX512 (x2) (2 Universes)
Programmability	iOS, Android App	PC, Mac, Tablet
Connection Port	DMX terminal: DMX-,DMX+,GND	USB,Ethernet, RS232, Clock, 8 dry con ports, open drain output(for relay)
Features	Color: Black/White	Color: Black
	Simple Programming via App	Complex Programming via App and computer software(ESA2, ESA Pro 2 PC/Mac)
	None	Graphic color screen for scene picture screen settings
	Controls 1-16 address	Controls 1-1024 channel
Triggering	•Live control Color / Dimmer •Touch sensitive buttons + wheel	•Live control Color / Dimmer / Saturat •Touch sensitive buttons + wheel •Port triggers 8 •Clock/calendar triggers 100/(Sunrise/Sunset) •WIFI integration
Size	120x75x30mm	146x106x11mm
Weight	22.5g	247g
Standards	UL	EMC,ROHS,ETL

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