Hi Beam RGBW

LED TAPE LIGHT

preciseLED
Precision Through Innovation

Project Name:
Fixture Type:

DESCRIPTION

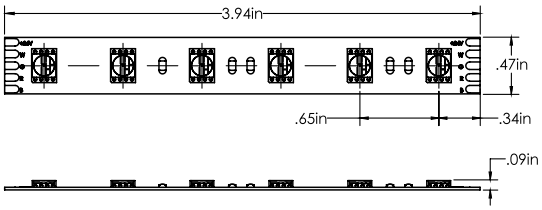
Our HI BEAM RGBW Tape Light is used when the need for both dynamic and static light arises. This product is controlled with either DMX or wireless wall controllers.

SPECIFICATIONS

- Voltage: 24V
- Watts per foot: 5.89W/ft
- Lumens per foot: 220Lm/ft
  White output only: 109Lm/ft
- 18 LED's per foot
- Dimmable using our RGB controller
- Backed with 3M Adhesive
- Ambient Temperature: -4°F ~ +113°F
- Humidity: 40% ~ 70% R
- Protection: IP20
- Cuttable every 2.49 Inches
- 50,000 Hours Lamp Life
- Max Run: 13.12 Feet
- 3 Step Binning Process
- CRI ≥ 95 , R_f ≥ 95 , R_g ≥ 100
- UL Listed for US and Canada
- 5 Year Warranty

Please see PreciseLED.com for warranty and installation information.

DIMENSIONS



Color Temp: 30 K	Lumens/ft
Red	33.8
Green	126.1
Blue	34.1
White	168.5

ORDERING CODE

Example: **HRGW-16'-24V-95C-30K**

Product	Spool Length	Volts	CRI	Color Temperature
		24V	**95C**	
HRGW	☐ 'ft ☐ "in Custom Length	**24V-** 24 Volts	**95C** ≥ 95CRI	**27K** 2700K **30K** 3000K **35K** 3500K **40K** 4000K

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52 Railroad Ave
Valley Stream, NY 11580

www.preciseled.com
info@preciseled.com

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Project Name:
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COMPATIBLE TAPE LIGHT CHANNELS

Click here to view our Tape Light Channels

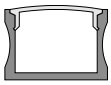


Figure
Dimensions: 0.89”W x 0.61”H

Figure Flat
Dimensions: 0.89”W x 0.33”H

Figure Slim
Dimensions: 0.69”W x 0.28”H

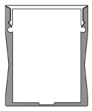
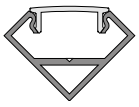
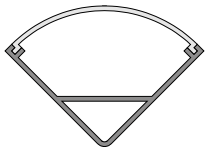


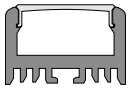
Figure Tall
Dimensions: 0.91”W x 1.11”H



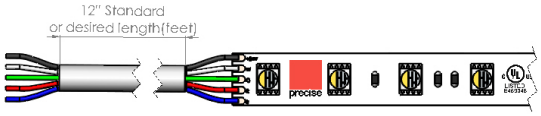
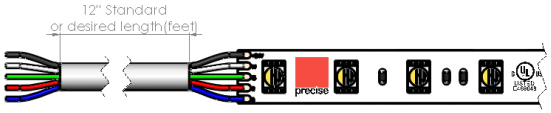
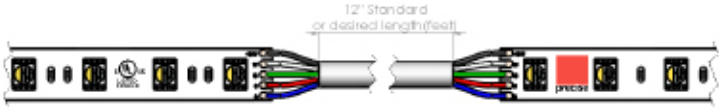
45 Degree
Dimensions: 0.72”W x 0.72”H



45WD
Dimensions: 1.18”W x 1.18”H



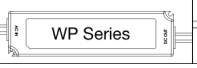
Connectwide
Dimensions: 1.01”W x 0.67”H

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

ORDERING CODE
Example: HRGW-16’-24V-95C-14TAIW

*Default wire length is 12”, no number in front of ordering code indicates default length

COMPATIBLE TAPE LIGHT DRIVERS

Magnetic Hybrid Drivers	Lutron Dimming Drivers	Magnetic Dimming Drivers	Small Load Drivers	Wet Location 0-10V Dimmable Drivers	Wet Location Non-Dimming Drivers	Electronic Dimming Drivers
						

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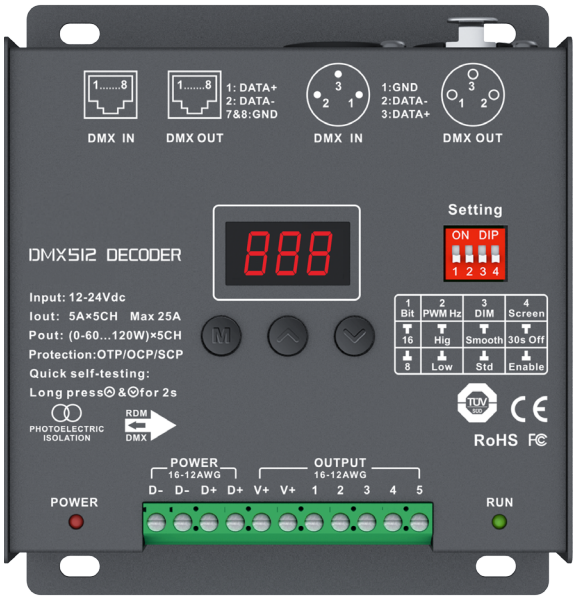
Project Name:
Fixture Type:

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 MOUNT 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

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Project Name:
Fixture Type:

DMX WALL MOUNT CONTROLLER (ORDER SEPARATELY)

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 RJ45
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 contact 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 pictures, in screen settings
	Controls 1-16 address	Controls 1-1024 channel
Triggering	•Live control Color / Dimmer •Touch sensitive buttons + wheel	•Live control Color / Dimmer / Saturation •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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