

RGBW PIXEL TAPE LIGHT

24V DC High Output Dynamic RGBW

Digital pixel tape light allows for every 6 LEDs to be addressable, enabling independant control of dynamic color and design. Create endless effects including chasing, popcorning, waves, and strobe with easy to use DMX 512 control protocol.

- RGB+3000K warm white dynamic pixel color mixing capabilities
- Create millions of color combinations for impactful installations
- Features SMD 5050 RGBW LEDs with 5 step SDCM
- Lumen output ranging up to 241Lm per foot (3000K)
- Cuttable every 3.94" with 16.4ft max run
- Easy installation featuring 3M VHB adhesive backing
- IP20 uncoated
- Control via DMX for color and dimming
- cULus Listed dry locations
- 50,000 hours rated life



PROJECT:

TYPE:

LOCATION:

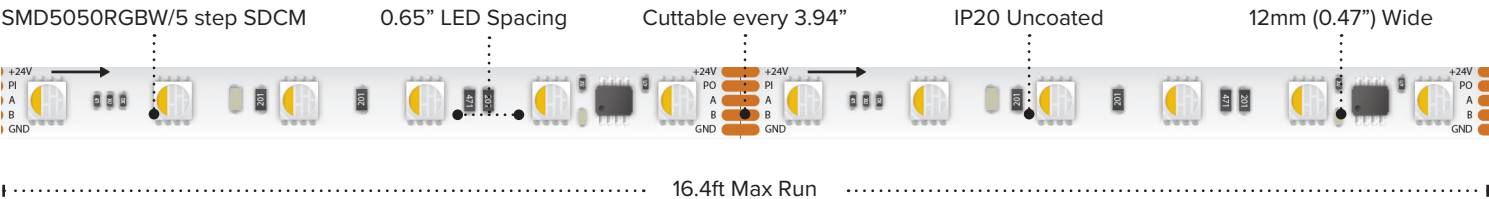
CATALOG NUMBER:



HTL20-PXL SERIES QUICK SPECS

VOLTAGE	24V DC
WATTAGE	6.1W / ft
LUMENS	Up to 241Lm / ft
CCT OPTIONS	RGBW (3000K) Dynamic Pixel
CRI	90+ (3000K)
MAX RUN	16.4ft
CUTTING POINTS	3.94" (100mm)
IP RATING	IP20 - Uncoated
PROTOCOL	DMX IC TM512AC
RESOLUTION	6 LEDs - 3.94" (100mm)
DIMENSIONS	0.47" (12mm) W x 0.08" (2mm) H
BEAM ANGLE	120°
OPERATING TEMP	-20°C (-4°F) to 40°C (104°F)
CERTIFICATIONS	cULus Listed - dry locations
RATED LIFE	50,000 Hours

HTL20-PXL SERIES QUICK LOOK



HTL20-PXL SERIES IP RATINGS



IP20 (Uncoated)
Uncoated tape light and LED's
Best suited: Indoor dry location

HTL20-PXL SERIES ORDERING INFORMATION

ITEM NUMBER	VOLTAGE	CCT	LENGTH	LUMENS / FT	WATTAGE / FT	IP RATING	CRI	CUTTING	MAX RUN
HTL20-PXL-RGBW6-24VDC-16	24V DC	RGBW	16.4 ft	241Lm / ft	6.1W / ft	IP20	90+(White only)	3.94" (100mm)	16.4ft

Includes: Attached 3ft lead wires

HTL20-PXL SERIES ACCESSORIES

ITEM NUMBER	DESCRIPTION
TL-5PWR-HD	6' HD Power Feed (IP54)
TL-5SPL-HD	HD Splice (IP54)
TL-5JUMP6-HD	6" HD Linking Cable (IP54)
TL-5JUMP24-HD	24" HD Linking Cable (IP54)
WIRE-15-5PIN	15ft (20/5) Wire Spool
WIRE-CMP-100-6PIN	100ft (16/6) In-wall Rated Wire Spool
RCWY-PVC-1M	1m Plastic Wire Cover Raceway



TL-5PWR-HD



TL-5JUMP6-HD
TL-5JUMP24-HD



TL-5SPL-HD



WIRE-15-5PIN

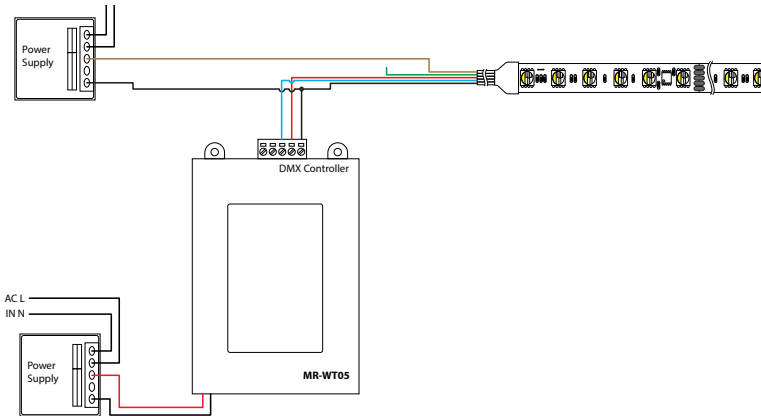


WIRE-CMP-100-6PIN



RCWY-PVC-1M

HTL20-PXL SERIES DMX QUICK SET-UP



1. "+24V" (Brown) wire of the LED strip, is connected to the Output 24V+ of the power supply
2. "PI" (Green) wire of the LED strip, is not used
3. "A" (Red) wire of the LED strip, is connected to the "DMX + / A" of the DMX Controller
4. "B" (Blue) wire of the LED strip, is connected to the "DMX - / B" of the DMX Controller
5. "GND" (White) wire of the LED strip, is connected and shared with the Output 24V- of the power supply and the "DMX GND" of the DMX Controller

RECOMMENDED POWER SUPPLIES

ITEM NUMBER	DESCRIPTION	MAX / MIN LOAD	INPUT VOLTAGE	OUTPUT VOLTAGE	DIMENSIONS
ADPT-DRJ-30-24	Adaptive Series 30W	30W / 3W	100-277V AC	24V DC	6.49"L x 3.6"W x 1.02"H
ADPT-DRJ-60-24	Adaptive Series 60W	60W / 6W	100-277V AC	24V DC	7.4"L x 3.6"W x 1.02"H
ADPT-DRJ-96-24	Adaptive Series 96W	96W / 9.6W	100-277V AC	24V DC	8.66"L x 3.6"W x 1.61"H
ADPT-DRJ-192-24	Adaptive Series 192W (2 x 96W)	192W / 19.2W	100-277V AC	24V DC	10.94"L x 4.25"W x 1.8"H
ADPT-DRJ-288-24	Adaptive Series 288W (3 x 96W)	288W / 28.8W	100-277V AC	24V DC	11.85"L x 4.25"W x 1.8"H



AMERICAN LIGHTING WARRANTY

LIMITED WARRANTY FOR LED PRODUCTS: 5 YEARS

LIMITED PRODUCT WARRANTY

Our products are warranted to be free from defects in material and workmanship for the warranty period listed. Warranty periods begin from the date of shipment from American Lighting Inc's warehouse to the original purchaser. Products that prove to be defective during their specific warranty period will be either repaired or replaced, at the sole discretion of American Lighting Inc. Claims for defective products must be submitted in writing to American Lighting Inc's RGA Department within the warranty period. Upon approval of such return, American Lighting Inc reserves the right to inspect the product for misuse or abuse. Claims for indirect or consequential damages or for product that, in American Lighting Inc's opinion, has been misused will be denied. This is a warranty of product reliability only and not a warranty of merchantability or fitness for a particular purpose. American Lighting Inc shall have no liability whatsoever in any event for payment of incidental or consequential damages, including, without limitations, installation costs and/or damages for personal injury and/or property. These products may represent a possible shock or fire hazard if improperly installed or altered in any way. This warranty does not apply to any product that has not been properly installed in accordance with current local codes and/or the National Electrical Code. Products that require a transformer, driver, or power supply must be used in conjunction with American Lighting Inc's recommended power supply to ensure safety and retain product warranty.

PRODUCT SPECIFICATIONS

For the latest product information, updates, instructions and details concerning specifications, colors, finishes, performance, installation and design, visit www.americanlighting.com. Color may vary from the color printed herein due to limitations in photographic and printing processes. American Lighting Inc. reserves the right to change product specifications without notice. Other product specifications such as color temperature, wavelength characteristics and lumen output are subject to production limitations and may vary.

LED technology is changing rapidly, and not all color temperatures and performance levels can be duplicated at a later time. Best practices include purchasing 10-15% more for a particular project on the same initial order where white LED color temperatures must be maintained over project and product life. Eventual product replacement should be considered at layout and design stages. Best practices also include testing connections and product performance prior to mounting and/or installing.

AVERAGE LIFE

Average incandescent lamp life, rated life and average life are terms used to describe the number of hours at which half of the lamps have failed. For LEDs, the hours of rated life specify the point where 70% of original lumen output is reached. Below this point, the effective life is over; however, the LED may still emit light. Individual results may vary with actual environmental conditions including, but not limited to, proper installation, ambient temperature and/or input voltage fluctuations.