COVE LIGHT

Revised: 09.02.26

COVE

Project Name:	
Type:	



APPLICATION

The 2” cove strip light when installed in rows are design to eliminate shadows. As with other strip fixtures, it is an efficient solution for both task and general lighting needs. Used for cove light and display light.

APPLICATION

These color capable luminaires bring flexibility and open doors to various types of applications. The RGBW technology is a combination of three primary colors - red, green, blue - in addition to white. Additional white LEDs illuminates a much purer white tone and brings flexibility for color mixing through the RGB chips.Playing with different colors of the LEDs can form infinite color hue possibilities to not only just illuminate space, but manipulate for your desired hue and shades. Flexible control solutions from wireless remote, Bluetooth, to DMX512 with a wall mount touch panel can provide an ultimate solution to optimize the needs from residential to commercial, healthcare, education, retails, entertainment, office, and more.

FEATURES:

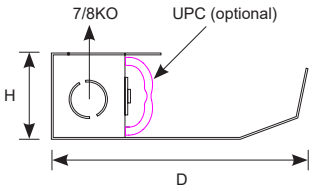
- White post-painted cold rolled steel housing to prevent sharp edge. Matte white over rust inhibiting phosphate coating for smooth and maximum light reflect (minimum 85%).
- Variety of size channel strips are available with single line.
- Standard 22”, 34”, 46” fixture combined end to end for continous rows.
- Paint after fabrication.
- A remote box provided.

MOUNTING:

- Surface mounting or directly to wall structure.
- Continuous row mounting available.

LISTING:

- UL/CUL listed and labeled.
- Suitable for damp locations.
- Assembled in USA.
- Warranty:
  Power Supply: 5 years limited warranty.
  DMX: 3 years limited warranty.
  LED: 3 years limited warranty.



Specifications:
Depth: 6 (152)
Height: 1-1/2 (38)

All dimensions are in inches (millimeters).

ORDERING INFORMATION

EXAMPLE: *COVE-2-LO-RGBW-30K-UNV*

MODEL	SIZE & LED		SYSTEM [1, 2]		CRI		VOLTAGE	
COVE	**2-LO** **3-LO** **4-LO**	22” Length, Low output 15W 34” Length, Low output 25W 46” Length, Low output 34W	**RGBW-27K** **RGBW-30K** **RGBW-40K** **RGBW-TW**	RGBW with wired, wireless or Bluetooth solution, 2700K white RGBW with wired, wireless or Bluetooth solution, 3000K white RGBW with wired, wireless or Bluetooth solution, 4000K white RGB + Tunable White with wired, wireless or Bluetooth solution, 2700K-6500K tunable white	**(Blank)**	80+ White	**UNV**	120-277V

LED DRIVER		CONTROLS [2]		OPTIONS	
CV24	24VDC Power Supply	**WL-MZ-WH** **WL-MZ-BK** **BLT**	4-Zone RF remote, white 4-Zone RF remote, black Bluetooth / Smartphone App	**UPC** **WL-HLD-WH** **WL-HLD-BL**	Non-optic frosted cover Remote holder for WL-MZ, white Remote holder for WL-MZ, black
4DMX	4-CHANNEL DMX512 decoder	**(Blank)** **DMXT14** **DMXT8**	No options or controls from below 4-zone DMX512 wall mount touch panel, 100-240VAC input only 4-zone DMX512 wall mount touch panel, 100-240VAC input only 5vdc adapter provided		

NOTES:
1. Custom wattage or lumen is not available.
2. Refer to Table1 and Table 2 to find more information.

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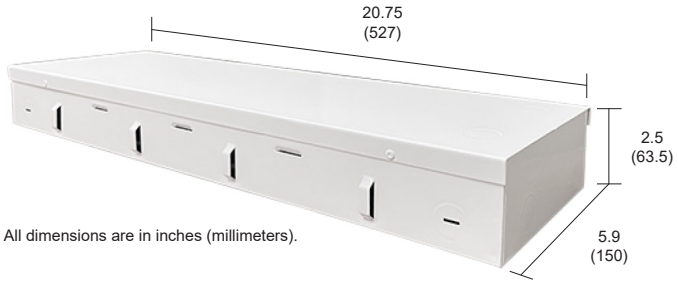
COVE

REMOTE BOX DETAILS



All dimensions are in inches (millimeters).

RGBW CONFIGURATION

Input Voltage	24V
Watt / foot	9.3 W/ft, 60.53 lm/W
Lumen / foot	R: 36.82 lm/ft
	G: 79.55 lm/ft
	B: 25.82 lm/ft
	W: 100.35 lm/W (30K), 116.8 lm/W (40K)
CRI for white LEDs	95
Color Consistency	3-step MacAdam binning
Lumen Maintenance	> 50,000 hours
Control Options	Wireless Easy control remote, Group / Multi Zone wireless remote, Bluetooth (Smartphone / APP)
Warranty	5 years limited warranty for power supply, 15 years limited warranty for LED source

CONTROL (TABLE 1)



* Remote holder sold separately

WL-MZ (RF remote control)

Dimensions	W 2" x D 0.825" x H 4.725"
Weight	0.1lbs
Signal Type	RF (Radio Frequency) 2.4GHz
Range	98ft from fixture open air
Zone / Mode	4 zones / 9 modes
Working Temp.	-4ºF to 131ºF (-20ºC to 55ºC)
* Battery	2 x AAA battery

* Not included



WL-HLD-WH



WL-HLD-BK

BLT (Bluetooth / Smartphone App)

Bluetooth	
Software	IOS 8.0 and up, Android 4.4 and up
App	Smart Life or Tuya Smart supported
Features	Group, Scences
Bluetooth Distance	> 49ft in open area
Additional Feature	Home Management / Third party control -> Alexa, Google Assistant (by others)

Smart Life

Tuya Smart

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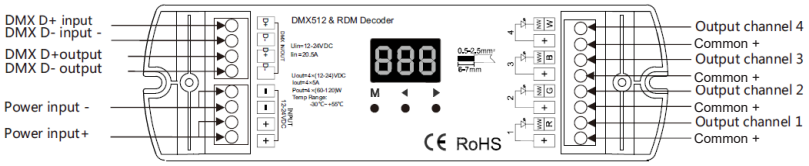
4DMX (TABLE2)



4DMX (4-channel DMX decoder)

Dimensions	L 6.7" x W 2" x D 0.9"
Output Current	5A / channels
Input Voltage	12-24V DC
Output Power	4 x (60-120)W
Frequency	PWM output



DMXT14

Zone	4 zone
Signal	DMX512 protocol
Dimensions	L 3.4" x H 3.4" x D 1.45"
Features	10 built-in mode, scene
Operating Temp.	-22ºF ~ 131ºF (-30ºC ~ 55ºC)



DMXT8

Zone	4 zone
Signal	DMX512 protocol
Dimensions	L 7" x H 1.3" x D 1.9"
Features	12 built-in mode, scene
Operating Temp.	-22ºF ~ 131ºF (-30ºC ~ 55ºC)

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