

NUTPCOB-RGBW
24V RGBW COB LED Tape Light
Source: 5.5W/ft. LED
300lm/ft.

PRODUCT DESCRIPTION
24V RGBW COB LED Tape has alternating LED diodes that are RGBW and White. Users can create any color in the rainbow using a compatible RGBW controller. COB LED creates an uniform seamless line of light, without the need for additional diffused covers or accessories. Both color settings are programmable and have adjustable brightness and action features that are controlled with the press of a button. This flexible COB LED light source produces up to 300 lumens per foot, a perfect solution for low clearance or reflective surfaces to eliminate all glare or dotting.
Note: Second-generation RGBW Tape cannot be used interchangeably with first-generation versions.

- FEATURES
- Cuttable every 1.31" and connectable with accessories
 - 24V system - requires Class 2 LED driver and RGBW controller
 - Seamless COB eliminates LED dotting
 - Up to 300 lumens at 5.5W per foot
 - Primary Colors: Red, Green, Blue and White (3000K)
 - Easy installation with 3M™ adhesive pre-installed
 - cULus listed for indoor dry locations (IP20 rated)

SPECIFICATION
Construction: Uncoated LED tape can be cut every 1.31" at marked intervals. Cutting does not effect circuit and can be connected to accessories. Each roll includes (1) 12" power cord, (32) clear mounting clips and screws.

Mounting: Tape light includes pre-installed 3M™ adhesive tape for simple installation. Optional channels or clips are available.
NATLCB-509: Clear Mounting Clips (pack of 15)
NATL-C23: 4' Shallow Recessed Channel
NATL-C24: 4' Shallow Channel
NATL-C25: 4' Deep Recessed Channel
NATL-C26: 4' Deep Channel
NATL-C27: 4' J-Style Channel
NATL-C28: 4' Corner Channel

ELECTRICAL
Input Voltage: 24VDC
Lumens / Wattage: 300lm / 5.5W per foot
Color Rendering Index: 90+ CRI
Beam Spread: 150° Wide Flood
Operating Temperature: -20°C to 45°C
Dimming: Dimmable with RGBW controller
Maximum Length: 16.4' max.

Controller: Each run requires a RGBW RF Controller (NATL-875), which can be linked together for color synchronization. The controller can be controlled locally or with an optional hand held remote (NATL-877).

ACCESORIES
NATLCB-508: 12" Hardwire Power Cable
NATLCB-507: End to End Connector
NATLCB-503: 3" Linking Cable
NATLCB-506: 6" Linking Cable
NATLCB-518: 18" Linking Cable
NATLCB-536: 36" Linking Cable
NATLCB-572: 72" Linking Cable

- LABELS AND LISTINGS
- cULus Listed for Dry Locations
 - IP20 rated
 - RoHS compliant
 - 5-Year Limited Warranty



24V RGBW COB LED Tape Light

Length / Color Temperature
NUTPCOB-RGBW24CV16-G2 = 16.4' Roll / RGBW

Example: NUTPCOB-RGBW24CV16-G2 = 16.4' 24V RGBW COB LED Tape Light

Table with 1 column and 4 rows: Type, Project, Catalog No., Notes

PRODUCT IMAGES & DIMENSIONS

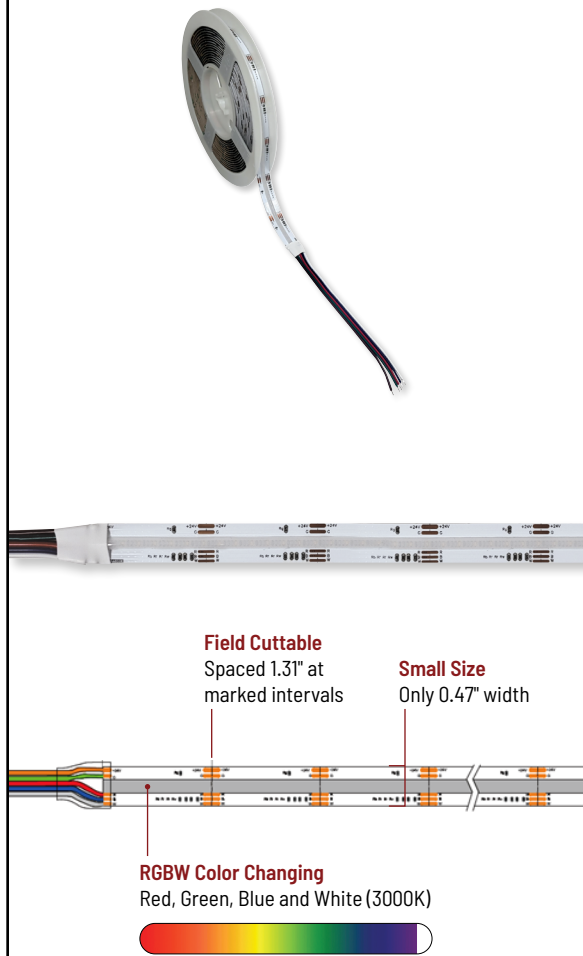


Table with 2 columns: Description, Optional Accessories. Lists various linking cables, connectors, and mounting clips.

NUTPCOB-RGBW

24V RGBW COB LED Tape Light Accessories

Type

Project

Catalog No.

Notes



RGBW RF Controller

NATL-875

12-24VDC 15A max. A controller is required for each RGBW LED Tape Light run. Installs between the driver and the power line interconnector. The controller can be used to toggle between colors or changing modes.



RGBW Hand Held Remote

NATL-877

Used to program RGBW tape light to certain color configurations. Can be used up to control up to four NATL-875 controllers
Key Selections: Brightness, Colors, Color Changing - Flash, Strobe, Fade and Smooth Fade, On/Off



12" Power Cord

NATLCB-508

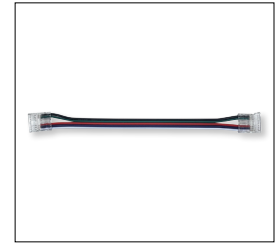
12" Cable used to hardwire tape light to a compatible RGBW controller.



End to End Connector

NATLCB-507

Connects two tape light sections together.



Linking Cables

NATLCB-503

3" Cable

NATLCB-506

6" Cable

NATLCB-518

18" Cable

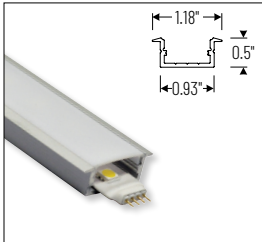
NATLCB-536

36" Cable

NATLCB-572

72" Cable

Linking cable is used to connect two tape light sections together.

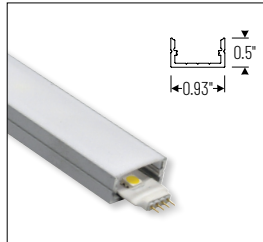


4' Shallow Recessed Channel

NATL-C23A

Aluminum Finish

Used to mount tape light recessed in a surface. 4' length and field cuttable. Diffused lens and end caps are included.



4' Shallow Channel

NATL-C24A

Aluminum Finish

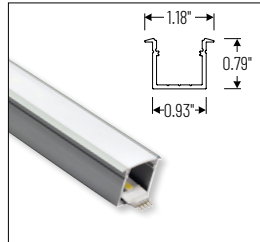
NATL-C24B

Black Finish

NATL-C24W

White Finish

Used to mount tape light to flat surface. 4' length and field cuttable. Diffused lens and end caps are included.

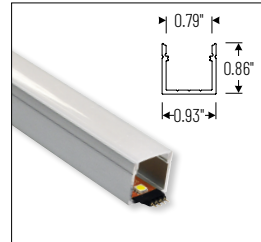


4' Deep Recessed Channel

NATL-C25A

Aluminum Finish

Used to mount tape light recessed in a surface. 4' length and field cuttable. Diffused lens and end caps are included.



4' Deep Channel

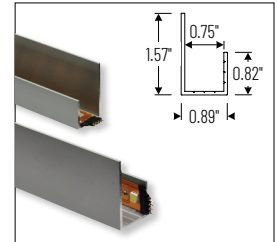
NATL-C26A

Aluminum Finish

NATL-C26W

White Finish

Used to mount tape light to flat surface. 4' length and field cuttable. Diffused lens and end caps are included.

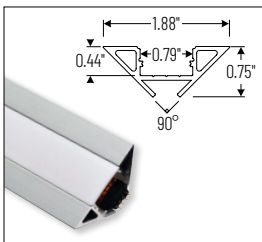


4' J-Style Channel

NATL-C27A

Aluminum Finish

Used to mount tape light to flat surface. 4' length and field cuttable.



4' Corner Channel

NATL-C28A

Aluminum Finish

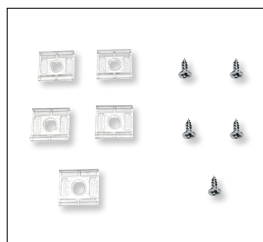
NATL-C28B

Black Finish

NATL-C28W

White Finish

Used to mount tape light to a corner. 4' length and field cuttable. Diffused lens and end caps are included.



Clear Mounting Clips

NATLCB-509

Pack of 15

Pack of 15 clear mounting clips and screws to mount tape light to flat surface.

NUTPCOB-RGBW

24V RGBW COB LED Tape Light Drivers & Accessories

Type

Project

Catalog No.

Notes



Direct Plug-In LED Driver

NATL-524W 24V 24W
NATL-545W 24V 45W
Input Voltage: 120V
Cable Length: 6'



Direct Plug-In LED Driver

NATL-596W 24V 96W
Input Voltage: 120V
Input Wire: 44" Cord and Plug
Output Wire: 58" Power line connector



Class 2 Hardwire LED Driver

NPSU-60W/24 60W
NPSU-96W/24 96W
Input Voltage: 110-277V
Dimming: Non-Dimmable
Note: Power Line Connector(s) not included



Class 2 Hardwire LED Driver with Breakers

NMT-303/24C2D1 120V input
NMT-303/24C2D2 277V input
Input Voltage: 120V or 277V
Dimming: Non-Dimmable
Breakers: (3) 100W
Note: Power Line Connector(s) not included



Class 2 Hardwire LED Driver w/ Regulator

NMTD-60/24D 24V 60W
NMTD-96/24D 24V 96W
Input Voltage: 120-277V
Dimming: Non-Dimmable
Regulator: Integral regulator for constant current and voltage
Includes: 10' Power Line Connector



Power Line Connector

NATL-10 10' Power Line
NATL-30 30' Power Line
 For use with Class II drivers. Carries output from driver, requires power line interconnectors.



Splitter

NATL-302W 5" Splitter
 Splits power line connector into two separate leads, requires power line cable.



Low Voltage Splice Box

NATL-415W
 Use to join low voltage lead to power line connector.



Terminal Block

NATL-407 4-Way
 2-3/8"L x 1-1/8"W x 7/8"D
NATL-408 8-Way
 4"L x 1-1/8"W x 7/8"D



Wire Clip, Plastic - 10pk

NATL-404W J-Clip
NATL-405W Over the Wire
NATL-406W Square Clip



2' Wire Raceway

NATL-422B Black
NATL-422W White
 Field-cuttable plastic. Includes wire channel with double faced tape and cover.