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

| | |
|---|---|
| **Type** | |
| **Project** | |
| **Catalog No.** | |
| **Notes** | |

## 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 or DMX decoder. 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.

## 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 or DMX decoder
**Maximum Length:** 16.4' max.

**Controller:** Each run requires a controller or DMX decoder, which can be linked together for color synchronization. The controller can be controlled locally or with an optional hand held remote. DMX decoder requires a DMX controller (by others).

## 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

### PRODUCT IMAGES & DIMENSIONS



**Field Cuttable**
Spaced 1.31" at marked intervals

**Small Size**
Only 0.47" width

**RGBW Color Changing**
Red, Green, Blue and White (3000K)

### Optional Accessories

| Description |
|---|
| **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 |
| **NATLCB-507** = End to End Connector |
| **NATLCB-508** = 12" Hardwire Power Cable |
| **NATLCB-509** = Mounting Clips (pack of 15) |

## 24V RGBW COB LED Tape Light

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

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

# NUTPCOB-RGBW
## 24V RGBW COB LED Tape Light Accessories



### 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



### DMX Decoder

**NATL-DMX-4C/RGBW**
20A Max. A DMX decoder or RGBW controller is required for each RGBW LED Tape Light run. Installs between the driver and the power line interconnector. The decoder requires a DMX controller (by others) to operate.



### 12" Power Cord

**NATLCB-508**
12" Cable used to hardwire tape light to a compatible RGBW controller or DMX decoder.



### End to End Connector

**NATLCB-507**
Connects two tape light sections together.



### Linking Cables

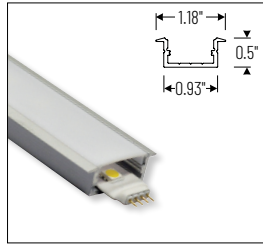| | |
|---|---|
| **NATLCB-503** | 3" Cable |
| **NATLCB-506** | 6" Cable |
| **NATLCB-518** | 18" Cable |
| **NATLCB-536** | 36" Cable |
| **NATLCB-572** | 72" Cable |

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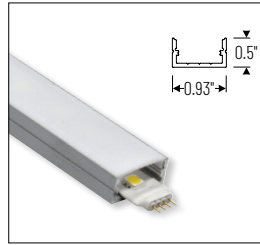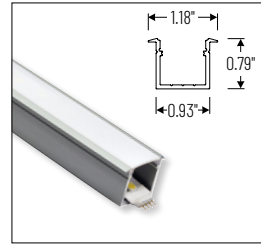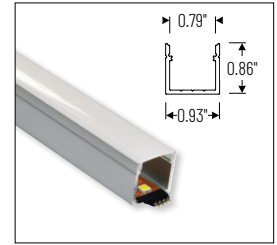


### 4' Shallow Recessed Channel

**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.
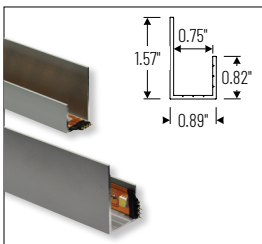


### 4' Deep Recessed Channel

**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.
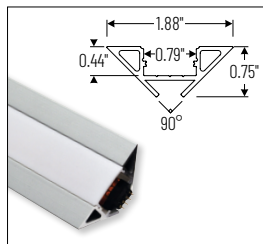


### 4' J-Style Channel

**NATL-C27A**   Aluminum Finish
Used to mount tape light to flat surface.
4' length and field cuttable.



### 4' Corner Channel

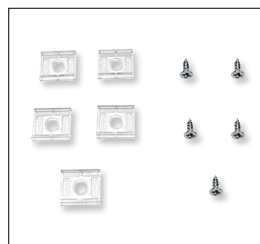| | |
|---|---|
| **NATL-C28A** | Aluminum Finish |
| **NATL-C28B** | Black Finish |
| **NATL-C28W** | White Finish |

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.

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# NUTPCOB-RGBW
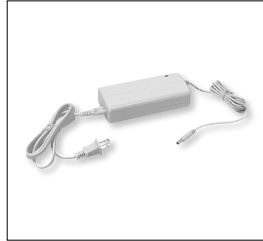## 24V RGBW COB LED Tape Light Drivers & Accessories



**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 5-in-1 Dimming**

| | |
|---|---|
| **NPSU-60W/24** | 60W |
| **NPSU-96W/24** | 96W |
| **NPSU-3X96W/24** | 3x 96W |

**Input Voltage:** 110-277V
**Dimming:**
PWM, 0-10V, MLV, Triac, ELV
**Note:** Power Line Connector(s) not included



**Class 2 Hardwire LED Driver ELV Dimming**

| | |
|---|---|
| **NATLED-5040HW** | 24V 40W |
| **NATLED-5075HW** | 24V 75W |

**Input Voltage:** 120V
**Dimming:** Non-Dimmable
**Includes:** 10' Power Line Connector



**Class 2 Hardwire LED Driver MLV Dimming**

**NMT-48/24C2D1**  48W
**Input Voltage:** 120V
**Dimming:** Non-Dimmable
**Includes:** 10' Power Line Connector



**Class 2 Hardwire LED Driver with Breakers, MLV Dimming**

| | |
|---|---|
| **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, MLV Dimming**

| | |
|---|---|
| **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**

| | |
|---|---|
| **NALTL-10** | 10' Power Line |
| **NALTL-30** | 30' Power Line |

For use with Class II drivers. Carries output from driver, requires power line interconnectors.
**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 |
| | 2-⅜"L x 1-⅛"W x ⅞"D |
| **NATL-408** | 8-Way |
| | 4"L x 1-⅛"W x ⅞"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.

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