



<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type	Constant Voltage	Watts	6.1 W/ftW
120V	N/A	Color Temp	RGBW
208V	N/A	Color Accuracy	90 CRI
240V	N/A	L70 Lifespan	50,000 Hours
277V	N/A	Lumens	230lm/ft lm
Input Watts	6.1 W/ftW	Efficacy	N/A

### Technical Specifications

#### Lightcloud

##### Factory Reset:

See LCBLVD/RGB on [rablighting.com](http://rablighting.com)

#### Performance

##### Product Type:

16 ft SMD tape RGBW - Wet rated

##### Description:

FLEXTAPE is a bendable, outdoor LED tape that provides energy-efficient lighting for both indoor and outdoor applications.

##### Input Wattage:

6.1W/ft

##### Lumens:

R:28lm/ft  
G:100lm/ft  
B:22lm/ft  
W:107lm/ft  
Mix:250lm/ft

##### Lumens/Foot:

230 lm/ft

##### L70 Lifespan:

50,000-Hour LED lifespan based on IES LM-70 results

#### Electrical

##### Dimmable:

Yes, using Lightcloud Blue  
This product will not operate properly when connected to a standard (incandescent) dimmer or dimming control.

##### Input Voltage:

DC24V

##### Operating Temperature:

-4°F to 113°F (-20°C to 45°C)

##### Storage Temperature:

-4°F (-20°C) to 140°F(60°C)

#### LED Characteristics

##### Beam Angle:

120°

##### Color Temperature:

Default: 3000K  
2200-3000K and 16+ million colors using Lightcloud Blue

##### Color Accuracy (CRI):

90 CRI

##### Color Changing:

Color Changing-2559c

#### R9 Value:

High color performance with R9 greater than 60

#### Color Consistency:

<5-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

#### LED Segments per Reel:

50

#### Chip Density:

18 LED/ft

#### Pixel/Meter:

10 pixels/m

#### LED/Pixel:

6 LED/pixel

#### Field Cuttable Increment:

Cuttable every 3.9"

#### Length Adjustments:

Use the mobile app to adjust Minimum Segment Unit (MSU) and Maximum Segement Configuration (MSC) to ensure proper illumination. See the Lightcloud Blue Mobile App User Guide or contact RAB for more information.

**Technical Specifications (continued)****Installation****Mounting:**

Easy installation to most surfaces by using pre-attached 3M® double-sided tape

**Construction****Reel Length:**

16 ft

**Max Run Length:**

32 ft

**Length:**

16.4 ft

**Light Source:**

SMD 5050

**Material Construction:**

Weather-resistant, high-grade silicone cover with super-flexible bending.

**Light Effect:**

Soft linear lighting performance

**Spool Length:**

16.4 ft

**Bendable:**

Top bend

**Compliance****Listings:**

UL2108

**Environment:**

Suitable for use indoors and outdoors in dry, damp, or wet environments.

**IP Rating:**

IP67

**California Title 24 JA8 Compliant:**

Can be used to conform with the requirements of California Title 24 Part 6.

**California Energy Commission (CEC) Status:**

Lawful for Sales in California

**NEC Compliant:**

Suitable for use in closets when used in an enclosed extrusion based on NFPA 70, NEC section 410.16 (A)(1) and 410.16 (C)(1)

**IESNA LM-79 & LM-80 Testing:**

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

**RoHS:**

Mercury and UV free. RoHS-compliant components.

**FCC:**

Complies with Part 15 of the FCC Rules

**Other****Compatible Products:**

LCBLVD/RGB

Lightcloud Blue controller for RGBW tape light

**Field Wiring Accessories:**

TOJ5

Tape Light Connector IP65 5-Pin PCB Width 12mm

W/ 15cm Wire

TPF5

End Caps

TPFES

Tape Light Wire Extender IP67 5-Pin Connectors w/

8ft Wire

TPFSS

Tape Light Wire Splitter IP67 5-Pin + 2-Pin

Connectors

**Mounting Accessories:**

TAP15

15.5mm Wide Aluminum Channel Kit

TAP16TL

Trimless 16mm Wide Aluminium Profile

TSG

Silicone Glue

**Compatible Drivers:**

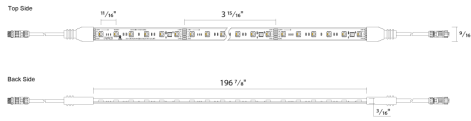
TND-96

96W Indoor/Outdoor Driver ON/OFF

**5-Year Limited Warranty:**

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

## Dimensions



## Features

Flexible, wet location LED tape provides energy-efficient lighting for both indoor and outdoor applications.

Easy installation to most surfaces by using pre-attached 3M® double-sided tape

Create dynamic RGB light shows with customizable effects and color sequences. Requires Lightcloud Blue controller (sold separately)

60W & 96W Indoor or outdoor rated drivers available (sold separately)

50,000-hr rated life, Title 24 Compliant, and 5-year limited warranty