



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Voltage	Watts	6.1 W/ftW
120V	17 mA/LED	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	38

Technical Specifications

Performance

Product Type:

Wet Location SMD Tape RGBW

Description:

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

Input Wattage:

6.1 W/ft

Lumens:

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

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

Installation

Field Cuttable Increment:

Cuttable every 3.94"

Mounting:

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

Construction

Length:

16.4 ft

Max Run Length:

32 ft

Light Source:

SMD 5050

Material Construction:

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

Light Effect:

Soft linear lighting performance

Compliance

Listings:

UL2108

Environment:

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

IP Rating:

IP67

Technical Specifications (continued)

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

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:

LCBLV/RGB

Lightcloud Blue controller for RGBW tape light

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.

Dimensions



Features

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

Field-cutable every 2.19" for shorter runs with a max run of 32ft. Can be linked with connectors (sold separately)

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