



Weight: 3.5 lbs

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	N/A	Watts	4.27W/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	124lm/ft lm
Input Watts	4.27W/ftW	Efficacy	29

Technical Specifications

Performance

Product Type:

Flexible Silicone Wet Rated Neon Tape Light RGBW

Description:

NEOFLEX recreates the look of classic neon with smooth, dot-free illumination. Engineered for indoor and outdoor applications, it is IP67 rated for long-lasting, reliable performance.

Input Wattage:

4.27 W/ft

Lumens:

R: 11lm/ft
G: 43lm/ft
B: 8lm/ft
W: 33lm/ft
Mix: 94lm/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 4.92"

Mounting:

Easy installation with clips, fixed channel, and bendable channel (sold separately)

Construction

Length:

16.4 ft

Max Run Length:

65 ft

PCB Width:

Width: 16mm
Height: 16mm

Light Source:

COB LED White

Material Construction:

Single-axis top-bend design for controlled curved installations.

Light Effect:

Soft linear lighting performance

Compliance

Listings:

UL2108

Technical Specifications (continued)

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

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

Field Wiring Accessories:

TPF5NF

5-Pin Power Feed Kit

Mounting Accessories:

TAP16

16mm Wide Aluminum Straight Channel

TAP16TL

Trimless 16mm Wide Aluminium Profile

TSG

Silicone glue

TB16

16mm Wide Mounting Brackets

TBB16

16mm Wide Bendable Aluminum Channel

Compatible Drivers:

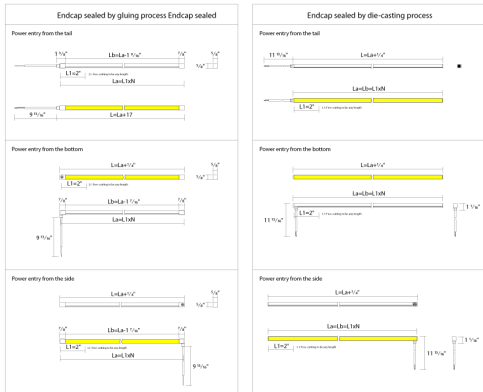
TND-96

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

24V DC - 205lm/ft - 4.3W/ft

Non-pixelated light diffusion enables the product to be freely bent in any direction, vertically or horizontally

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

Easy installation with clips, fixed channel, and bendable channel (sold separately)

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

Indoor or outdoor rated drivers available (sold separately)

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