



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	N/A	Watts	2.5W/ftW
120V	17 mA/LED	Color Temp	2700-6500K
208V	N/A	Color Accuracy	90 CRI
240V	N/A	L70 Lifespan	50,000 Hours
277V	N/A	Lumens	135lm/ft lm
Input Watts	2.5W/ftW	Efficacy	54

Technical Specifications

Performance

Product Type:

Dual Flex Silicone Wet Rated Neon Tape Light
Tunable White

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:

2.5 W/ft

Lumens:

120lm/ft (WW)
135lm/ft(CW)

Efficacy:

48-54lm/W

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
Tunable white 2700-6500K using Lightcloud Blue

Color Accuracy (CRI):

90 CRI

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 1.97"

Mounting:

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

Construction

Length:

16.4 ft

Max Run Length:

32 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

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/TW

Lightcloud Blue controller for tunable white tape light

Field Wiring Accessories:

TPF3NF

3-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:

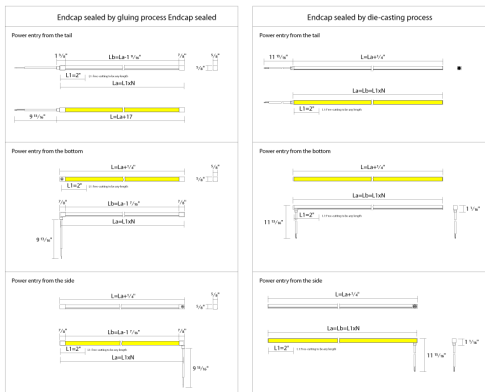
TND-96

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-cutable 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)
- Tunable white 2700-6500K, 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