



Weight: 3.2 lbs

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

Driver Info		LED Info	
Type	Constant Voltage	Watts	2.5W/ftW
120V	N/A	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	N/A

## Technical Specifications

### Lightcloud

**Factory Reset:**

See LCBLV/TW on rablighting.com

### Performance

**Product Type:**

16 ft Dual flex silicone neon tape light tunable white  
- Wet rated

**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:**

2.5W/ft

**Lumens:**

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

**Lumens/Foot:**

135 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  
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

**Field Cuttable Increment:**

Cutttable every 2"

**LED Segments per Reel:**

100

**Chip Density:**

73 LED/ft

### Installation

**Mounting:**

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

### Construction

**Reel Length:**

16 ft

**Max Run Length:**

32 ft

**Length:**

16.4 ft

**PCB Width:**

Width: 16mm  
Height: 16mm

**Technical Specifications (continued)****Light Source:**

COB LED White

**Material Construction:**

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

**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:**

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

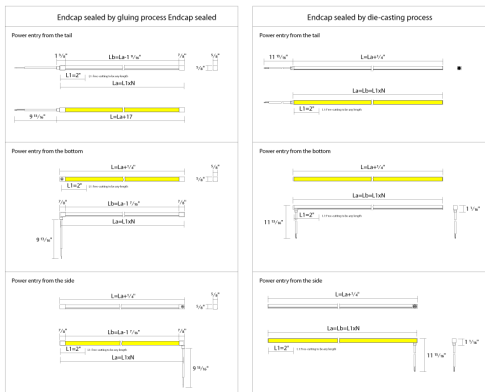
**Compatible Drivers:**

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](http://rablighting.com/warranty).

**Dimensions**



**Features**

- 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