



Weight: 2.6 lbs

Project:

Type:

Prepared By:

Date:

Driver Info		LED Info	
Type	Constant Voltage	Watts	4.27W/FTW
120V	5 mA/LED	Color Temp	N/A
208V	N/A	Color Accuracy	90 CRI
240V	N/A	L70 Lifespan	50,000 Hours
277V	N/A	Lumens	205lm/ft lm
Input Watts	4.27W/ftW	Efficacy	48

Technical Specifications

Performance

Product Type:
16 ft Dual flex silicone neon tape light static white - Wet rated

Lumens:
205lm/ft±10%

Efficacy:
48lm/W±10%

L70 Lifespan:
50,000-Hour LED lifespan based on IES LM-70 results

LED Characteristics

Chip Density:
37 LED/ft

Beam Angle:
120°

Color Temperature:
3000K

Color Accuracy (CRI):
90 CRI

R9 Value:
High color performance with R9 greater than 50

Certification Model Number:
<5-step (2700K & 5000K);<7-step (3000/3500/4000K)
MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Field Cuttable Increment:
Any

LED Segments per Reel:
Any

Electrical

Dimmable:
PWM Dimming Signal, dimmable down to .1% with LED Driver (sold separately)

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)

Installation

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

Construction

Reel Length:
16 ft

Max Run Length:
16 ft

Length:
16.4 ft

Max Linkable Run:
32.8 ft

PCB Width:
Width: 16mm
Height: 16mm

Light Source:
COB LED White

Material Construction:
Dual-Flex design which can be used to create curved and complex irregular designs

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

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**Mounting Accessories:**

TAP16

16mm wide aluminum straight channel

TB16

16mm wide mounting brackets

TBB16

16mm wide bendable aluminum channel

Compatible Drivers:

TID-60

Indoor 60W driver

TID-96

Indoor 96W driver

TOD-96

Outdoor 96W driver

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

- 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)
- Slim silicone construction with 6" minimum bending radius
- Indoor or outdoor rated drivers available (sold separately)
- 50,000-hr rated life, Title 24 Compliant, and 5-year limited warranty

Ordering Matrix

Family	Length	Lumen Output	CRI/Color Temp	Input Voltage	IP Rating	Controls
TNF			Y			
	Blank = 16 ft	Blank = Standard LG = Low Glare	YN = 90 CRI, 3500K N = 90 CRI, 4000K CW = 90 CRI, 5000K Y = 90 CRI, 3000K YY = 90 CRI, 2700K	Blank = 24 DC	Blank = IP67, Outdoor	Blank = None