



Weight: 2.6 lbs

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

Driver Info		LED Info	
Type	Constant Voltage, Class 2	Watts	4.27W/ftW
120V	N/A	Color Temp	N/A
208V	N/A	Color Accuracy	N/A
240V	N/A	L70 Lifespan	50,000 Hours
277V	N/A	Lumens	213lm/ft Im
Input Watts	4.27 W/ftW	Efficacy	50

**Technical Specifications**

**Performance**

**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:**

4.27W/ft

**Lumens/Foot:**

213 lm/ft

**L70 Lifespan:**

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

**Optical**

**Fixture Efficacy:**

50lm/W

**LED Characteristics**

**Chip Density:**

37 LED/ft

**Beam Angle:**

120°

**Color Temperature:**

3500K

**Color Accuracy (CRI):**

90 CRI

**R9 Value:**

High color performance with R9 greater than 50

**Color Consistency:**

<5-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

**Field Cuttable Increment:**

Any

**LED Segments per Reel:**

Any

**Electrical**

**Input Voltage:**

DC24V

**Operating Temperature:**

-20°C to 45°C (-4°F to 113°F)

**Storage Temperature:**

-4°F (-20°C) to 140°F(60°C)

**Installation**

**Mounting:**

Bracket, aluminum profile, bendable bracket

**Construction**

**Reel Length:**

16 ft

**Max Run Length:**

16 ft

**PCB Width:**

W16mm\*H16mm

**Light Source:**

COB LED White

**Material Construction:**

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

**Bendable:**

Dual bend

**Light Effect:**

Soft linear lighting performance

**Compliance**

**Listings:**

UL2108

**Environment:**

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

**Technical Specifications (continued)****IP Rating:**

IP67

**Certification Model Number:**

TNFYN

**California Title 20 Compliant:**

No

**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

**NSF Listed:**

No

**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:**

No

**Other****Field Wiring Accessories:**

TPF2NF

2-pin Power Feed Kit

TSG

10ml Silicone Glue

**Mounting Accessories:**

TB16

16mm wide mounting brackets

TBB16

16mm wide bendable aluminum channel

TAP16

16mm wide aluminum straight channel

TAP16TL

Trimless 16mm Wide Aluminium Profile

**Compatible Drivers:**

TID-60

Indoor 60W driver

TID-96

Indoor 96W driver

TID/B

J-box for TID Drivers

TOD-96

Outdoor 96W driver

TOD-96x2

96Wx2 outdoor driver

TOD-96x3

96Wx3 outdoor 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](http://rablighting.com/warranty).

Ordering Matrix

Family	Length	Lumen Output	CRI/Color Temp	Input Voltage	IP Rating	Controls
TNF			YN			
	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