



Project:	Type:
Prepared By:	Date:

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	202lm/ft lm
Input Watts	4.27 W/ftW	Efficacy	48

Technical Specifications

<p>Performance</p> <p>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.</p> <p>Input Wattage: 4.27W/ft</p> <p>Lumens/Foot: 202 lm/ft</p> <p>L70 Lifespan: 50,000-Hour LED lifespan based on IES LM-70 results</p> <p>Optical</p> <p>Fixture Efficacy: 48lm/W</p> <p>LED Characteristics</p> <p>Chip Density: 37 LED/ft</p> <p>Beam Angle: 120°</p> <p>Color Temperature: 2700K</p>	<p>Color Accuracy (CRI): 90 CRI</p> <p>R9 Value: High color performance with R9 greater than 50</p> <p>Color Consistency: <5-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color</p> <p>Field Cuttable Increment: Any</p> <p>LED Segments per Reel: Any</p> <p>Electrical</p> <p>Input Voltage: DC24V</p> <p>Operating Temperature: -20°C to 45°C (-4°F to 113°F)</p> <p>Storage Temperature: -4°F (-20°C) to 140°F(60°C)</p> <p>Installation</p> <p>Mounting: Bracket, aluminum profile, bendable bracket</p>	<p>Construction</p> <p>Reel Length: 16 ft</p> <p>Max Run Length: 16 ft</p> <p>PCB Width: W16mm*H16mm</p> <p>Light Source: COB LED White</p> <p>Material Construction: Dual-Flex design which can be used to create curved and complex irregular designs</p> <p>Bendable: Dual bend</p> <p>Light Effect: Soft linear lighting performance</p> <p>Compliance</p> <p>Listings: UL2108</p> <p>Environment: Suitable for use indoors and outdoors in dry, damp, or wet environments.</p>
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Technical Specifications (continued)**IP Rating:**

IP67

Certification Model Number:

TNFYY

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.

Ordering Matrix

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