



Weight: 2.6 lbs

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	40lm/ft lm
Input Watts	4.27 W/ftW	Efficacy	9

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:

40 lm/ft

Efficacy:

9lm/W

L70 Lifespan:

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

LED Characteristics

Chip Density:

36 LED/ft

Beam Angle:

120°

Color Temperature:

3000K

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:

TNFLGY

California Title 20 Compliant:

No

California Title 24 JA8 Compliant:

No

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:**

None

Mounting Accessories:

None

Compatible Drivers:

None

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		LG	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