TNFCW

Weight: 2.6 lbs

Project:	**Type:**
Prepared By:	**Date:**

Driver Info

Type	Constant Voltage, Class 2
120V	N/A
208V	N/A
240V	N/A
277V	N/A
Input Watts	4.27 W/ftW

LED Info

Watts	4.27W/ftW
Color Temp	N/A
Color Accuracy	N/A
L70 Lifespan	50,000 Hours
Lumens	218lm/ft lm
Efficacy	51

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:
218 lm/ft

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

Optical

Efficacy:
51lm/W

LED Characteristics

Chip Density:
37 LED/ft

Beam Angle:
120°

Color Temperature:
5000K

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.

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Technical Specifications (continued)

IP Rating:
IP67

Certification Model Number:
TNFCW

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.

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Ordering Matrix

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

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