# TNFYY



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 | 202lm/ft lm |
| Efficacy | 48 |

## 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:**
202 lm/ft

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

### Optical

**Fixture Efficacy:**
48lm/W

### LED Characteristics

**Chip Density:**
37 LED/ft

**Beam Angle:**
120°

**Color Temperature:**
2700K

**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:**
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.


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## Ordering Matrix

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


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