



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Voltage, Class 2	Watts	2.5W/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	250lm/ft Im
Input Watts	2.5 W/ftW	Efficacy	100

Technical Specifications

Performance

Description:

FLEXTAPE is a bendable, outdoor LED tape that provides energy-efficient lighting for both indoor and outdoor applications.

Input Wattage:

2.5W/ft

Lumens/Foot:

250 lm/ft

Efficacy:

100lm/W

L70 Lifespan:

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

LED Characteristics

Chip Density:

38 LED/ft

Beam Angle:

120°

Color Temperature:

2700K

Color Accuracy (CRI):

90 CRI

R9 Value:

High color performance with R9 greater than 60

Color Consistency:

<3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Field Cuttable Increment:

Cuttable every 2"

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:

3M Tape, aluminum profile, silicone clips

Construction

Reel Length:

100 ft

Max Run Length:

32 ft

PCB Width:

8mm

Light Source:

SMD 2835

Material Construction:

Weather-resistant, high-grade silicone cover with super-flexible bending .

Bendable:

Top bend

Light Effect:

Soft linear lighting performance

Compliance

Listings:

UL2108

Environment:

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

IP Rating:

IP67 Extrusion

IC Rated:

No

Technical Specifications (continued)**Air Tight:**

No

Energy Star Approved:

No

DLC NLC Listed:

No

DLC Listed:

This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at [designlights.org](https://www.designlights.org) to confirm the qualification status of a specific SKU prior to specification or purchase.

Certification Model Number:

TOSLYY

California Title 20 Compliant:

No

California Title 24 JA8 Compliant:

Meets certification standards

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:**

TPF2

2-Pin power feed kit

TSG

10ml Silicone glue

TOJ2

2-Pin outdoor connector kit

TOJ2L

2-Pin outdoor L-shape connector kit

Mounting Accessories:

TSC2

Silicone mounting clips

TAP15

15.5mm wide aluminum channel kits

TAP16TL

Trimless 16mm inner wide recessed aluminum profile

TAP16C

Corner 16mm wide aluminum profile

Compatible Drivers:

TID-60

Indoor 60W driver

TID-96

Indoor 96W driver

TID/B

J-box for TID driver

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](https://www.rablighting.com/warranty).

Ordering Matrix

Family	Length	Lumen Output	CRI/Color Temp	Input Voltage	IP Rating	Controls
TOS	L		YY			
	Blank = 32 ft L = 100 ft	Blank = Standard	YY = 90 CRI, 2700K Y = 90 CRI, 3000K YN = 90 CRI, 3500K N = 90 CRI, 4000K CW = 90 CRI, 5000K	Blank = 24 DC	Blank = IP67, Outdoor	Blank = None