

PURELINE Premium Outdoor COB Tape



24V DC, Outdoor-Rated COB Tape Light, Smooth, Uniform Illumination



PROJECT:

DATE:

TYPE:

PREPARED BY:



KEY FEATURES

- Upscale milky-colored silicone with matte finish and self-cleaning coating.
- Uniform, dot-free, smooth and comfortable light using COB light source.
- Easy installation on most surfaces by using pre-attached 3M® double-sided tape
- Available in static white 2700K, 3000K, 3500K, 4000K, or 5000K
- Indoor or outdoor rated drivers available (*sold separately*)
- 50,000-hr rated life, Title 24 Compliant, and 5-year limited warranty

PERFORMANCE

Catalog Number	Input Voltage	Color Temperature	Reel Length	Max Output Wattage	Max Lumens	IP Rating	CRI	Cutting Increment	Max Run
TOCY	24DC	2700K	16 ft	3.66 W/ft	249 lm/ft	IP67	90	2 in	16 ft
TOCY		3000K			263 lm/ft				
TOCYN		3500K			263 lm/ft				
TOCN		4000K			278 lm/ft				
TOCCW		5000K			278 lm/ft				

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ACCESSORIES



Catalog Number	Description	Packaging includes
TPF20C	2-Pin Outdoor PCB 10mm Connector Kits	10mm, 2-pin hard wiring



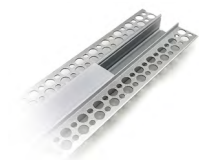
Catalog Number	Description	Packaging includes
TB12	2-Pin Outdoor PCB 10mm Connector Kits	Mounting screws included



Catalog Number	Description	Packaging includes
TAP14	14mm Wide Aluminum Channel Kits	3.28 ft length



Catalog Number	Description	Packaging includes
TOCJ2	2-Pin "L" Shape Connector	1 PCB-PCB connector 1 PCB-Wire connector + 1 end cap 1 PCB-Wire-PCB connector



Catalog Number	Description	Packaging includes
TAP16TL	Trimless Aluminum Channel	16mm width

DRIVERS



Catalog Number	Description	Max/Min Load	Input Voltage	Output Voltage	Dimmable
TID-60	60W Linear Driver	60W/6W	100-277V AC	24V DC	Yes, MLV/ELV/TRIAC*
TID-96	96W Linear Driver	96W/9.6W	100-277V AC	24V DC	Yes, MLV/ELV/TRIAC*
TOD-96	96W Linear Driver for /LCB or /RGB Tape Light	96W/9.6W	100-277V AC	24V DC	Phase (ELV/MLV/TRIAC) / 0-10V / 1-10V / 10V PWM / Potentiometer
TOD-96x2	96W Linear Driver, 2-Channel	192W/9.6W	100-277V AC	24V DC	Phase (ELV/MLV/TRIAC) / 0-10V / 1-10V / 10V PWM / Potentiometer
TOD-96x3	96W Linear Driver, 3-Channel	288W/9.6W	100-277V AC	24V DC	Phase (ELV/MLV/TRIAC) / 0-10V / 1-10V / 10V PWM / Potentiometer

* See dimmer compatibility list in this document.

TECHNICAL SPECIFICATIONS

CONSTRUCTION

Product Type

Premium COB Tape Static White Wet Rated

Width

12mm

Spool Length

16 ft

Light Source

Chips

Material Construction

Super-flexible bending, ultra-thin appearance, premium wall structure, & thicker copper PCB conductors to ensure consistency in voltage and brightness

Light Effect

Uniform, dot-free, smooth and comfortable using COB light source

Packaging

Recyclable cardboard reel packaged in anti-static paper bag

INSTALLATION

Field Cuttable Increment

2 in

Max Run Length

16 ft

Mounting

3M Tape, aluminum profile

ELECTRICAL

Dimmable

PWM Dimming Signal, dimmable down to .1% with LED Driver
(sold separately)

Input Voltage

24V DC

Operating Temperature

-4° to 113°F (-20° to 45°C)

Storage Temperature

-4° to 140°F (-20° to 60°C)

LED CHARACTERISTICS

Chip Density

480 LED/ft

Beam Angle

150°

Color Temperature

2700K, 3000K, 3500K, 4000K, 5000K

Color Accuracy (CRI)

90

R9 Value

High color performance with R9 greater than 50

Color Consistency

<5-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

COMPLIANCE

Listing

UL2108

Environment

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

IP Rating

IP67

California Title 24 JA8 Compliant

Meets certification standards

California Energy Commission (CEC) Status

Lawful for Sales in California

NEC Compliant

Suitable for use in closets when used in an enclosed extrusion based on NFPA 70, NEC section 410.16 (A)(3) and 410.16 (C)(5)

IESNA LM-79 & LM80 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

Complies with Part 15 of the FCC Rules

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.

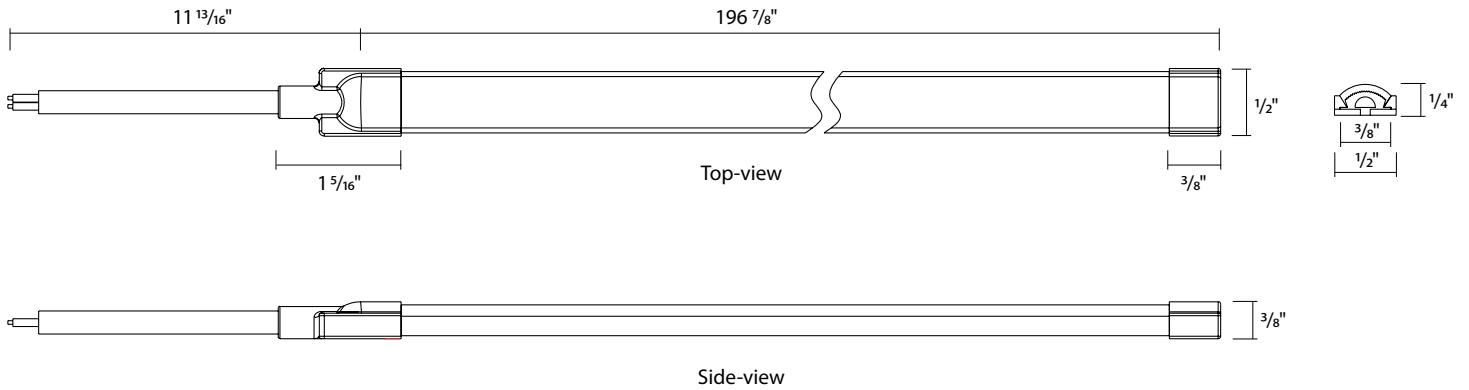
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DIMENSIONS

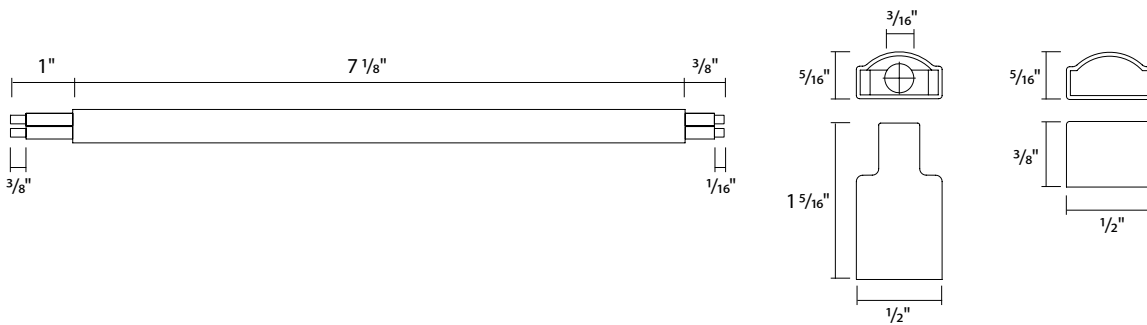
TOCY, TOCY, TOCYN, TOCN, TOCCW

Weight .88 lbs

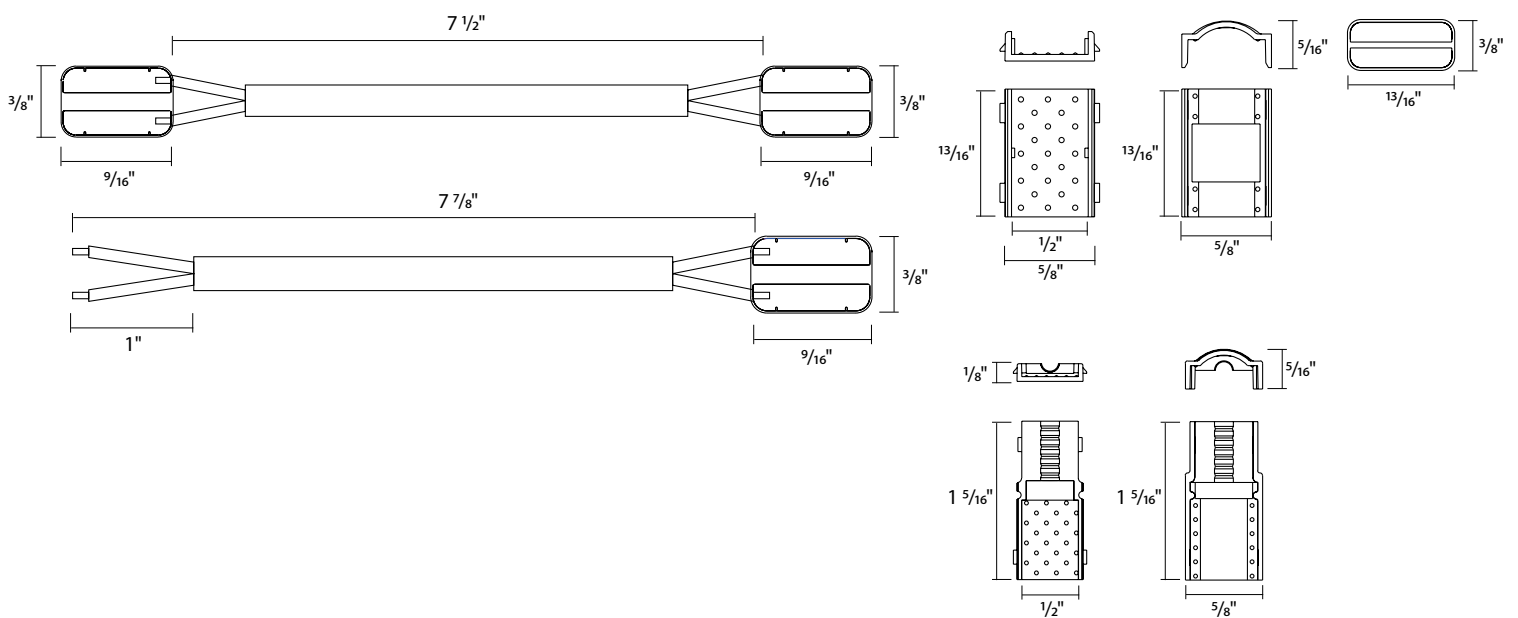


DIMENSIONS - ACCESSORIES

TPF20C



TOCJ2

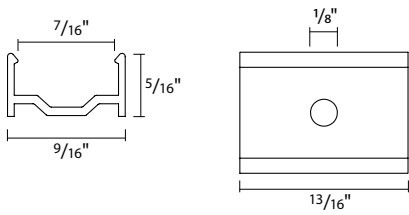


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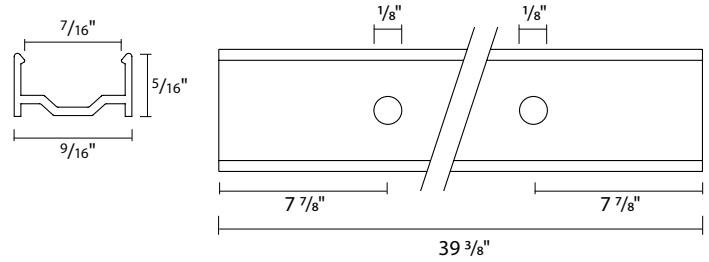


DIMENSIONS - ACCESSORIES (cont'd)

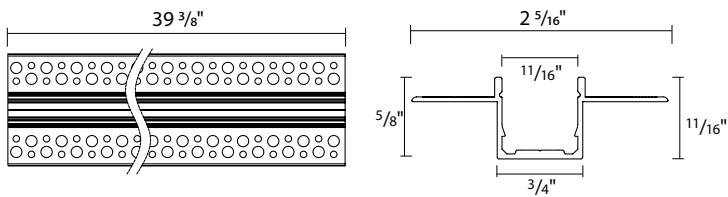
TB12



TAP14

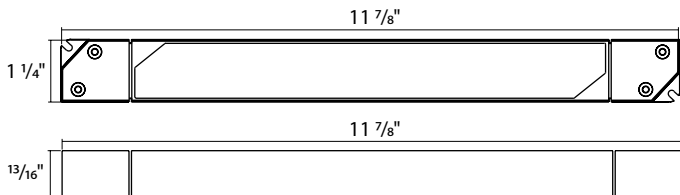


TAP16TL

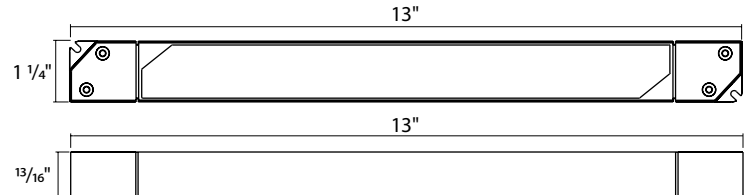


DIMENSIONS - DRIVERS

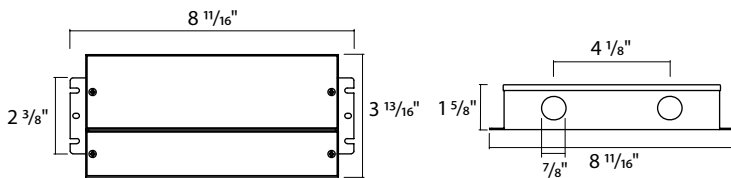
TID-60



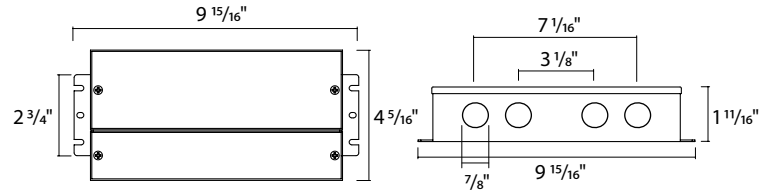
TID-96



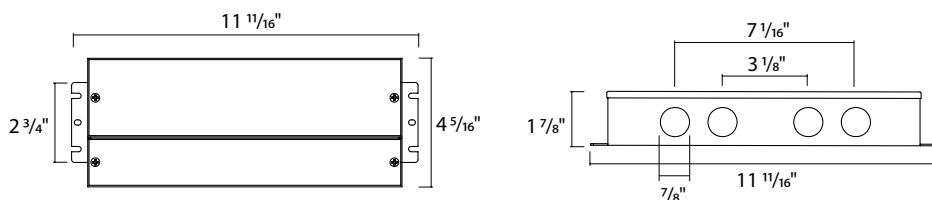
TOD-96



TOD-96X2



TOD-96X3



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ORDERING INFO

Catalog Number	UPC	Case Pack
TOCYY	192552059886	15
TOCY	192552059893	15
TOCYN	192552059909	15
TOCN	192552059916	15
TOCCW	192552059923	15

DIMMER COMPATIBILITY LIST

Dimmer Brand	Part Number	Dimmer Brand	Part Number
LUTRON	TGCL-153P	LUTRON	DVLV-600P
	MSCL-OP153M		DVCL-153P
	STCL-153M		CTCL-153P
	MACL-153M		DV-600P
	SCL-153P		CTCL-150
	DVRF-6L		LEVITON
	RCL-153PNL	DSLO6	
		RAB	XDIM/LCB[S]

ORDERING MATRIX

Family	Length	Lumen Output	Color Temperature	Input Voltage	IP Rating	Controls
TOC	Blank 16 ft	Blank Standard	YY 90 CRI, 2700K Y 90 CRI, 3000K YN 90 CRI, 3500K N 90 CRI, 4000K CW 90 CRI, 5000K	Blank 24V DC	Blank IP67, Outdoor	Blank None