

6T COB Series 24V - Tunable Tape Light and Accessories



PROJECT:	PRODUCT #:
TYPE:	DATE:
PREPARED BY:	AUTHORIZED BY*:
COMMENTS:	

OVERVIEW

The 6T Series COB Tunable Tape Light delivers flexibility and smooth illumination. Powered by advanced Chip on Board (COB) technology with phosphor coating, this tape light provides a continuous, even line of light and glow. Tunability allows for a seamless adjustment between white light, providing a full-spectrum of options and dimming capabilities to match any design concept.

FEATURES

- Available in Standard and High output in tunable color temperatures: 2700K-6500K
- The COB (Chip on Board) technology delivers a smooth, continuous line of light with no visible pixelation, delivering an even, uniform glow
- Its phosphor coating diffuses light for seamless illumination along the entire tape length
- Extended run length up to 49.2 feet on a single run
- Customizable design allows the tape light to be cut and reconnected every 2 inches for layouts that need flexible installation options
- Low-profile and versatile style is perfect for under cabinets, coves, and shelves
- 24V Dry Rated is ideal for most indoor applications

SPECIFICATIONS

ELECTRICAL

Input Voltage	24VDC
Input Current	4A (Max)
Power	See Data Table
Connector	Low Profile Crimp Connector

PHOTOMETRICS

Color Temperature(s)	Tunable 2700K - 6500K
Color Rendering Index (CRI)	90 (Min), R9>50 at 3000K
Dimmable	Yes (with 1TUNLCTRBK or 1TUNWCTRBK)
Lumen Packages	See Data Table

RATINGS & CERTIFICATIONS

Location Rating	Dry
Operating Ambient Temperature	0°C – 50°C
Storage Ambient Temperature	-30°C – 85°C
Lumen Maintenance	L70 at >50,000 Hrs calculated per TM-21/LM-80
Safety Certification	cULus Listed, Class 2

MECHANICAL

Length	See ordering information table
Cut Length	2 inches on marked lines
Max Run Length	See Data Table
Width	8mm
Height	2.5mm (Tape with connector base; connector accessory will add height)

MOUNTING

Adhesive: 3M™ VHB

OPTICS

Beam Angle: 115° Avg.

WARRANTY

5yr Residential / 3yr Commercial




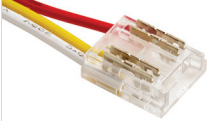
ACCESSORIES



See COB Series Connector Accessories

*A Kichler Lighting representative can assist with a proposed spec

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Tunable TAPE LIGHT			
		6COB116STUNWH	6COB116HTUNWH
LIGHT OUTPUT	Color Temp	Tunable 2700K-6500K	
	Watts Per Ft.	Standard Output - 1.8W Per Ft.	High Output - 3W Per Ft.
	CRI	90	
	Delivered Lumens	150lm Per Ft.	250lm Per Ft.
	Dimmable	Yes (0%-100%)	
SIZE	Length	16.4' Roll	
	Width	0.31" (8mm)	
INSTALLATION	Location	Dry	
	Max Run Length	49.2' standard output	32.8' high output
	Cut Length	Every 2"	

Tunable Crimp CONNECTORS				
	1CTCOB90CLR	1CTCOBTTCLR	1CTCOBTWCLR	1CTCOBTWSCLR
Connection Type	Tape to Tape 90°	Tape to Tape	Tape to Wire	Tape to Supply Lead
Compatible Tape Light	6T COB Series 24V - Tunable			
Compatible Power Supplies	6TD 24V 6DD 24V 8TD 24V			

Tunable CONTROLS			
	1TUNLCTRBK	1TUNWCTRBK	1DMXDBK
Description	<p>TUNABLE IN-LINE CONTROLLER</p> <p>The Tunable In-line Controller is a small profile controller that allows for CCT tuning, dimming, and power control. With seven preset CCT options ranging from 2700K to 6500K, you are sure to find the ideal color temperature.</p>	<p>TUNABLE WALL CONTROLLER</p> <p>Touch panel wall control allows for full CCT tuning from 2700K - 6500K. Designed to control up to four separate zones, allowing you to create custom lighting effects based on the area and space. This wall control installs into a single-gang junction box and works with 1DMXDWH decoder.</p>	<p>DMX 512 DECODER</p> <p>Designed to control the CCT tuning of the tape light. Compact and easy to install. Link multiples together via DMX 512 cables (sold separately). Control multiple zones simultaneously from one decoder or individual zones with separate decoders per zone.</p>
Dimensions	0.5"H x 0.75"W x 2.55"L	4.75"H x 3"W	1.5"H x 4.5"W x 5"L
Compatible Tape Light	6T COB Series 24V TUNABLE		
Compatible Power Supplies	6TD 24V 6DD 24V 8TD 24V		

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6T COB TAPE PRODUCT NAME & ORDERING MATRIX

Series		Location Rating		Length		Output		CCT		Finish	
6COB	Premium Residential Tunable COB	1	Dry	16	16'	S	Standard	TUN	Tunable	WH	White
						H	High				

To form a complete product number, combine:

Series + Location Rating + 2 to 3-Digit Length + Output + 2-Digit CCT + Finish = **6COB 1 16 S TUN WH**

ADDITIONAL COMPONENTS

The ability to build a lighting system is one of the many things that makes low-voltage LED tape and accent lighting so versatile. With the right components, you can install lighting just about anywhere your supply wire can take you, including residential installations on kitchen cabinets, garage work stations, shelving and decorative spaces. **To build your system, you'll need:**

1
Select your
Tape Light



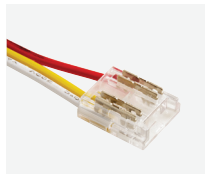
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2
Select your
Power Supply



+

3
Select Supply Leads
and/or Interconnects



+

4
Utilize
Accessories



+

5
Utilize
Controls

