

6T COB Series 24V – Dry-Rated Tape Light and Accessories



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

OVERVIEW

The 6T Series COB Dry Tape Light delivers a smooth, seamless illumination for a refined look. Using advanced Chip on Board (COB) technology with a phosphor coating, it eliminates the pixelated appearance of traditional tape lighting and provides an even, continuous glow. With an array of models available, this tape light is suitable for diverse indoor design aesthetics, from warm, inviting environments to crisp, modern spaces.

FEATURES

- Available in Standard and High output in 3 color temperatures: 2700K, 3000K, 4000K
- 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 lengths 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, covers and shelves
- 24V Dry Rated and is ideal for most indoor applications

SPECIFICATIONS

ELECTRICAL

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

PHOTOMETRICS

Color Temperature(s)	2700K / 3000K / 4000K
Color Rendering Index (CRI)	90 (Min), R9>50
Dimmable	Yes (With Compatible Low Voltage 24V Power Supplies)
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




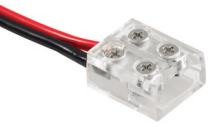
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Standard Output TAPE LIGHT							
		6COB116S27WH	6COB116S30WH	6COB116S40WH	6COB1100S27WH	6COB1100S30WH	6COB1100S40WH
LIGHT OUTPUT	Color Temp	2700K	3000K	4000K	2700K	3000K	4000K
	Watt Per Ft.	1.8W Per Ft.					
	CRI	90					
	Delivered Lumens	150lm Per Ft.					
	Dimmable	Yes (10%-100%)					
SIZE	Length	16.4' Roll			100' Roll		
	Width	0.31" (7.9mm)					
INSTALLATION	Location	Dry					
	Max Run Length	49.2ft					
	Cut Length	Every 2"					

HIGH OUTPUT TAPE LIGHT							
		6COB116H27WH	6COB116H30WH	6COB116H40WH	6COB1100H27WH	6COB1100H30WH	6COB1100H40WH
LIGHT OUTPUT	Color Temp	2700K	3000K	4000K	2700K	3000K	4000K
	Watt Per Ft.	3W Per Ft.					
	CRI	90					
	Delivered Lumens	250lm Per Ft.					
	Dimmable	Yes (10%-100%)					
SIZE	Length	16.4' Roll			100' Roll		
	Width	0.31" (7.9mm)					
INSTALLATION	Location	Dry					
	Max Run Length	32.8ft					
	Cut Length	Every 2"					

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<p>Low Profile Crimp CONNECTORS</p> <p><i>Compatible with All TE Series Channels</i></p>				
	1CCOB90CLR	1CCOBTCLR	1CCOBTWCLR	1CCOBTWSCLR
Connection Type	Tape to Tape 90°	Tape to Tape	Tape to Wire	Tape to Supply Lead
Compatible Tape Light	6T COB Series 24V DRY-RATED			
Compatible Power Supplies	6TD 24V 6DD 24V 8TD 24V			

<p>Terminal Block CONNECTORS</p>				
	1TBCOB90CLR	1TBCOBTCLR	1TBCOBTWCLR	1TBCOBTWSCLR
Connection Type	Tape to Tape 90°	Tape to Tape	Tape to Wire	Tape to Supply Lead
Compatible Tape Light	6T COB Series 24V DRY-RATED			
Compatible Power Supplies	6TD 24V 6DD 24V 8TD 24V			

6T COB TAPE PRODUCT NAME & ORDERING MATRIX

Series		Location Rating		Length		Output		CCT		Finish	
6COB	Premium Residential COB	1	Dry	16	16'	S	Standard	27	2700K	WH	White
						H	High	30	3000K		
								40	4000K		

To form a complete product number, combine:

Series + Location Rating + 2 to 3-Digit Length + Output + 2-Digit CCT + Finish = **6COB 1 16 S 27 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



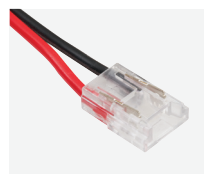
+

2
Select your
Power Supply



+

3
Select Supply Leads
and/or Interconnects



+

4
Utilize
Accessories



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