

# 6T COB Series 24V - Wet-Rated Tape Light and Accessories



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

## OVERVIEW

The 6T Series COB Wet Tape Light delivers a smooth, seamless illumination for a refined look. Suitable for outdoor and wet environments, this tape light uses advanced Chip on Board (COB) technology with a phosphor coating for an even, continuous glow. This tape light adapts to diverse design aesthetics, from warm, inviting environments to crisp and modern outdoor spaces.

## FEATURES

- Available in Standard and High output in 2 color temperatures: 2700K, 3000K
- 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 showers, outdoor kitchens and retaining walls
- UL Wet Location listing and IP65 rating assure a safe and dependable product for outdoor or wet location use

## SPECIFICATIONS

### ELECTRICAL

Input Voltage	24VDC
Input Current	4A (Max)
Power	See Data Table
Connector	2-Piece Crimp Connector

### PHOTOMETRICS

Color Temperature(s)	2700K / 3000K
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	Wet
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	9.9mm
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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Wet-Rated TAPE LIGHT					
		6COB316S27WH	6COB316S30WH	6COB316H27WH	6COB316H30WH
LIGHT OUTPUT	Color Temp	2700K	3000K	2700K	3000K
	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 (10%-100%)			
SIZE	Length	16.4' Roll			
	Width	0.39" (9.9mm)			
INSTALLATION	Location	Wet			
	Max Run Length	49.2' for Standard Output		32.8' for High Output	
	Cut Length	Every 2"			

Wet-Rated ACCESSORIES							
	3CTTWH	3CTWS6WH	3J6WH	3J15WH	3J24WH	3ECCLR	3CLIPCLR
Description	Tape to Tape Connector	Tape to Wire Connector	Jumper 6"	Jumper 15"	Jumper 24"	End Cap	Clip
Compatible Tape Light	6T COB Series WET-RATED						
Compatible Power Supplies	8TD24V060BKT   8TD24V090BKT   6TD24V096BKTV2   6TD24V060BKTV2 6TD24V40BKT   6TD24V10BKT   6DD24V100W   6DD24V060W						

Wet tape can work with 6 Series 24V Power Power supplies when they are installed in damp (outdoor covered) or dry (indoors) locations. Utilize silicone with connectors to prevent water ingress.

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## 6T COB TAPE PRODUCT NAME & ORDERING MATRIX

Series		Location Rating		Length		Output		CCT		Finish	
6COB	Premium Residential COB	3	Wet	16*	16'	S	Standard	27	2700K	WH	White
						H	High	30	3000K		

To form a complete product number, combine:

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

