



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

OVERVIEW

A low voltage design and the ability to cut to 2" increments makes the 4T Series ideal for short runs and smaller spaces, like lining shelves or cabinets.

FEATURES

- Available in Standard and High output in 2 color temperatures: 2700K and 3000K
- 16' & 100' rolls available
- Maximum run length: 16' Standard, 16' High
- Field-cutttable on marked cut lines
- 3M adhesive backing

SPECIFICATIONS

Electrical

Input Voltage	12VDC
Power	See Data Table

Photometrics

Light Source	2835 LED
LEDs per Foot	18
Color Temperature(s)	2700K/3000K
Color Rendering Index (CRI)	> 90
Dimmable	Yes (when paired with appropriate dimmable
Kichler	Power Supply)
Lumen Packages	See Data Table

Ratings & Certifications

Location Rating	Dry
Operating Ambient Temperature	-10°C to 50°C
Storage Ambient Temperature	-30°C to +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"
Max Run Length	Standard - 16'; High - 16'
Width	10 mm
Height	1.2mm

Mounting

Adhesive: 3M™ 9495MP

Warranty

Residential: 3 years
Commercial: 1 year

Accessories

See 4T Accessories

*A Kichler Lighting representative can assist with a proposed Spec

STANDARD VS. HIGH OUTPUT

Output	Max Run Length	Watts/Foot	Lumens/Foot	
			2700K	3000K
Standard	16ft	1.5	120	130
High	16ft	3	210	240

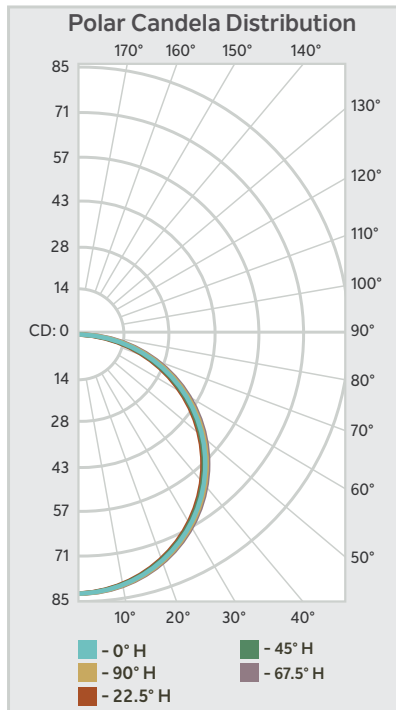
4T TAPE PRODUCT NAME & ORDERING MATRIX

Series		Product Type		Location Rating		Length		Output		CCT		Finish	
4	Residential	T	Tape Light	1	Dry	16	16'	S	Standard	27	2700K	WH	White
						100	100'	H	High	30	3000K		

To form a complete product number, combine:

Series + Product Type + Location Rating + 2-3 Digit Length + Output + 2-Digit CCT + Finish = **4 T 116 H 27 WH**

PHOTOMETRIC DIAGRAMS



	Illuminance at a Distance	
	Center Beam fc	Beam Width
1.0ft	82.5 fc	3.1 ft
2.0ft	20.6 fc	6.2 ft
3.0ft	9.17 fc	9.3 ft
4.0ft	5.16 fc	12.5 ft
5.0ft	3.30 fc	15.6 ft
6.0ft	2.29 fc	18.7 ft

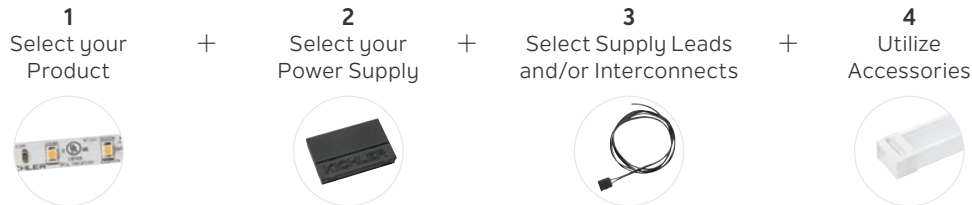
■ Vert. Spread: 114.6°
■ Horiz. Spread: 114.7°

3000K High Output shown here.
For more IES file information visit Kichler.com.

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 in residential applications, such as lining shelves or cabinets and for short runs. To build your system, you'll need:

Product + Power Supply + Supply Leads and Interconnects + Accessories = Lighting System



Below are components frequently purchased together to create an accent lighting system. Utilize this guide to draft a quick spec, or refer to [Tape and Channels assortment](#) for additional sizes or models available.

LED TAPE LIGHT			
4T 12V LED Tape Light – 16' Roll		4T 12V LED Tape Light – 100' Roll	
Standard Output	High Output	Standard Output	High Output
2700K - 120lm 4T116S27WH	2700K - 210lm 4T116H27WH	2700K - 120lm 4T1100S27WH	2700K - 210lm 4T1100H27WH
3000K - 130lm 4T116S30WH	3000K - 240lm 4T116H30WH	3000K - 130lm 4T1100S30WH	3000K - 240lm 4T1100H30WH

POWER SUPPLIES	SUPPLY LEADS & CONNECTORS		ACCESSORIES	
Plug-In 4TP12V30BK – 30W 4TP12V60BK – 60W Direct Wire Dimmable 4TD12V40BKT – 40W 4TD12V60BKT – 60W LED Driver + Dimmer 4DD12V040WH 40W with white face plate 4DD12V060WH - 60W with white face plate	2' DC Jack 1SL2WH – 12V 8' DC Jack 1SL8WH – 12V 2' Supply No DC Connector 1SLW2WH – 12V 8' Supply No DC Connector 1SLW8WH – 12V Splice Box 10189BK – 12V 10189WH – 12V	Inline Dimmer 10198BK – 24V 10198WH – 24V Inline DC Splitter 2-Way DC Splitter 1DC2BK – 12V 1DC2WH – 12V 3-Way DC Splitter 1DC3BK – 12V 1DC3WH – 12V Switches 1DCSWITCHBK – 12V 1DCSWITCHWH – 12V	TE-Series Extruded Channels for Tape Light Standard Depth Surface Mount Kits 1TEK1STSF2SIL – 2' 1TEK1STSF4SIL – 4' 1TEK1STSF8SIL – 8' Standard Depth Recessed Mount Kits 1TEK1STRC2SIL – 2' 1TEK1STRC4SIL – 4' 1TEK1STRC8SIL – 8' 45-Degree Surface Mount Kits 1TEK145SF2SIL – 2' 1TEK145SF4SIL – 4' 1TEK145SF8SIL – 8' 90° Aluminum Track 10171 BK, WH – 12" 10170 BK, WH – 36"	90° End Caps 10177 BK, WH 45° Aluminum Track 10173BK, WH – 12" 10172 BK, WH – 36" 45° End Caps 10178 BK, WH U-Channels Aluminum Track 10175 BK, WH – 12" 10174 BK, WH – 36" U-Channels End Caps 10176 BK, WH Diffuser 10179 BK, WH – 36" Plastic Track 12330 BK, WH – 36"

© 2020 Kichler Lighting LLC. All Rights Reserved. | LS19006-4T