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

COMMENTS:

OVERVIEW

Choose your color temperature, your ideal wattage and more. The 6T Series brings a lengthy run of illumination to a variety of dry locations and features 3M™ adhesive backing for secure placement, every time.

FEATURES

- Available in Standard and High output in 3 color temperatures: 2700K, 3000K, 5000K
- An assortment of rolls ranging from 10' to 100' available
- Maximum run length: 32' Standard, 20' High
- Field-cuttable on marked cut lines
- Edge-to-edge 3M™ adhesive

SPECIFICATIONS

Electrical

Input Voltage	24VDC
Power	See Data Table

Photometics

Light Source	2835 LED
LEDs per Foot	18
Color Temperature(s)	2700K/3000K/5000K
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	4"
Max Run Length	Standard - 32'; High - 20'
Width	10 mm
Height	1.2mm

Mounting

Adhesive: 3M™ 5915

Warranty

Residential: 5 years
Commercial: 3 years

Accessories

See 6T Accessories

*A Kichler Lighting representative can assist with a proposed Spec

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STANDARD VS. HIGH OUTPUT

Output	Max Run Length	Watts/Foot	Lumens/Foot		
			2700K	**3000K**	**5000K**
Standard	32ft	1.5	120	125	145
High	20ft	3	215	245	270

6T TAPE PRODUCT NAME & ORDERING MATRIX

Series		Product Type		Location Rating		Length		Output		CCT		Finish	
6	Premium Residential	**T**	Tape Light	**1**	Dry	**10**	10'	**S**	Standard	**27**	2700K	**WH**	White
						16*	16'	**H**	High	**30**	3000K		
						20**	20'			**50**	5000K		
						100	100'						
						*16ft standard output only **20ft high output only							

To form a complete product number, combine:

Series **+** Product Type **+** Location Rating **+** 2 to 3-Digit Length **+** Output **+** 2-Digit CCT **+** Finish = **6 T 1 1 0 0 S 27 WH**

PHOTOMETRIC DIAGRAMS

Polar Candela Distribution

- – 0° H
- – 90° H
- – 22.5° H
- – 45° H
- – 67.5° H

Illuminance at a Distance

	Center Beam fc	Beam Width	
1.0ft	84.5 fc	3.1 ft	3.1 ft
2.0ft	21.1 fc	6.2 ft	6.2 ft
3.0ft	9.39 fc	9.3 ft	9.3 ft
4.0ft	5.28 fc	12.4 ft	12.4 ft
5.0ft	3.38 fc	15.5 ft	15.5 ft
6.0ft	2.35 fc	18.6 ft	18.6 ft

- **Vert. Spread: 114.3°**
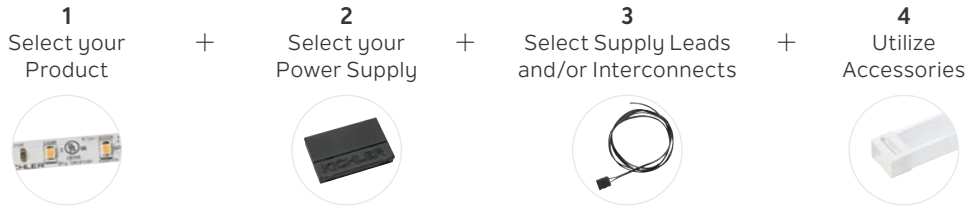- **Horiz. Spread: 114.4°**
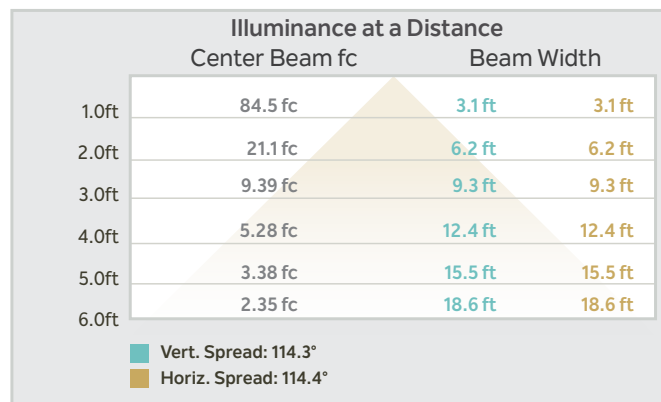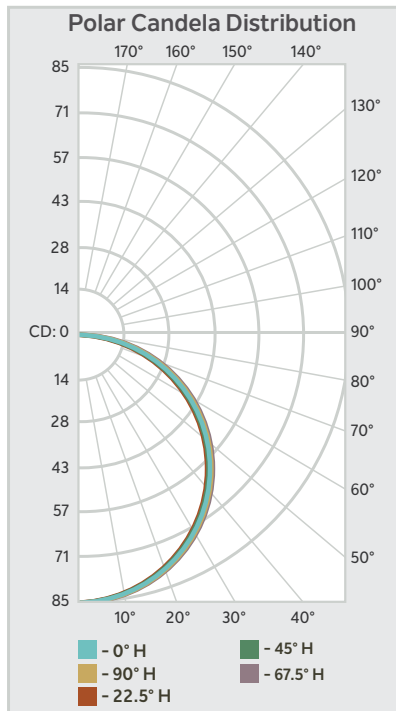
3000K High Output shown here.
For more IES file information visit Kichler.com.

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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:

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

| **1** Select your Product | + | **2** Select your Power Supply | + | **3** Select Supply Leads and/or Interconnects | + | **4** Utilize Accessories |

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							
6T 24V LED Tape Light – 10' Roll		**6T 24V LED Tape Light – 16' Roll**		**6T 24V LED Tape Light – 20' Roll**		**6T 24V LED Tape Light – 100' Roll**	
Standard Output	High Output	Standard Output	High Output	Standard Output	High Output	Standard Output	High Output
2700K - 120lm **6T110S27 WH**	2700K - 215lm **6T110H27 WH**	2700K - 120lm **6T116S27 WH**	---	---	2700K - 215lm **6T120H27 WH**	2700K - 120lm **6T1100S27 WH**	2700K - 215lm **6T1100H27 WH**
3000K - 125lm **6T110S30 WH**	3000K - 245lm **6T110H30 WH**	3000K - 125lm **6T116S30 WH**	---	---	3000K - 245lm **6T120H30 WH**	3000K - 125lm **6T1100S30 WH**	3000K - 245lm **6T1100H30 WH**
---	---	5000K - 145lm **6T116S50 WH**	---	---	5000K - 270lm **6T120H50 WH**	5000K - 145lm **6T1100S50 WH**	5000K - 270lm **6T1100H50 WH**

POWER SUPPLIES

Plug-In
10190BK30 – 30W
10190BK48 – 48W
10190BK60 – 60W

Direct Wire Dimmable
6TD24V10BKT – 10W
6TD24V40BKT – 40W
6TD24V60BKT – 60W
6TD24V96BKT – 96W

LED Driver + Dimmer
6DD24V060WH
60W with white face plate

6DD24V0100WH –
100W with white face plate

SUPPLY LEADS & CONNECTORS

2' DC Jack
1SL2BK – 24V
1SL2WH – 24V

8' DC Jack
1SL8BK – 24V
1SL8WH – 24V

2' Supply
No DC Connector
1SLW2WH – 24V

8' Supply
No DC Connector
1SLW8BK – 24V
1SLW8WH – 24V

Splice Box
10189BK – 24V
10189WH – 24V

Inline Dimmer
10198BK – 24V
10198WH – 24V

Inline DC Splitter
2-Way DC Splitter
1DC2BK – 24V
1DC2WH – 24V

3-Way DC Splitter
1DC3BK – 24V
1DC3WH – 24V

Switches
1DCSWITCHBK – 24V
1DCSWITCHWH – 24V

ACCESSORIES

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 – 12"

Diffuser
10179 BK, WH –36"

Plastic Track
12330 BK, WH –36"

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