

ZIG Beam Cool

LED TAPE LIGHT

DESCRIPTION

Our ZGBC Tape Light is the world's first miter-able tape light. It sets the standard for performance and superior quality. All PreciseLED tape light products feature a flexible copper core and are cut and soldered to specified length in our factory. PreciseLED tape lights additionally have best-in-class color rendering, color consistency, and, when combined with our dimming drivers, dimming and flickering performance.

SPECIFICATIONS

- Voltage: 24V
- Watts per foot: 6 W/ft
- Average Lumens per foot: 428 Lm/ft
- 2016 LED's
- 140 diodes/foot
- Dimmable using dimmable driver
- Backed with 3M Adhesive
- Ambient Temperature: -4°F ~ +113°F
- Humidity: 40% ~ 70% R
- IP Protection: IP20
- Tail end field cuttable every 1.2 Inches
- 50,000 Hours Lamp Life
- Max Run: 12.8 Feet
- 3 Step Binning
- CRI ≥ 95 , R_a ≥ 95 , R_g ≥ 100
- 5 Year Warranty
- Patent Pending
- UL listed



ORDERING CODE

Example: **ZGBC-16'-24V-95C-30K-14TAIW-15DG**

Product	Spool Length	Volts	CRI	Color Temperature	Wiring Configurations
ZGBC	'ft "in Custom Length* Note: Leave blank when ordering connectors	24V- 24 Volts	95C ≥ 95CRI	27K 2700K 30K 3000K 35K 3500K 40K 4000K	JUMP Tail jumper cable PLGF Female connector (2.1MM DC) PLGM Male connector (2.1MM DC) LEAW* Custom lead wire TAIW* Custom tail wire REAR Rear feed *Custom length: inches

Connectors		Extender	Special Extender
15DG 15 degree 30DG 30 degree 45DG 45 degree 135DGO 135 degree outer PCNT Plus connector	15DGR 15 degree reversed 30DGR 30 degree reversed 45DGR 45 degree reversed 135DGI 135 degree inner	LEXT Extender	ZGBC-UEXT Extender (unlit)
Note: Select module that is closest to desired angle, fixture will be powered from opposite ends of both runs. See Page 2 .			

*Equation for calculating length of tapelight for turns:
L = 1.2"X + 1"

For left turns, X is any positive even number.
For right turns, X is any positive odd number.

COMPATIBLE TAPE LIGHT DRIVERS

Lutron Dimming Drivers 	Wet Location 0-10V Dimmable Drivers 	Magnetic Dimming Drivers 	Wet Location Non-Dimming Drivers 	Plug-In Drivers
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Click [here](#) for a more detailed driver overview.

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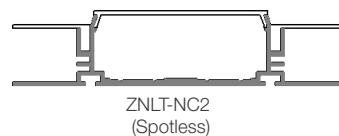
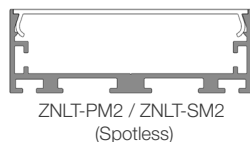
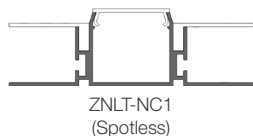
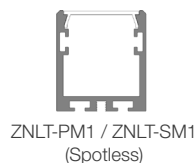
LED TAPE LIGHT

preciseLED
Precision Through Innovation

Project Name:

Fixture Type:

COMPATIBLE TAPE LIGHT CHANNELS

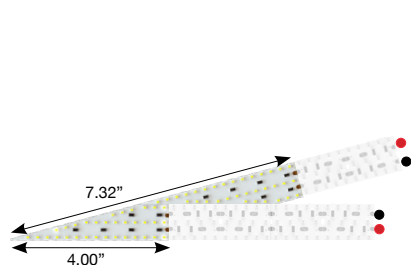


Click [here](#) to view our tape light channels

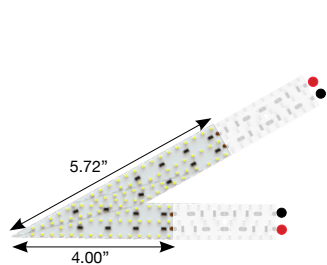
TYPES OF ZIGBEAM TAPE

These are the available types of Zig Beam configurations to accommodate for different assemblies.

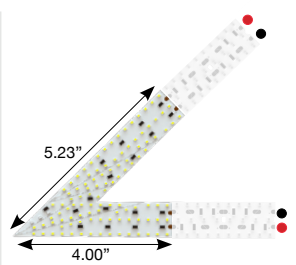
● Positive ● Negative



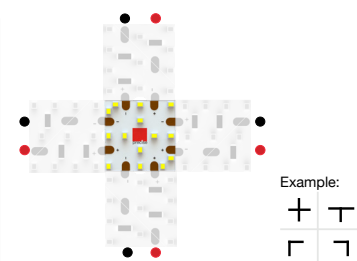
15 Degree Angle
Purpose: For 15 degree angles or turns.
Part #: ZGBC-15DG



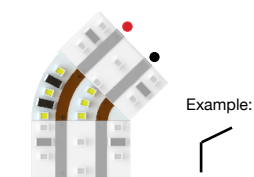
30 Degree Angle
Purpose: For 30 degree angles or turns.
Part #: ZGBC-30DG



45 Degree Angle
Purpose: For 45 degree angles or turns.
Part #: ZGBC-45DG

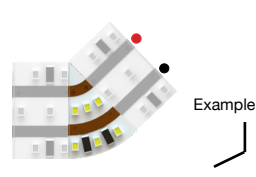


Plus Connector
Purpose: For 90 degree turns, 3 way connections, and 4 way connections.
Part #: ZGBC-PCNT



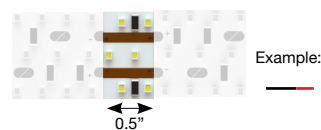
Example:

135 Degree Angle Outer
Purpose: For 135 degree angles or turns, with positive terminal on outer curve.
Part #: ZGBC-135DO



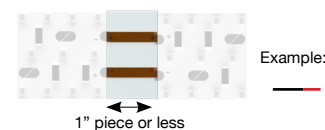
Example:

135 Degree Angle Inner
Purpose: For 135 degree angles or turns, with positive terminal on inner curve.
Part #: ZGBC-135DI



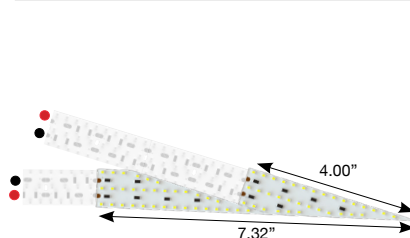
Example:

Extender
Purpose: To extend the distance of the tapelight.
Part #: ZGBC-LEXT

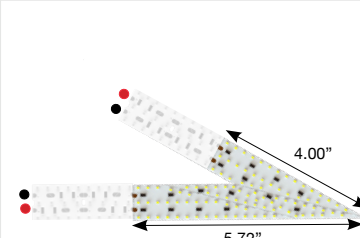


Example:

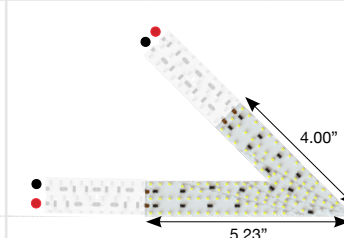
Extender (Unlit)
Purpose: To extend the distance of the tapelight. Extender is unlit.
Part #: ZGBC-UEXT



15 Degree Angle Reversed
Purpose: For 15 degree angles or turns.
Part #: ZGBC-15DGR



30 Degree Angle Reversed
Purpose: For 30 degree angles or turns.
Part #: ZGBC-30DGR



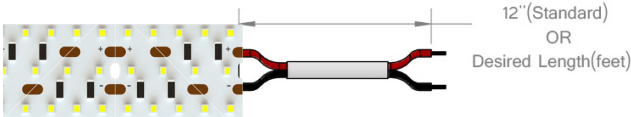
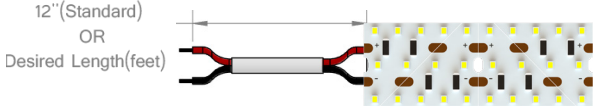



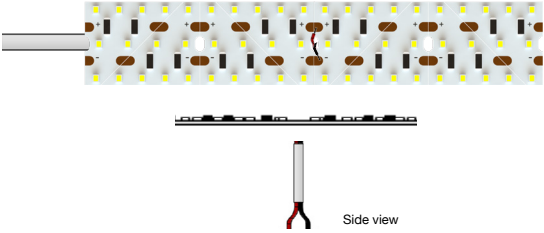
45 Degree Angle Reversed
Purpose: For 45 degree angles or turns.
Part #: ZGBC-45DGR

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Project Name:

Fixture Type:

Optional Wiring Configurations	Description	Ordering Code
	Custom Tail Wire Length	TAIW
	Custom Lead Wire Length	LEAW
	Tail Jumper Cable	JUMP
	2.1MM DC CONNECTOR (FEMALE)	PLGF
	2.1MM DC CONNECTOR (MALE)	PLGM
	Rear Feed	REAR

*Default wire length is 12", no number in front of ordering code indicates default length

Note: Solder points are secured with cable grips.

ORDERING CODE

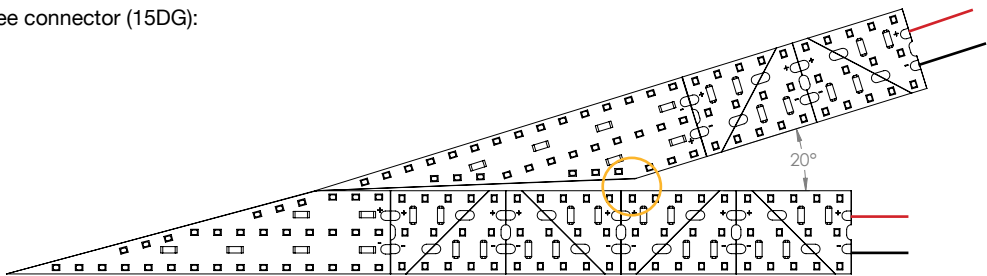
Example: ZGBC-16'-24V-95C-30K-14TAIW

■ EXAMPLE OF OFF ANGLED CONNECTION

When the closest angle is chosen, from the available types of connectors, the connection will not be live and the fixture will be powered from opposite ends of both runs.

20 degree angle

Made with 15 degree connector (15DG):



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Project Name:

Fixture Type:

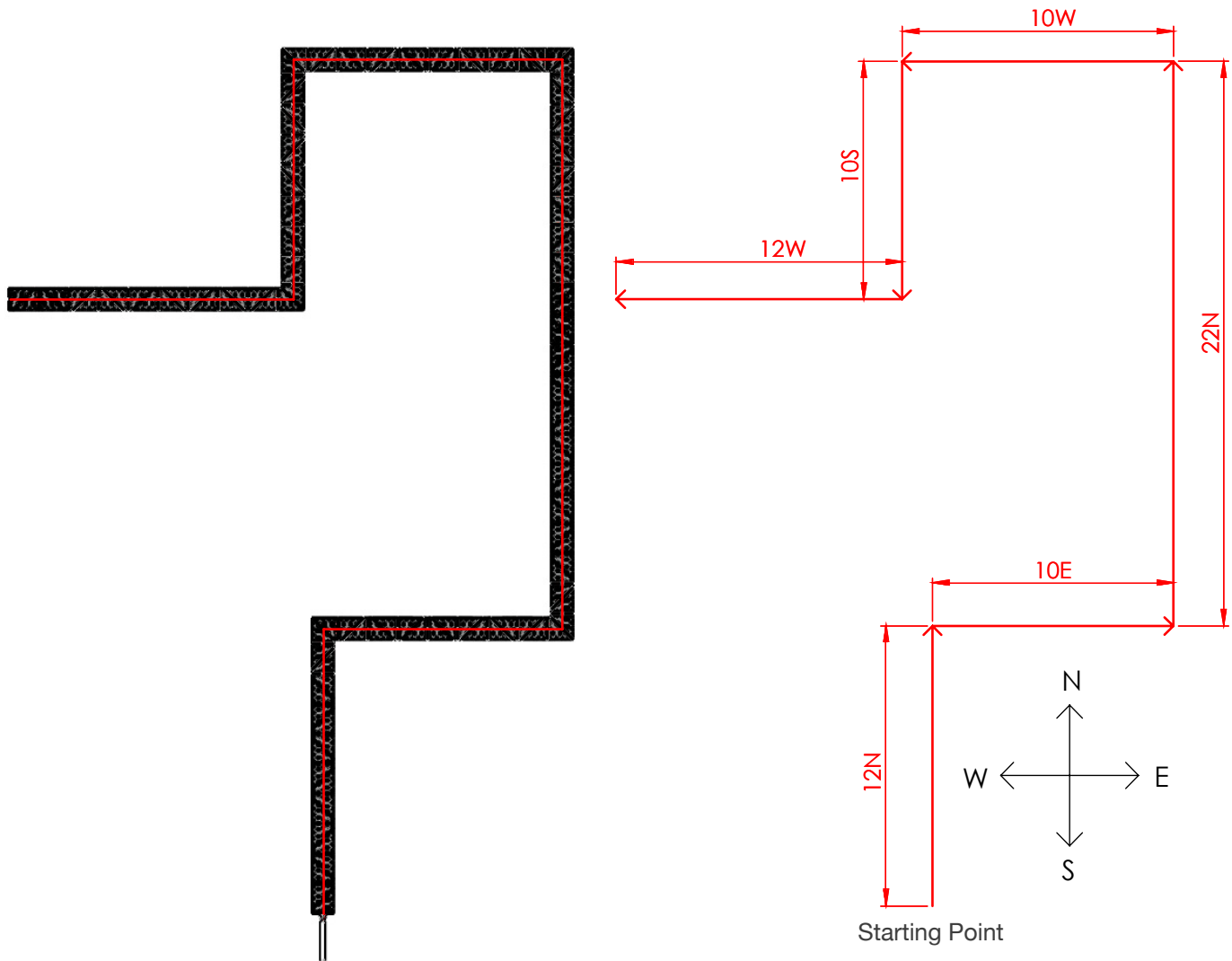
Straight runs: Enter the length in inches in the chart above.

Example: ZGBC-72-24V-95C-30K

Custom runs: Enter the length in inches beginning from the starting point and use N, S, E, W, after the length to indicate direction. See example diagram below.

Example: ZGBC-12N-10E-22N-10W-10S-12W-24V-95C-30K

Note: The given measurement will be applied to the center of the tape light as in the diagram below and will be rounded to the next cuttable increment.



■ MINIMUM DIMENSIONS

