

ZENLITE® SM1 ZIG-ZAG

Surface Mount LED Lighting System

preciseLED
Precision Through Innovation

DESCRIPTION

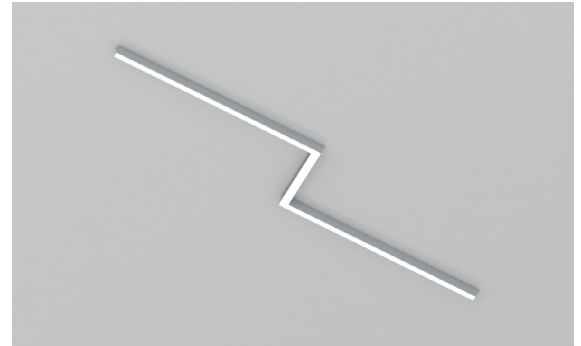
ZENLITE® SM1 ZIG-ZAG is a surface mount LED Lighting System that can be combined with ZENLITE® pendant as well as recessed to form a continuous and seamless light. This design allows for projection of clean horizontal, vertical and diagonal lines of light.

SPECIFICATIONS

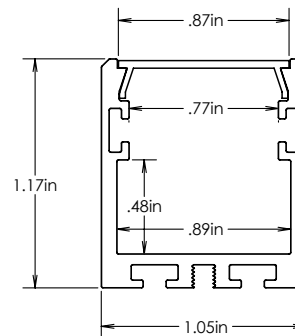
- Dimensions: 1.05"W x 1.17" H
- Materials: Aluminum/PVC/Zinc/LED Module
- Ambient Temperature: -4°F ~ +113°F
- Dimmable
- IP Protection: IP20
- 50,000 Hours Lamp Life
- CRI ≥ 95
- 5 Year Warranty
- US & International Patents Pending
- UL Listed  for damp Location (Walls and Ceilings)

Project Name:

Fixture Type:



DIMENSIONS



LUMEN OUTPUT PERFORMANCE TABLE

Light Module	Color Temperature			
	2700K	3000K	3500K	4000K
ZGBL (2 W/ft)	77.70 lm	80.03 lm	81.28 lm	83.13 lm
ZGBM (4.4 W/ft)	155.58 lm	162.59 lm	167.3 lm	178.71 lm

ORDERING CODE

Example: **ZLZG-SM1-14-2HIBE-24V-90C-27K-DLNS-MG**

Product	Length	Light Module Cuttable Length Watts Per Feet	Voltage	CRI
ZLZG-SM1			24V	95C
ZLZG-SM1	XX Length in feet Max length of a Tapelight segment: (Based on Class 2 Circuit Adherence) ZGBL, ZGBM, HRGB- 17.5 Feet HRGBW- 13.12 Feet (Longer lengths are possible. Consult info@PreciesLED.com)	ZGBL Zigbeam Low 1.2 inch 2 W/ft ZGBM Zigbeam 1.2 inch 4.4 W/ft HRGB Hi Beam RGB 3.94 inch 4.4 W/ft * HRGBW Hi Beam RGBW 2.49 inch 5.9 W/ft * * 95 CRI does not apply	24V- 24V	95C ≥ 95 CRI

Color Temperature	Lens	Housing Finish	Driver
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27K 2700K 30K 3000K 35K 3500K 40K 4000K	CLNS Clear (1.13) * DLNS Diffused OLNS Opal (0.74) * * Lumens/Foot get multiplied with the factor in parenthesis	WH White Powder Coated (Default) BK Black Powder Coated XX Custom Color * RAL#:	MG (1% Magnetic Dimming) ZO (1% 0-10V Dimming) NN Non Dimming L3 Lutron Hi-lume 1% 3-wire/ EcoSystem (40W max.) LP Lutron Hi-lume Premier 0.1% FadeToBlack Eco System/3-wire
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SPECIFICATIONS

LED SYSTEM

- LED ENGINE: 2700K, 3000K, 3500K, 4000K
ZIGBEAM: World's first miter-able tape light and dimmable using a dimmable driver. It displays a clean line of light at the surface of the lens.
- CRI: Minimum 95 color rendering index
- COLOR CONSISTENCY: 3-step binning LEDs
- OPTICS: Polycarbonate lens with clear, diffused, or opal lens available and field changeable. Able to run continuously up to 40ft for straight installations.

ELECTRICAL

- STANDARD DRIVER: 120-277VAC, drivers are mounted remotely.
MG: Forward phase 1% magnetic low voltage dimming (dims down to 1%) and flicker free
ZO: 1% 0-10V dimming, flicker free, and IP65 rated for both indoor and outdoor use
NN: Non dimming, flicker free, and IP65 rated for both indoor and outdoor use
LUTRON DRIVER L3: Hi-lume 1% EcoSystem 3-Wire Driver, provides continuous and flicker free dimming from 100% to 1%.
LUTRON DRIVER LP: Hi-lume Premier 0.1% FadeToBlack EcoSystem 3-Wire Driver, provides continuous and flicker free dimming down to 0.1% when used with EcoSystem Lutron controls.
- FEED: 18" of wire provided with connection to a longer wire inside the beginning module.

MOUNTING

- Mounting brackets and/or screw in clips are provided to be attached to the channel allowing for the channel to be mounted directly into the ceiling/wall. This design is versatile for any location and easily moved.

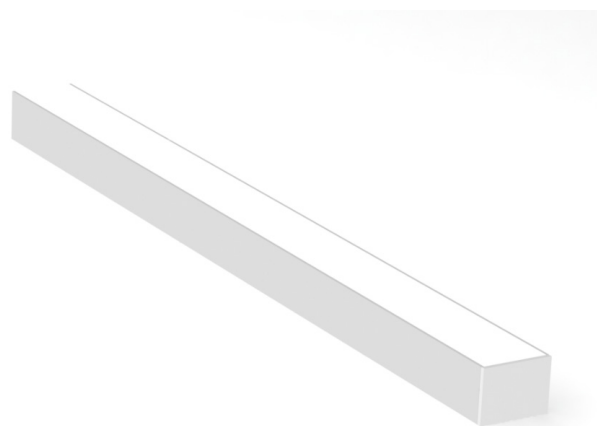
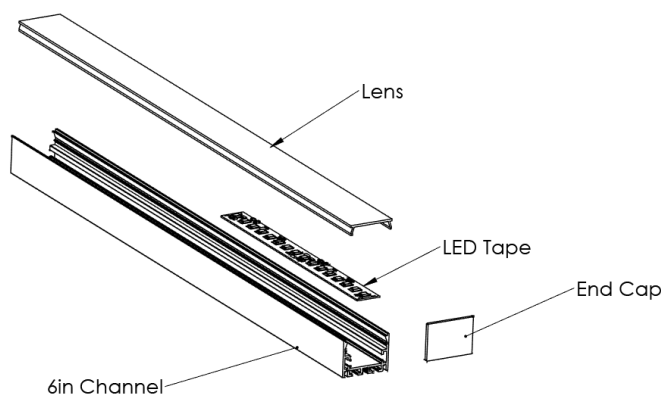
CONSTRUCTION

- DIMENSIONS: 1.05" W x 1.17" H
- HOUSING: Anodized aluminum extrusion cut with high precision equipment with up to 98% reflectivity on the inside.
- HOUSING FINISH: Powder coated white by default; with black available, and the option for custom colors. This provides the channel with a smooth finish and a defined color.

LISTING/WARRANTY

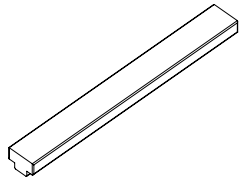
- WARRANTY: 5 year limited warranty, ambient temperatures at fixture location should not exceed 40°C during normal operation.
- IP Protection: IP20
- CRI ≥ 95
- 50,000 hours lamp life
- US & International Patents Pending

FIXTURE COMPONENTS AND ASSEMBLY

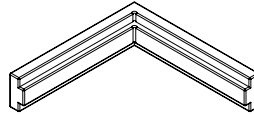


■ Additional Components

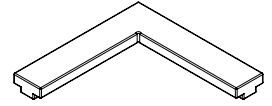
There are certain standard components that comes along the ZENLITE® Lighting system for 5/8" drywall lighting system as follows:



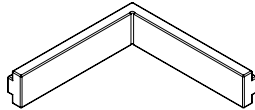
T-Shape Connector
Length: 2 inches
Purpose: To connect to straight ZENLITE® Channels
Part #: **ZNLT-CNCT-STRT**



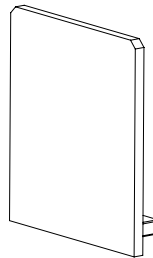
Outside T-Shape Connector
Length: 2 inches
Purpose: To connect to straight ZENLITE® Channels at outside wall corners 90 Degrees
Part #: **ZNLT-CNCT-OS90**



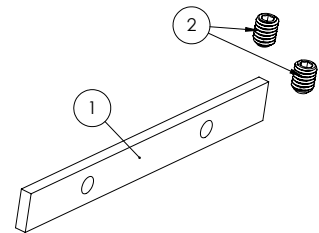
ZigZag T-Shape Connector
Length: 1x1 inches
Purpose: To connect to straight ZENLITE® Channels trimmed at 45 degrees to form a 90 degree bend
Part #: **ZLZG-CNCT-ZG90**



Inside T-Shape Connector
Length: 2 inches
Purpose: To connect to straight ZENLITE® channels at inside wall corners 90 Degrees
Part #: **ZNLT-CNCT-IN90**



End Cap
Length: 1 inch
Purpose: To be attached at the beginning of ZENLITE® channel
Part #: **ZNLT-SM1-EDCP**



Metal Channel Connector
Length: 2 inches
Purpose: To connect to straight ZEN-LITE® Channels
Part #: **ZNLT-CNCT-MTL**