

ZENLITE® PM1

Pendant Mount LED Lighting System


Project Name:

Fixture Type:

DESCRIPTION

ZENLITE® PM1 is a Pendant mount LED Lighting System that allows for a sleek projection of horizontal, vertical, and diagonal lines of light. This can be combined with ZENLITE® surface as well as ZENLITE® recessed to form continuous streams of seamless light.

SPECIFICATIONS

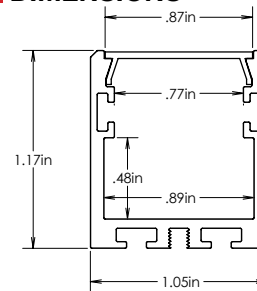
- Dimension: 1.05"W x 1.17" H
- Materials: Aluminum/PVC/Zinc/LED Module
- Ambient Temperature: -4°F ~ +113°F
- Dimmable
- IP Protection: IP20
- 50,000 Hours Lamp Life
- CRI ≥ 95
- 5 Year Warranty
- US & International Patents Pending
- UL Listed  for Dry or Damp Locations (Walls and Ceilings)

Light Module	Lumens/ft	Color Temp	27K	30K	35K	40K
ZGBL	67.9	Multiplier	0.82	1	1.13	1.22
ZGBM	165.7					

*Estimated value



DIMENSIONS



ORDERING CODE

Example: ZNLT-PM1-14-ZGBM-24V-95C-27K-DLNS-2G-MG-WH-F5RAW36

Product	Length	Light Module Cutttable Length Watts Per Feet	Volt	CRI	Color Temperature
ZNLT-PM1			24V	95C	
ZNLT-PM1	XX Length In InchesOnly Note: Lengths can be specified down to 0.25 inch.	ZGBL Zigbeam Low 1.2 inch 2W/ft ZGBM Zigbeam 1.2 inch 4.4W/ft HRGB Hi Beam RGB 3.94 inch 4.4W/ft HRGW Hi Beam RGBW 2.49 inch 5.9W/ft * ZGBS Zigbeam Splash 1.2 inch 2W/ft ** 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@PreciseLED.com) * 95 CRI does not apply ** IP54 rated module available	24V- 24V	95C ≥ 95 CRI	27K 2700K 30K 3000K 35K 3500K 40K 4000K

Lens	Driver	Housing Finish	Pendant
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CLNS-2G Clear (1.13) * DLNS-2G Diffused OLNS-2G Opal (0.74) *	MG (1% Magnetic Dimming) ZO (1% 0-10V Dimming) NN Non Dimming L2 Lutron Hi-lume Forward Phase 120V 1% 2-wire (40W max.) L3 Lutron Hi-lume 1% 3-wire/ EcoSystem LP Lutron Hi-lume Premier 0.1% FadeToBlack Eco System/3-wire	WH White Powder Coated (Default) BK Black Powder Coated XX Custom Color * RAL#: *consult factory for availability	F5RAW36 Feed 5" White Round Canopy with 36 inches Aircraft Cable (Default) F5RAB36 Feed 5" Black Round Canopy with 36 inches Aircraft Cable Enter custom part# from Table 1 below Note: Leadwire for tapelight will be the same length as the aircraft cable
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AIR CRAFT CABLE AND STEM MOUNTING OPTION (TABLE 1)

Type	Canopy	Hardware	Color	Length
F Feed Kit N Non-Feed Kit	5R 5" Round (Default) 5S 5" Square Note: other sizes available, consult factory for details	A Air Craft Cable (Default) S Stem P Power Cable (Gray)	W White (Default) B Black X Custom RAL#:	18 18 Inch 36 36 Inch (Default) 48 48 Inch 72 72 Inch XX Custom Length: Default Length: Air Craft Cable: 36" Stem: 18"

■ PRODUCTION OPTIONS (Optional for Lighting designers)

OPTION A

Ship channels in 8ft lengths
(Default for lengths greater than 8 ft)

Note: It will exclude any non-45 degree angles required, which must be cut by PreciseLED factory.

OPTION B

Precut channels to desired lengths
(Default for lengths less than 8ft)

Note: Exact field measurements must be provided, factory does not take responsibility for field measurement errors.

OPTION C

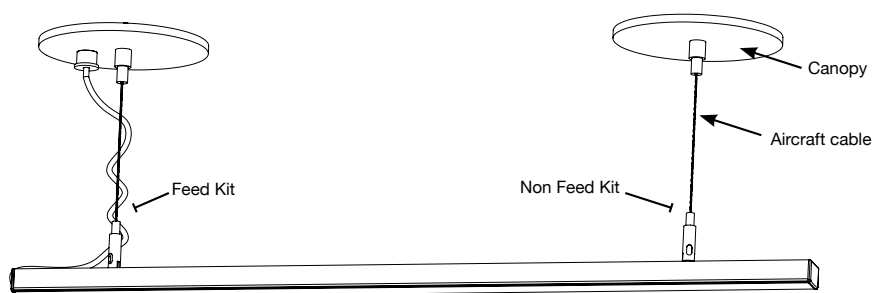
Ship fixture preloaded with LED module

Note: This option is only available for lengths ≤ 8 ft. Exact field measurements must be provided, factory does not take responsibility for field measurement errors.

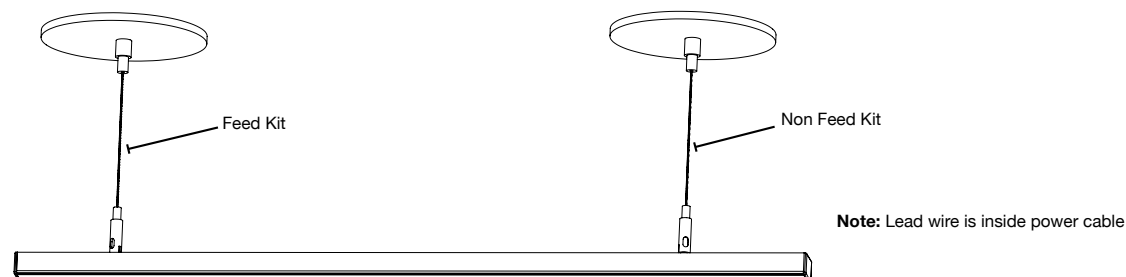
Note: The maximum length of a single channel is 8ft. For runs that are longer than 8ft, multiple 8ft channels need to be join together by means of straight channel connectors. Seamless lenses can be shipped in rolls of lengths up to 40 feet.

■ PENDANT HARDWARE TYPES

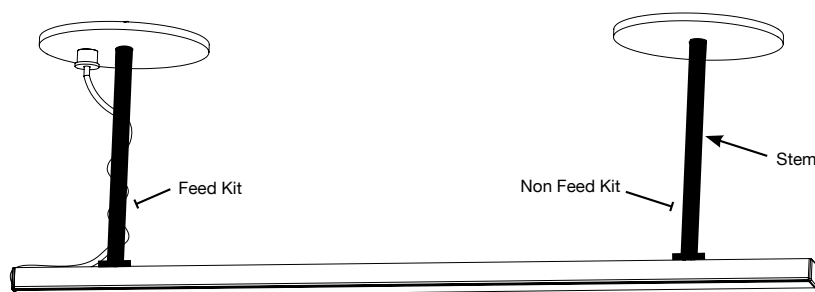
Aircraft Cable



Power Cable



Stem



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 L2: Hi-lume 1% 2-Wire LED Driver, provides continuous and flicker free dimming from 100% to 1%.
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 certain 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

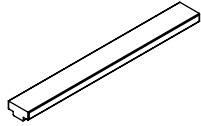
- DIMENSIONS: 1.05" W x 1.17" H
- HOUSING: Anodized aluminum extrusion cut with high precision equipment with up to 98% reflectivity on the inside.
- HOUSING FINISH: Powder coated white by default; with black available, and the option for custom colors. This provides the channel with a smooth finish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

LISTING/WARRANTY

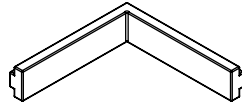
- WARRANTY: 5 year limited warranty, ambient temperatures at fixture location should not exceed 40°C during normal operation.
- IP Protection: IP20
- CRI ≥ 95
- 50,000 hours lamp life
- US & International Patents Pending

■ ADDITIONAL COMPONENTS

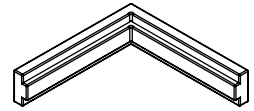
There are certain standard components that comes along the ZENLITE® Lighting system as follows:



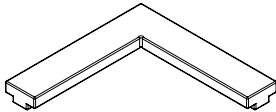
T-shape Connector
Length: 2 inches
Purpose: To connect to straight ZENLITE® Channels
Part #: **ZNLT-CNCT-STRT**



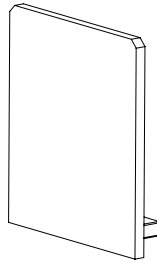
Inside T-shape Connector
Length: 1 x 1 inches
Purpose: To connect to straight ZENLITE® Channels at inside wall corners at 90 deg
Part #: **ZNLT-CNCT-IN90**



Outside T-shape Connector
Length: 1 x 1 inches
Purpose: To connect to straight ZENLITE® Channels at outside wall corners at 90 deg
Part #: **ZNLT-CNCT-OS90**



ZigZag T-Shape Connector
Length: 1 x 1 inches
Purpose: To connect to straight ZENLITE® Channels trimmed at 45 Degrees to form a 90 Degree bend
Part #: **ZNLT-CNCT-ZG90**



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