

ZENLITE® LOUVRE-SM

Surface Mount LED Lighting System for New Construction

Project Name:

Fixture Type:

DESCRIPTION

ZENLITE® LOUVRE Surface Mount is an LED Microlouver Lighting System for Dry-wall applications. Our patent-pending design allows for the easy installation of this versatile fixture, allowing for clean, customizable light in a beautiful, low-glare form. Channel is installed directly to the wall or ceiling.

SPECIFICATIONS

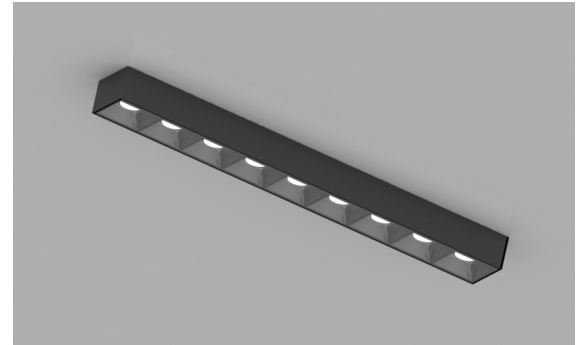
- Dimension: 1.338" W x .82" H
- Housing: Anodized Aluminum extrusion cut with high precision equipment.
- Louver: Individual precision formed snap-in polycarbonate louvers
- Optics: Multiple beam spread options.
- Ambient Temperature: -4°F ~ +113°F
- Input: 24V DC
- 1% Dimming (MLV/0-10V/Lutron)
- IP Protection: IP20
- Lengths can be specified down to increments of 1.18"
- 50,000 Hours Lamp Life
- CRI ≥ 90
- APPROVALS: UL/C-UL listed for dry and damp locations.

(Suitable for outdoor installations under a canopy or soffit.)

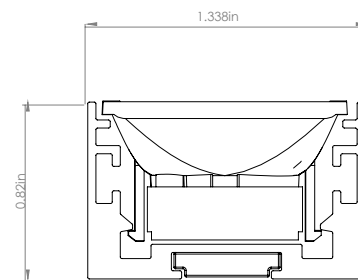
LUMEN OUTPUT PERFORMANCE

Light Module	Lumens/ft
LVCB	485
LRGW	183
ZGBM	200

Color Temp	27K	30K	35K	40K
Multiplier	0.73	0.82	0.91	1



DIMENSIONS



ORDERING CODE

Example: **ZNLT-LOUV-SM-14-LVCB-24V-90C-27K-90-WH-BK-MG**

Product	Length	Light Module Cutable Length Watts Per Feet	Volt	CRI
ZNLT-LOUV-SM			24V	90C
ZNLT-LOUV-SM	XX Length In Inches Only in Note: Lengths can be specified down to 1.18"(30mm).	LVCB Louvre Cool Beam 1.18 inch 5.8 W/ft (Louvre use only) LRGW Louvre Beam RGBW 1.18 in 3.6 W/ft (Louvre use only) ZGBM Zigbeam Module 1.18 inch 4.4 W/ft (Lens use only) Max length of a Tapelight segment: (Based on Class 2 Circuit Adherence) LVCB- 13.3 Feet LRGW- 21.3 Feet ZGBM- 17.5 Feet *ZGBM not available in 95CRI at this time Note: Longer lengths are possible, consult info@PreciseLED.com	24V - 24V	90C ≥ 90 CRI

Color Temperature	Beam Spread	Housing Finish	Trim Color	Drivers
27K 2700K 30K 3000K 35K 3500K 40K 4000K	10 x 45 degrees 30 degrees 60 degrees 90 degrees DLNS Diffused Lens (for use with ZGBM module only)	WH White (Default) BK Black XX Custom Note: Consult factory for availability of powder coating.	BK Black AZ Clear Alzac Note: Consult factory for more details on multiple colors	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 EcoSytem/3-wire Note: Drivers are remotely mounted

■ 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.

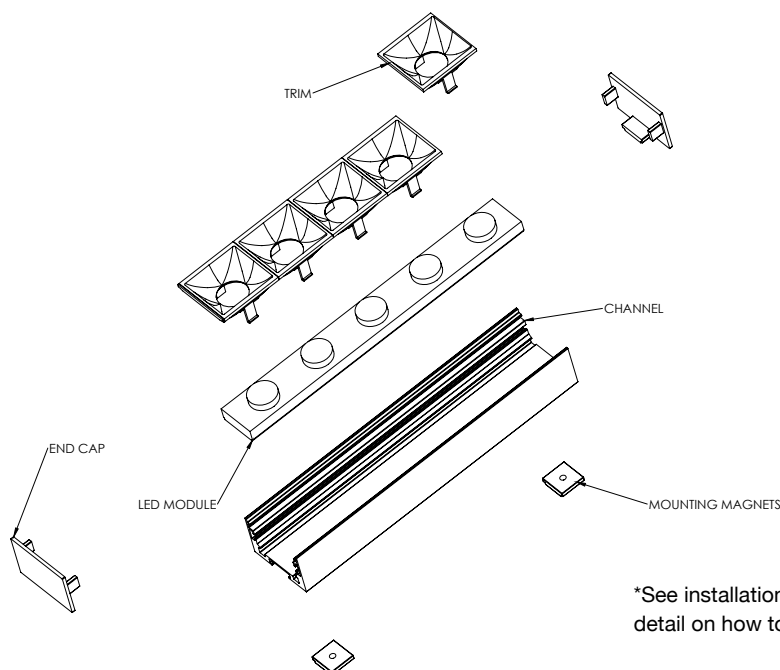
OPTION C

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.

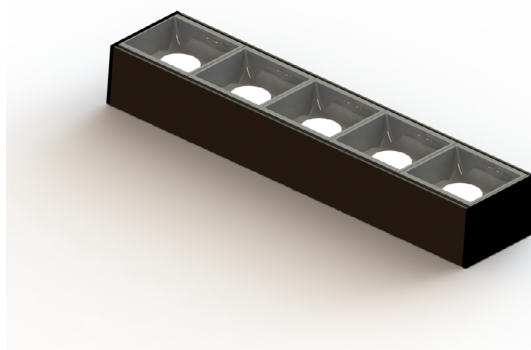
Note: The maximum length of a single channel is 8ft. For runs that are longer than 8ft, multiple 8ft channels need to be join together by means of straight channel connectors. Seamless lenses can be shipped in rolls of lengths up to 40 feet.

■ TYPICAL INSTALLATION



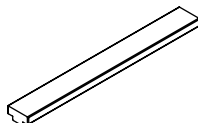
*See installation instructions sheet for further detail on how to install the Louvre product.

■ ASSEMBLED VIEW

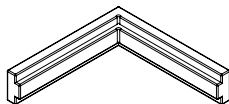


■ ADDITIONAL COMPONENTS

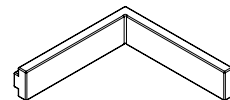
There are standard components that comes along the ZENLITE® Lighting system and are included with the product. They will be added by the factory and do not need to be specified by the customer. These include the following:



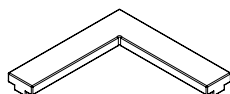
T-shape Connector
 Length: 2 inches
 Purpose: To connect to straight ZENLITE® Channels
 Part #: **ZNLT-CNCT-STRT**



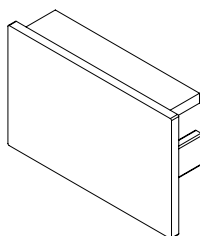
Outside T-shape Connector
 Length: 1 x 1 inches
 Purpose: To connect to straight ZENLITE® Channels at outside wall corners at 90 deg
 Part #: **ZNLT-CNCT-OS90**



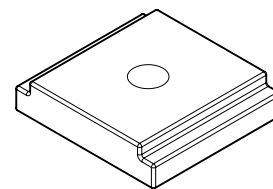
Inside T-shape Connector
 Length: 1 x 1 inches
 Purpose: To connect to straight ZENLITE® Channels at inside wall corners at 90 deg
 Part #: **ZNLT-CNCT-IN90**



T-Shape Connector - ZIGZAG
 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: 1.34 x 0.82 inches
 Purpose: To be attached at the beginning/end of the ZENLITE® Channels.
 Part #: **ZNLT-LOUV-ENCP**

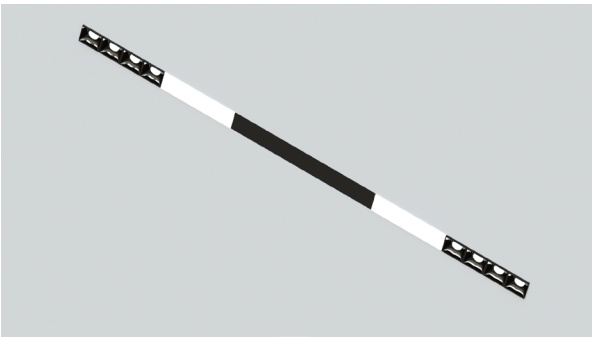


Mounting Magnets
 Length: 0.5 x 0.5 inches
 Purpose: To be attached behind the channels for mounting to the wall.
 Part #: **ZNLT-LOUV-MGNT**

CUSTOM DESIGN

Enter custom design below using the following notation:

- T - Trim
- P - Plate (unlit)
- L - Lens (lit)



Example: P-L-T

CUSTOM (leave blank if unneeded)

Type	Length	Light Module [Watts Per Feet]	Volt	CRI	Color Temp	Beam Spread	Trim/ Lens	Driver
T		LVCB	24V					
Trim	XX Length in inches only. Lengths can be specified down to 1.18 inch (30mm).	LVCB Louvre Cool Beam [6 W/ft] LRGW* Louvre Beam RGBW [6 W/ft]	24V- 24V	90C ≥ 90 CRI	27K 2700K 30K 3000K 35K 3500K 40K 4000K	10X45B degrees 30B degrees 60B degrees 90B degrees	BK Black Trim AZ Clear Alzac Trim	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/Eco System LP Lutron Hi-lume Premier 0.1% Fade To Black EcoSystem/3-wire
L		ZGBM	24V					
Lens	XX Length in inches only. Lengths can be specified down to 1.18 inch (30mm).	ZGBM Zigbeam [4.4 W/ft]	24V- 24V	90C ≥ 90 CRI	27K 2700K 30K 3000K 35K 3500K 40K 4000K	N/A	DLNS Diffused Lens	
P		N/A	N/A	N/A	N/A	N/A		
Plate	XX Length in inches only. Lengths can be specified down to 1.18 inch (30mm).	N/A	N/A	N/A	N/A	N/A	ALP Aluminum Plate	