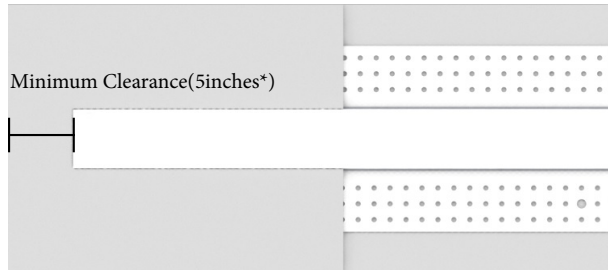


ZENLITE® ZIG-ZAG NC1

LED Lighting System for 5/8" Drywall Walls/Ceilings

DESCRIPTION

ZENLITE® ZIG-ZAG NC1 is an LED Lighting System for 5/8" Drywall Walls/ Ceilings. Our patented design allows for projection of clean horizontal, vertical and diagonal lines of light. Channel is installed directly to studs with 16-inch spacing screw holes.



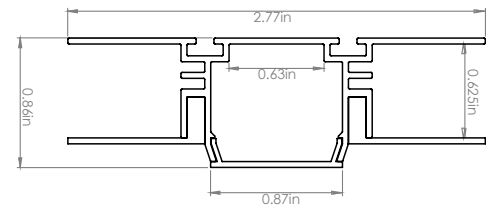
*Contact info@Preciseled.com For clearances less than 5 inches

Project Name: _____

Fixture Type: _____



DIMENSIONS



ORDERING CODE

Example: **ZLZG-NC1-14-2HIBE-24V-95C-27K-DLNS-MG**

| Product | Length | Light Module | {Lumens/Foot} [Watts/ft] | Volt | CRI |
|-----------------|---|--|---|-----------------|---------------------|
| ZLZG-NC1 | XX Length (in feet) max lengths: HIBE- 17.5ft HIHE- 17.5ft COBE- 12ft HRGB- 17.5ft HRGBW- 13.12ft | 2HIBE (2 High Beam) 2HIHE (2 Hi Beam Hi Efficacy) 2COBE (2 Cool Beam) 2HRGB (Red/Green/Blue) 2HRGW (Red/Green/Blue/White) | {170} *[8.8] {287} *[8.8] {480} *[12.5] **[8.8] ***[11.7Watts/ft] | 24V- 24V | 95C ≥ 95 CRI |
| | | | * Values with diffused lens only ** 95 CRI does not apply *** Available with 3000K and 4000K Only | | |

| Color Temperature | Lens | Driver* |
|--|---|--|
| 27K 2700K 30K 3000K 35K 3500K 40K 4000K | CLNS Clear*(1.13) DLNS Diffused OLNS 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 |
| * Lumens/Foot get multiplied with the factor in parenthesis | | * Drivers are remotely mounted |

■ PRODUCTION OPTIONS (Optional for Lighting designers)

A- Ship channels and flanges in 8 feet lengths (Default for lengths greater than 8 feet)

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

B- Precut channels and flanges to desired lengths (Default for lengths less than 8 feet)

Note: Exact field measurements must be provided, factory does not take responsibility for field measurement errors.
Prepunched holes (every 16") in rear of fixture may not match stud location, additional drilling may be required

C- Ship fixture preloaded with led module.

Note: This option is only available in lengths \leq 8 feet
Exact field measurements must be provided, factory does not take responsibility for field measurement errors.
Prepunched holes (every 16") in rear of fixture may not match stud location, additional drilling may be required

Note: Aluminum Channels and PVC L-Beads come in a maximum available length of 8 feet. Seamless Lens can be shipped in roll lengths up to 40 feet. For fixture longer than 8ft, multiple 8ft channels need to be joined together by means of straight channel connectors.

■ SPECIFICATIONS

LED SYSTEM

- LED ENGINE: 2700K, 3000K, 3500K, 4000K
- 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.

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.
- EMERGENCY (Optional): Remote emergency battery pack provides backup power for 90 minutes. Remote emergency test switch included.

MOUNTING

Proprietary design allows the fixture to be mounted directly onto studs first and accommodates 5/8" drywalls or ceilings. Contains prepunched holes spaced 16" apart with the option for additional holes to be drilled into the rear flange for versatility. Able to easily connect to other channels with use of connectors.

CONSTRUCTION

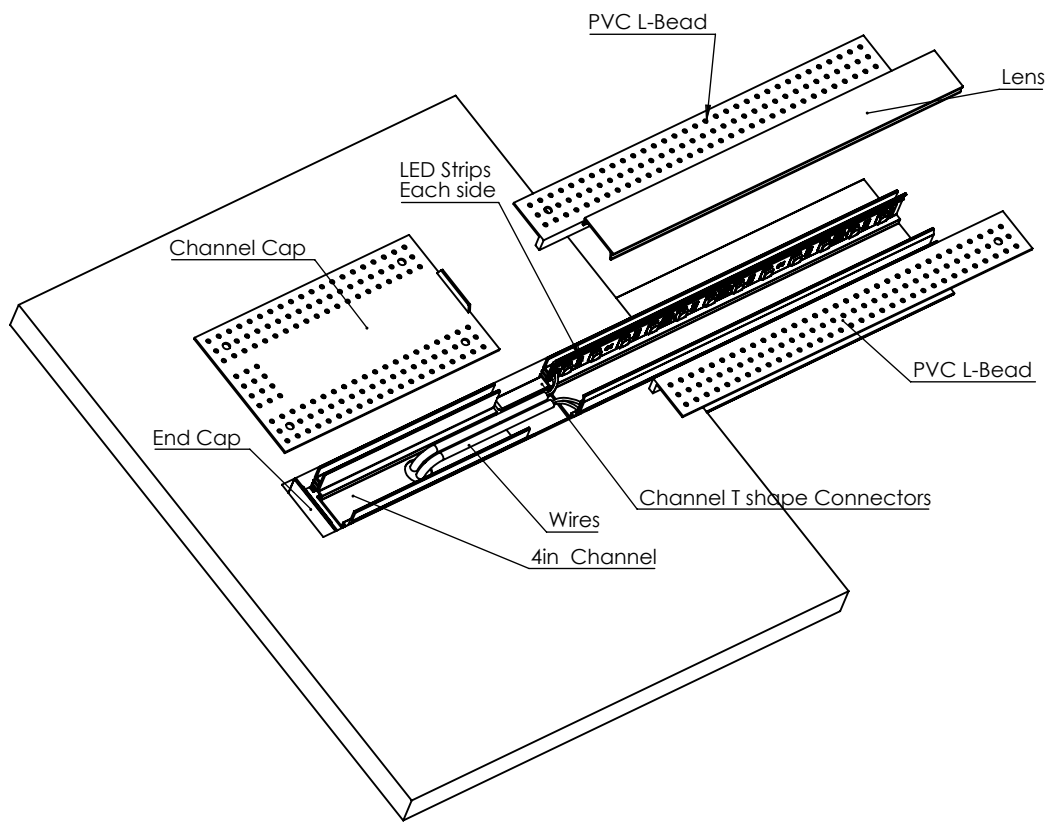
- DIMENSIONS: 2.77" W x 0.87" H
- HOUSING: Anodized aluminum extrusion cut

LISTING/WARRANTY

- APPROVALS: UL/C-UL listed for dry and damp locations (walls and ceilings). IC rated.
- WARRANTY: 5 year limited warranty, ambient temperatures at fixture location should not exceed 40°C during normal operation.
- IP Protection: IP20
- CRI \geq 95
- 50,000 hours lamp life
- US & International Patents Pending



■ **FIXTURE COMPONENTS**



■ **ASSEMBLED VIEW**



■ **Additional Components**

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

| Product | Image | Purpose | Part Number |
|--|-------|---|--------------------------|
| T-shape connector Length: 2 inches | | To connect to straight ZENLITE® Channels | ZNLT-CNCT-STRT |
| Beginning Module Sub-Components: 1. 4 in Channel 2. End Cap 3. Channel Cover 4. BX Cable Connector 5. BX Connector Nut | | To be attached at the beginning of ZENLITE® channel by means of two T-shape connectors | ZNLT-BGNM-NC1-5/8 |
| End Module Sub-Components: 1. 4 in Channel 2. End Cap 3. Channel Cover | | To be attached at the end of ZENLITE® channel by means of two T-shape connectors | ZNLT-ENDM-NC1-5/8 |
| T-shape connector Length: 1 X 1 inches | | To connect to straight ZENLITE® Channels at outside wall corners at 90 Degrees | ZNLT-CNCT-OS90 |
| T-shape connector Length: 1 X 1 inches | | To connect to straight ZENLITE® Channels at inside wall corners at 90 Degrees | ZNLT-CNCT-IN90 |
| ZigZag T-shape connector Length: 1 X 1 inches | | To connect to straight ZENLITE® Channels trimmed at 45 Degrees to form a 90 Degree bend | ZLZG-CNCT-ZG90 |