

ZENLITE® NC2 Perimeter

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

DESCRIPTION

ZENLITE® NC2 is an LED Lighting System for 5/8" Drywall Walls/Ceilings. Our patented design allows for projection of a clean horizontal, vertical and diagonal lines of light along the edge of the space. Channel is installed directly to studs with 16-inch spacing screw holes.



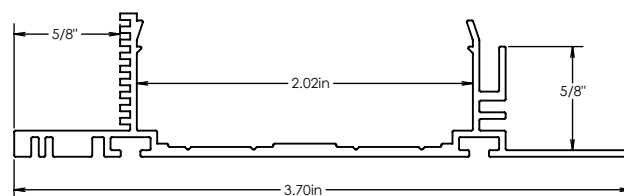
*Contact info@Preciseled.com For clearances less than 5 inches

Project Name:

Fixture Type:



DIMENSIONS



ORDERING CODE

Example: **ZNLT-NC2-PMTR-14-2COBE-24V-95C-27K-DLNS-MG**

Product	Length	(Light Module)	{Lumens/Foot*} [Watts/ft]	Volt	CRI
ZNLT-NC2-PMTR	XX Length In Feet (Only) ft OR In Inches (Only) in OR In Feet & Inches ft in Note: Lengths can be specified down to 0.25 inch.	2ZGBL (2 Zigbeam Low) 2ZGBM (2 Zigbeam) 2ZGBC (2 Zigbeam Cool) 2HRGB (2 Red/Green/Blue) 2RGBW (2 Red/Green/Blue/White) Max length of a Tapelight segment: (Based on Class 2 Circuit Adherence) HRGB- 17.5 Feet HRGBW- 13.12 Feet Note: (Longer lengths are possible. Consult info@PreciseLED.com)	{270}[4] {595}[8.8] {811}[12] *[8.8] *[11.78]	24V- 24V	95C ≥ 95 CRI

Color Temperature	Lens	Driver*
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	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 EcoSystem/3-wire *Drivers are remotely mounted

■ PRODUCTION OPTIONS (Optional for Lighting designers)

A- Ship channels in 8 foot 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 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.

C- Ship fixture preloaded with led module.

Note: This option is only available in lengths ≤ 8 feet

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

Note: Aluminum channels come in a maximum available length of 8 feet. Lens can be shipped in roll lengths up to 40 feet. For fixtures longer than 8ft, multiple 8ft channels need to be joined together by straight channel connectors that will be provided.

■ 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.

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" Drywall walls or ceilings. Specifically made for edges and corners of rooms; contains prepunched holes spaced 16" apart with the option for additional holes to be drilled into the rear flange for versatility.

CONSTRUCTION

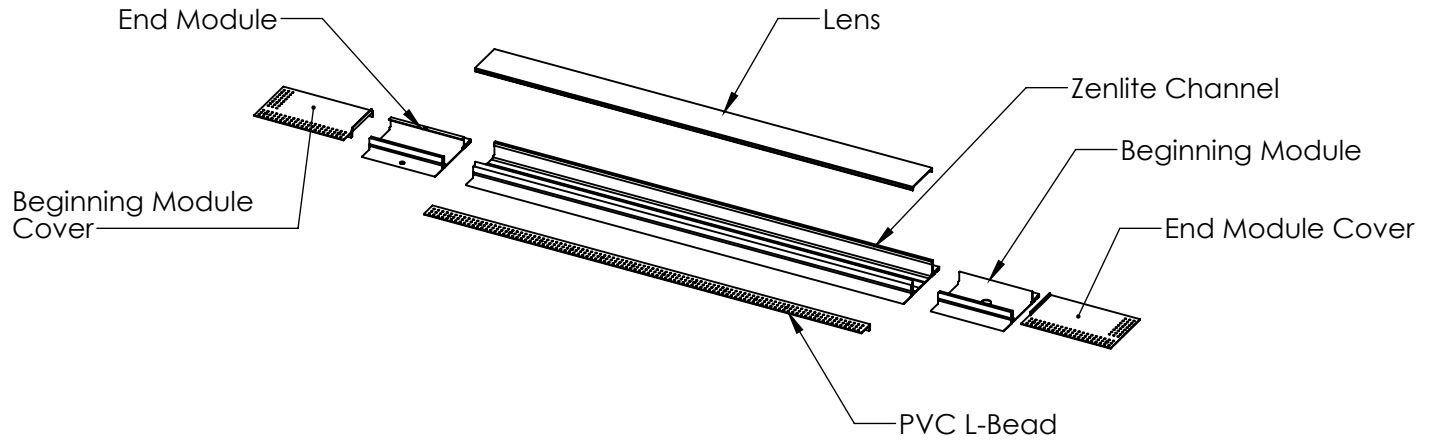
- DIMENSIONS: 3.70" W x .87" H
- HOUSING: Anodized aluminum extrusion cut with high precision equipment with up to 98% reflectivity on the inside. PVC flange with low thermal conductivity to prevent heat from spreading to the surface of the paint/spackle.

LISTING/WARRANTY

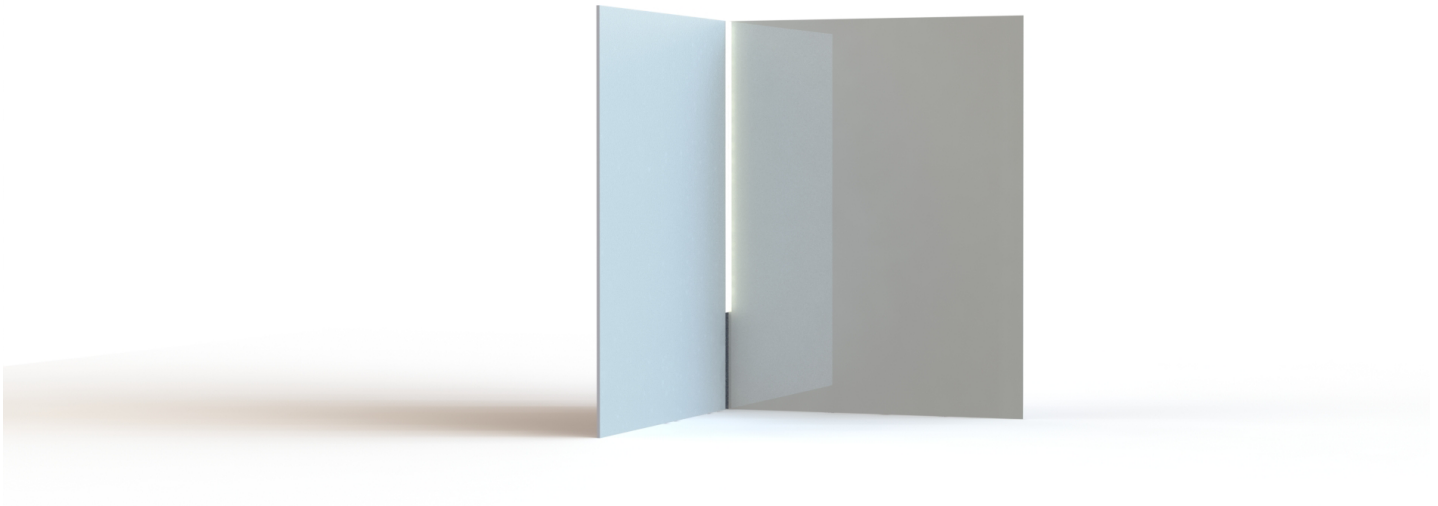
- APPROVALS: UL/C-UL listed for dry and damp locations. IC rated.
- WARRANTY: 5 year limited warranty, ambient temperatures at fixture location should not exceed 40°C during normal operation.
- 50,000 hours lamp life
- IP Protection: IP20
- CRI ≥ 95
- US & International Patents Pending



■ FIXTURE COMPONENTS

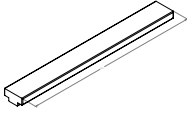
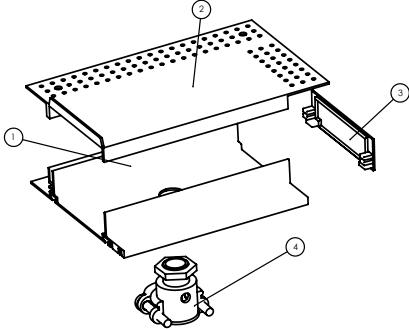
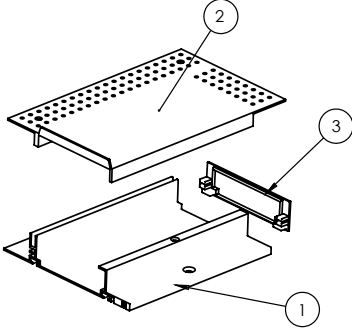
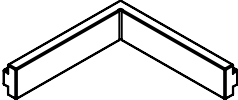

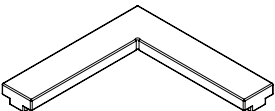


■ ASSEMBLED VIEW

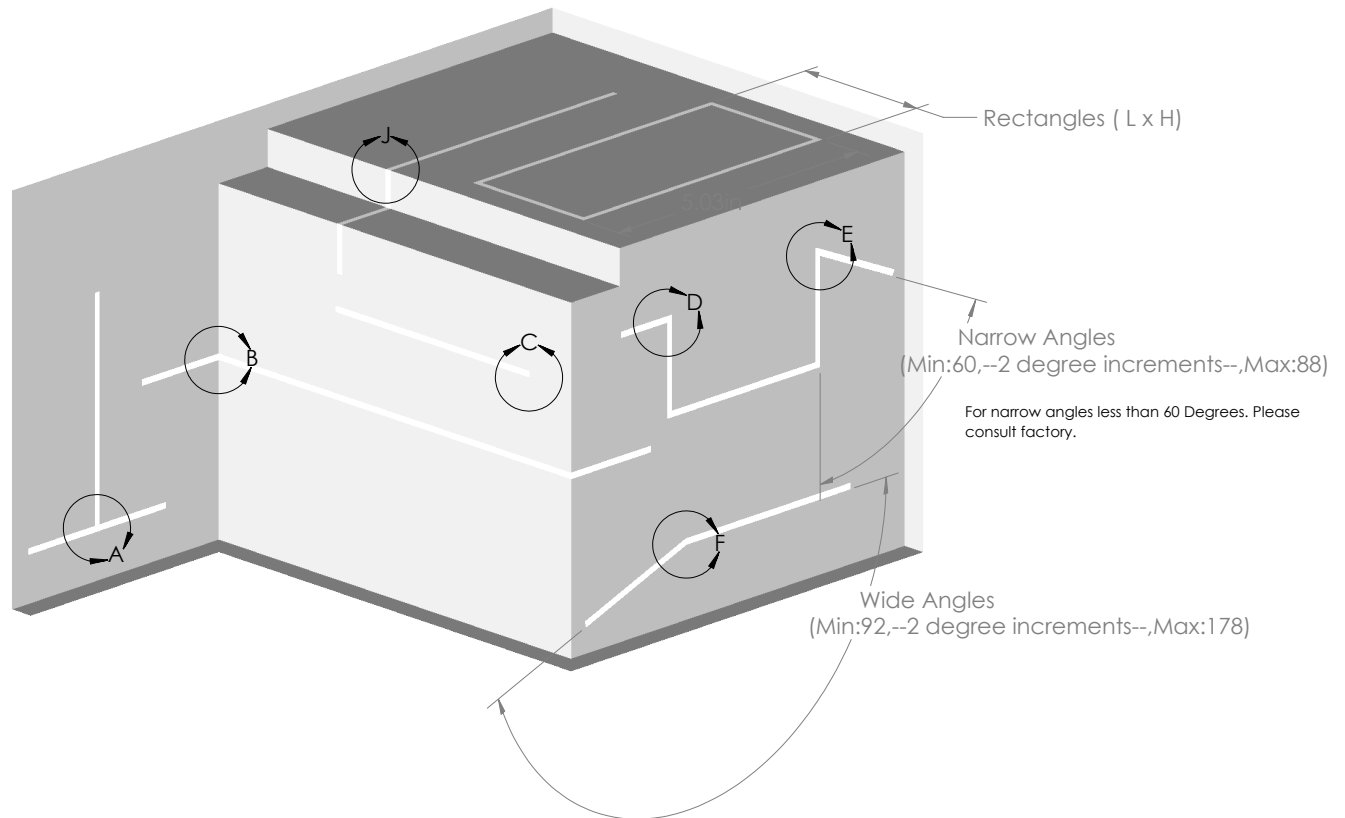


■ Additional Components

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 with hole 2. Channel Cover 3. End Cap 4. BX Cable Connector		To be attached at the beginning of ZENLITE® channel by means of two T-shape connectors	ZNLT-NC2-PMTR-BGNM
End Module Sub-Components: 1. 4 in Channel without hole 2. Channel Cover 3. End Cap		To be attached at the end of ZENLITE® channel by means of two T-shape connectors	ZNLT-NC2-PMTR-ENDM
Outside corner T-shape connector Length: 1 x 1 inches		To connect two straight ZENLITE® Channels at outside wall corners 90 Degrees	ZNLT-CNCT-OTSD
Inside corner T-shape connector Length: 1 x 1 inches		To connect two straight ZENLITE® Channels at inside wall corners 90 Degrees	ZNLT-CNCT-INSO
Flat corner T-shape connector Length: 1 x 1 inches		To connect to straight ZENLITE® Channels at flat corners with a 90 degree turn	ZNLT-CNCT-ZIGZ

CUSTOM CUT ORDERS



DETAIL A
T-JOINT
TJ



DETAIL B
INSIDE CORNER
IC



DETAIL C
STRAIGHT
XX



DETAIL D
RIGHT ANGLE
RA90



DETAIL E
NARROW ANGLE
NAXX



DETAIL F
WIDE ANGLE
WAXXX

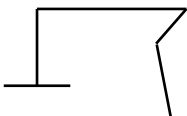


DETAIL J
OUTSIDE CORNER
OC

TYPE	DIMENSIONS		QTY
	OR	x	Nos.
	OR	x	Nos.
	OR	x	Nos.
	OR	x	Nos.
	OR	x	Nos.

Note: List the cuts/features in the order of occurrence from left to right. Multiple spec-sheets can be used for multiple custom lengths/shapes. Please consult factory for complex projects

EXAMPLES



TJ-20-RL-30-NL45-15-WL135-20



0-15 X 30 FT