ZENLITE® ARC HELIX

Pendant Mount LED Lighting System

preciseLED
Precision Through Innovation

| Project Name: |
|---|
| Fixture Type: |

■ DESCRIPTION

Zenlite Arc Helix Pendant Mount Fixture is the first fixture that is specifiable on both the vertical and horizontal axis simultaneously. The fixture can accomplish truly innovative lighting forms that, for the first time, allow specifiers to create a three-dimensional fixture
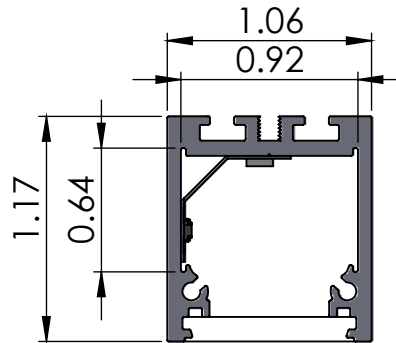

■ SPECIFICATIONS

- Dimension: 1.05"W x 1.17" H
- Materials: Aluminum/Zinc/LED Module
- Ambient Temperature: -4°F ~ +113°F
- Dimmable
- IP Protection: IP20
- 50,000 Hours Lamp Life
- CRI ≥ 95
- 5 Year Warranty

Note: Solidworks step (.step,.stp) and drawing files (.drw,.slddrw) will be acceptable in conjunction with odering options in order to make the helix
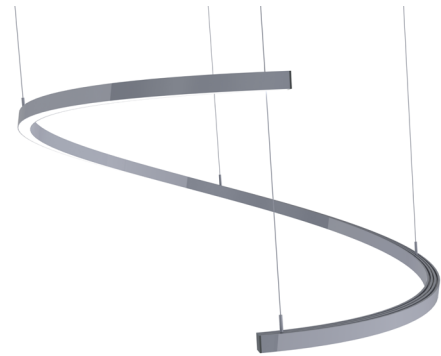
■ LUMEN OUTPUT PERFORMANCE TABLE

Light Module	Lumens/ft
HXBL*	209
HXBM*	458
HXBC*	495
HXBU*	853

* Estimated results, Final results will be updated momentarily

■ DIMENSIONS

1.06
0.92
1.17
0.64

■ ORDERING CODE

Example: **ZNLT-HELIX-PM-AS-15-SC-30R-HXBM-24V-95C-35K-DLNS-WH-F5RAW36-MG**

Product	Type	Helix Pitch	Helix Direction	Curve Type	Curve Radius	Light Module |Cuttable Length | Watts Per Feet	Voltage
ZNLT-HELIX-PM							**24V**
ZNLT-HELIX-PM	**HXS** Helix Segment **HXF** Full Helix	**XX** Pitch in **Note:** 5% Tolerance in Pitch	**CW** Clockwise **CCW** Counter Clockwise	**SC** XY Side curve (**Default**) **OC** XZ Outward Curve **IC** XZ Indward Curve **Note:** See chart below for details	**XXR** Radius in **Note:** Input 360° for full circle. Use multiple sheets for combination of runs. Radii below 10" are considered specialty and may incur additional lead time. 5% Tolerance in radius length	**HXBM** Helix Beam **HXBL** Helix Beam Low |2.49 inch | 2 W/ft **HXBC** Helix Bend Cool **HXBU** Helix Bend Ultra	**24V**-24V

| CRI	Color Temperature	Lens	Housing Finish	Pendant	Drivers
95C		**HXDLNS**			
95C ≥ 95 CRI	**27K** 2700K **30K** 3000K **35K** 3500K **40K** 4000K	**HXDLNS** Helix Diffused Lens	**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 **Custom**- Enter part# from **Table 1** below: **Note:** Leadwire for tapelight will be the same length as the aircraft cable	**MG** (1% Magnetic Dimming) **ZO** (1% 0-10V Dimming) **NN** Non Dimming **LP** Lutron Hi-lume Premier 0.1% FadeToBlack EcoSystem/3-wire **Note:** Drivers are remotely mounted

File Name: ZNLT ARC HELIX SPEC A01   JAN 20, 2023

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◼ AIR CRAFT CABLE AND STEM MOUNTING OPTION CONTINUED (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"

◼ PENDANT HARDWARE TYPES

Aircraft Cable

B

Feed Kit

Non Feed Kit

Canopy

Aircraft cable

Power Cable

Feed Kit

Non Feed Kit
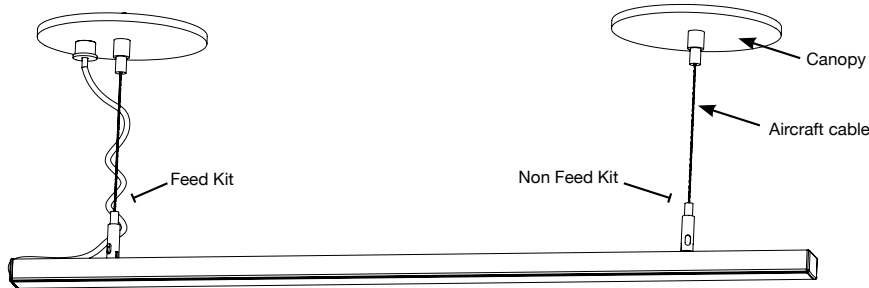
Note: Lead wire is inside power cable
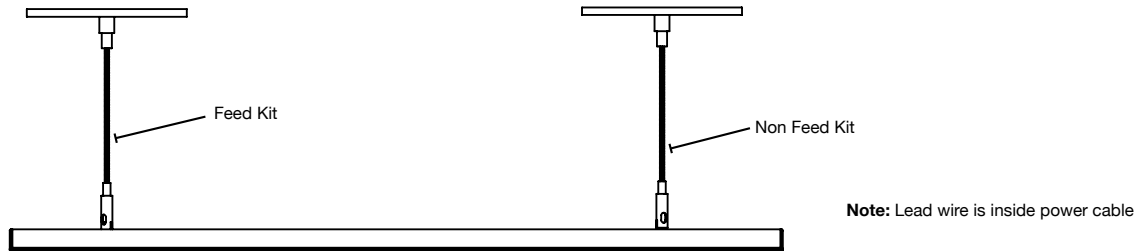
Positive & Negative Aircraft Cable

Stem

Feed Kit

Non Feed Kit

Stem

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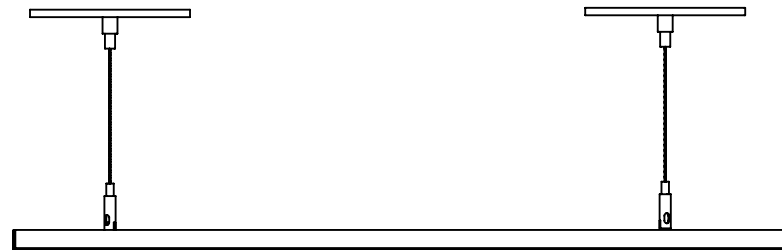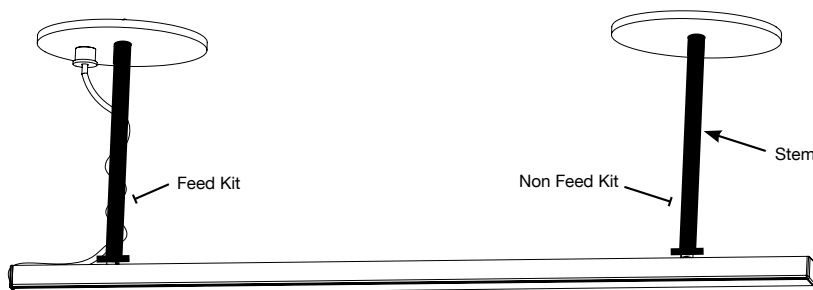
■ **Helix Specifications**

Radius and Pitch Specification

Radius

Radius X in
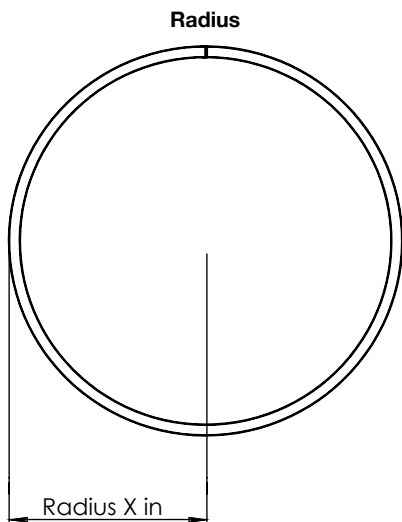
Minimum Radius: 10 in
Maximum Radius: No Limit
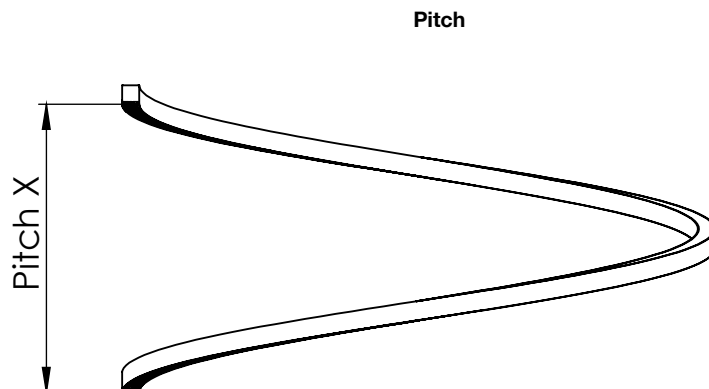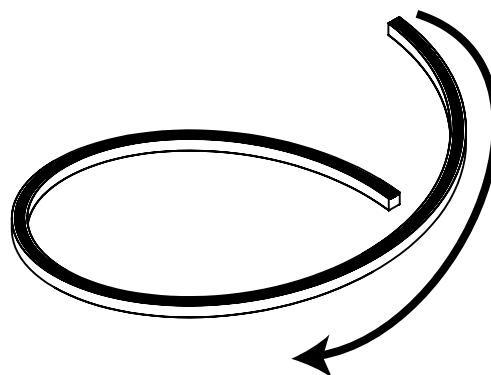
Pitch

Pitch X

Minimum Pitch: No Limit
Maximum Pitch: Channel Diameter

Helix Direction Specification

Counter Clockwise

Clockwise

■ **CURVE TYPE CHART**

XY Side Curve (Default)	XZ Inward Curve	XZ Outward Curve
Light Source	Light Source	Light Source
Tapelights: HXBM HXBL HXBC HXBU	Tapelights: HXBM HXBL HXBC HXBU	Tapelights: HXBM HXBL HXBC HXBU

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ADDITIONAL COMPONENTS

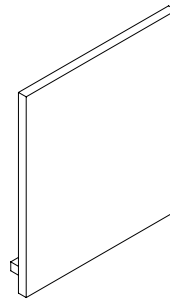These are certain standard components that comes along with the ZENLITE® Lighting system as follows:
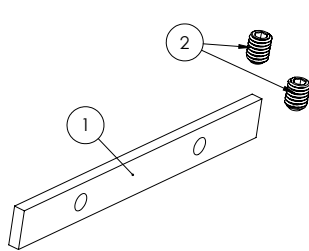
Metal Channel Connector
Length: 2 inches
Purpose: To connect to straight ZENLITE® Channels
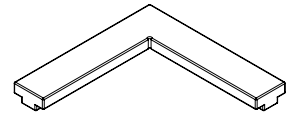Part #: **ZNLT-CNCT-MTL**

End Cap
Length: 1 inch
Purpose: To be attached at the beginning of ZENLITE® channel
Part #: **ZNLT-PM1-EDCP**

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**

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