

# ZENLITE® ARC MICRO

Pendant Mount Curved LED Lighting System

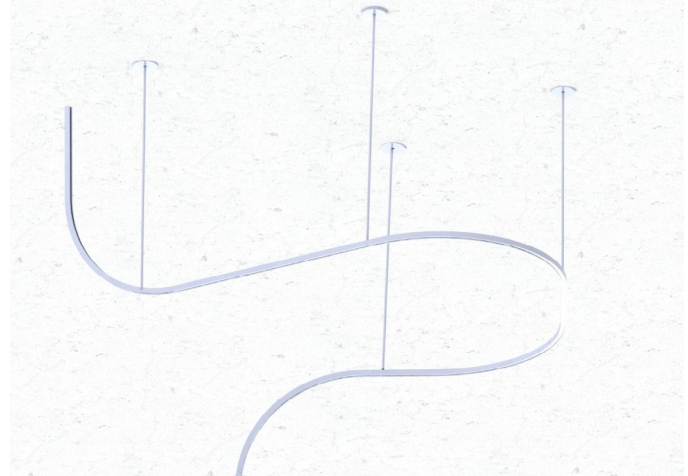
**preciseLED**  
Precision Through Innovation

Project Name:

Fixture Type:

## DESCRIPTION

ZENLITE® Arc Micro is a curved LED Lighting System that can be specified to any curvature and radius. The fixture's sleek design provides a clean, modern look without overpowering your space. It is designed to reduce and even eliminate light leaks and allows for complete freedom of light design.



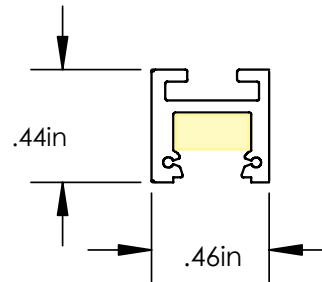
## LUMEN OUTPUT PERFORMANCE TABLE

Light Module	Lumens/ft
<b>SWMC</b>	205
<b>TPMC</b>	205

**Note:** Results were estimated using a 30K, 1ft sample with diffused lens

Color Temp	27K	30K	35K	40K
Multiplier	0.97	1	1.01	1.07

## DIMENSIONS



## ORDERING CODE

Example: ZNLT-ARC-MICRO-AS-14-SC-25R-SWMC-24V-90C-27K-WH-F5RAW36-MG

Product	Type	Segment Length	Curve Type	Curve Radius	Light Module  Watts Per Feet	Voltage
ZNLT-ARC-MICRO						24V
ZNLT-ARC-MICRO	ST Straight AS Arc segment CIR Full Circle	XX Length in  <b>Note:</b> Lengths can be specified down to 0.25 inch.	SC XY Side curve (Default) OC XZ Outward curve IC XZ Inward curve	XXR Radius in  <b>Note:</b> Leave blank for straight run. Use multiple sheets for combination of runs. <b>*There is no minimum or maximum radius. Radii can be set to any length, down to the hundredth of an inch</b>	SWMC Sidewind Micro   2.4 W/ft TPMC Topwind Micro   2.4 W/ft	24V-24V

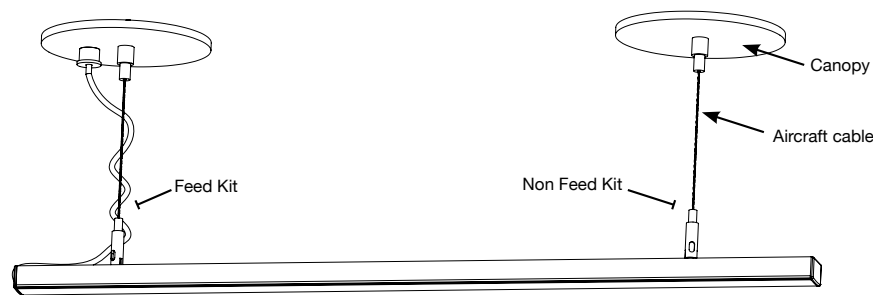
CRI	Color Temperature	Housing Finish	Pendant	Drivers
90C				
90C ≥ 90 CRI	27K 2700K 30K 3000K 35K 3500K 40K 4000K	WH White Powder Coated (Default) BK Black Powder Coated XX Custom Color * RAL#:  * Consult factory for availability	F5RAW36 Feed 5" (White) Round Canopy with 36 inches Aircraft Cable (Default) F5RAB36 Feed 5" (Black) Round Canopy with 36 inches Aircraft Cable F2RAW36 Feed 2" (White) Round Canopy with 36 inches Aircraft Cable (Default) F2RAB36 Feed 2" (Black) Round Canopy with 36 inches Aircraft Cable  <b>Note: Leadwire for tapelight will be the same length as the aircraft cable</b>	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 EcoSystem/3-wire  Drivers are remotely mounted

AIR CRAFT CABLE AND STEM MOUNTING OPTION CONTINUED (TABLE 1)

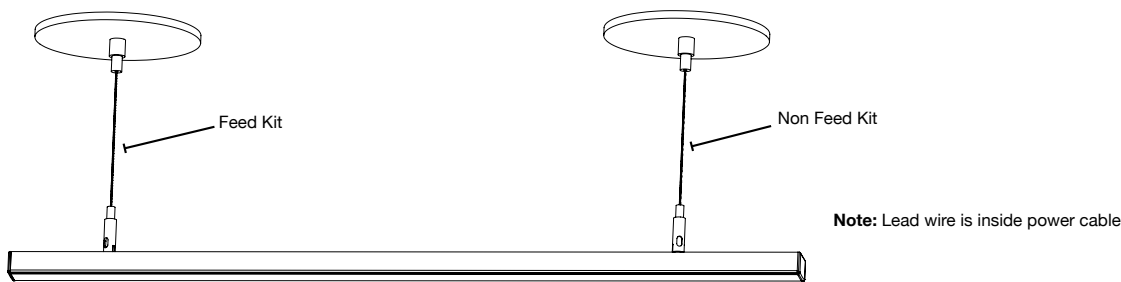
Type	Canopy	Hardware	Color	Length
<b>F</b> Feed Kit <b>N</b> Non-Feed Kit	<b>5R</b> 5" Round ( <b>Default</b> ) <b>5S</b> 5" Square 2R 2" Round 2S 2" Square  <b>Note:</b> other sizes available, consult factory for details	<b>A</b> Air Craft Cable ( <b>Default</b> ) <b>P</b> Power Cable ( <b>Gray</b> )	<b>W</b> White ( <b>Default</b> ) <b>B</b> Black <b>X</b> Custom RAL#:	<b>18</b> 18 Inch <b>36</b> 36 Inch ( <b>Default</b> ) <b>48</b> 48 Inch <b>72</b> 72 Inch <b>XX</b> Custom Length:  <b>Default Length:</b> Air Craft Cable: 36" Stem: 18"

PENDANT HARDWARE TYPES

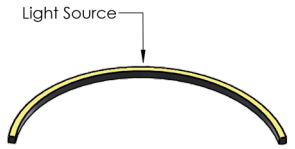
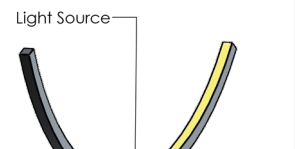
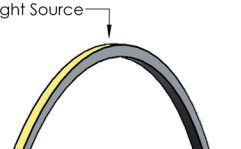
Aircraft Cable



Power Cable

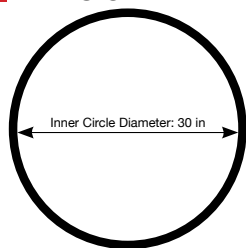


## CURVE TYPE CHART

XY Side Curve (Default)	XZ Inward Curve	XZ Outward Curve
 Light Source  Tapelights: SWMC	 Light Source  Tapelights: TWMC	 Light Source  Tapelights: TWMC

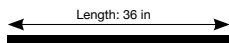
Note: Bending on both axis (helix or spiral) curves are not available

## TYPES OF ZENLITE ARC HOUSINGS :



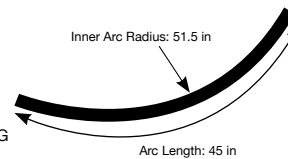
### Full Circle

Order info: Radius  
Sample order code:  
ZNLT-ARC1-MICRO-CIR-15R-SWMC-24V-90C-27K-MG



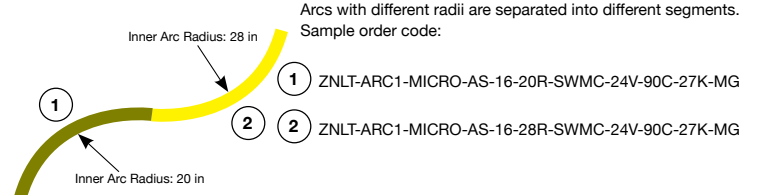
### Straight

Order info: Length  
Sample order code:  
ZNLT-ARC1-MICRO-ST-36-SWMC-24V-90C-27K-MG



### Arc Segment

Order info: Radius and Length/Degree  
Sample order code:  
ZNLT-ARC1-MICRO-AS-45"-51.5R-SWMC-24V-90C-27K-MG



Arcs with different radii are separated into different segments.  
Sample order code:

1 ZNLT-ARC1-MICRO-AS-16-20R-SWMC-24V-90C-27K-MG

2 ZNLT-ARC1-MICRO-AS-16-28R-SWMC-24V-90C-27K-MG

## SPECIFICATIONS

### LED SYSTEM

- LED ENGINE: 2700K, 3000K, 3500K, 4000K
- SWMC: Sidewind Micro provides a smooth illuminated surface that can be bent in the XY plane. Dimmable using a dimmable driver.
- TWMC: Topwind Micro provides a smooth illuminated surface that can be bent in the XZ plane. Dimmable using a dimmable driver.
- CRI: Minimum 90 color rendering index
- COLOR CONSISTENCY: 3-step binning LEDs

### 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 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 Ecosystem Lutron controls.
- FEED: 18" of wire provided with connection to a longer wire inside the beginning module. Cable length will be the same as pendant cable length
- EMERGENCY (Optional): Remote emergency battery pack provides backup power for 90 minutes. Remote emergency test switch included.

### MOUNTING

- PENDANT: White round canopy with an aircraft cable of 36 inches is provided by default with the additional choices of black or custom colors. Air craft length can be 18, 36, 48, or 72 inches with the option for custom lengths.
- Mounting brackets are provided to be attached to the pendant kit; allowing for the pendant to be mounted directly into the ceiling. This design is versatile for any location and easily moved.

### CONSTRUCTION

- DIMENSIONS: 0.46" W x 0.44" 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: IP65
- CRI ≥ 90
- 50,000 hours lamp life
- US & International Patents Pending

# ZENLITE® ARC MICRO

## ■ PRODUCTION OPTIONS (Optional for Lighting designers)

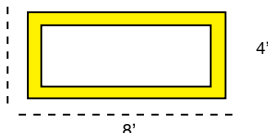
### PRELOADED

Channel is preloaded with light module and cut to specific lengths. Exact field measurements must be provided, factory does not take responsibility for field measurement errors.



### PREASSEMBLED (8'L x 4'W Maximum)

Fixture is assembled to specific size and shape desired with all components.  
**Only available for certain configurations.**  
*Contact factory for more information.*



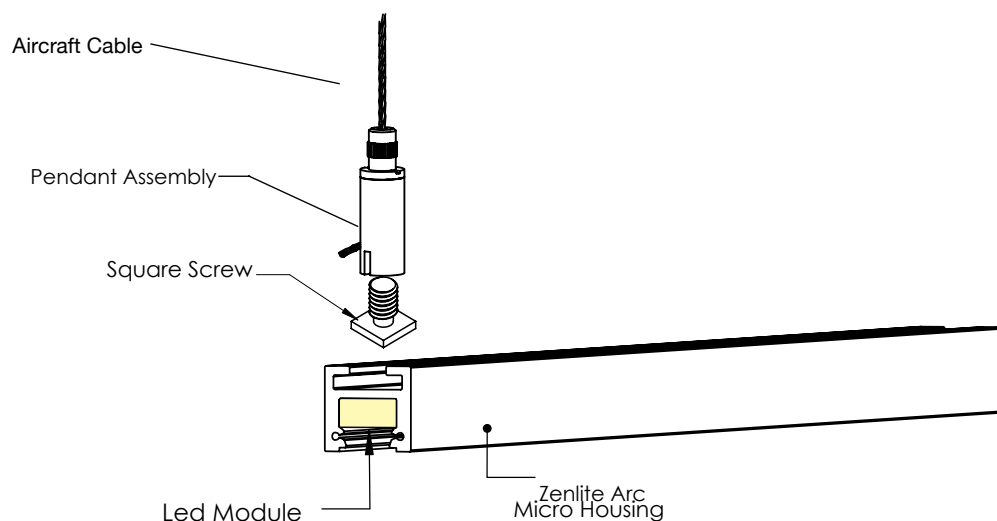
### UNASSEMBLED

Each component of fixture is shipped separately and assembled on the field.



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.

## ■ ASSEMBLY COMPONENTS

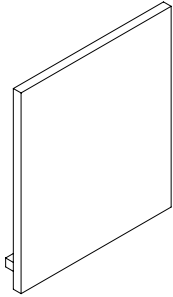


## ■ ASSEMBLED VIEW



## ■ ADDITIONAL COMPONENTS

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



### **End Cap**

Length: .5 inch

Purpose: To be attached at the beginning  
of ZENLITE® housing

Part #: **ZNLT-ARC-MICRO-EDCP**