# ZENLITE® ARC1-PM-ID

Curved LED Indirect Lighting System - Pendant Mount

**preciseLED**
Precision Through Innovation

## ◼ DESCRIPTION

ZENLITE® Arc1 Pendant Mount Indirect is a curved LED Lighting System that shines light in one direction towards the ceiling. It can be specified to any curvature and radius. This fixture can be combined with Arc1 surface and recessed to create one continuous seamless light. ZENLITE® Arc1 Pendant Mount Indirect, along with the rest of the ZENLITE® series, allows for complete freedom of light design.

## ◼ DIMENSIONS



- 0.73"
- 0.48"
- 1.29"
- 0.89"
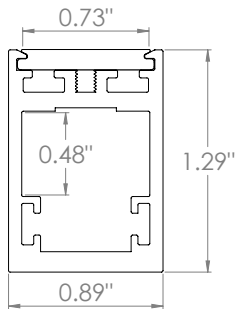
## ◼ ORDERING CODE

Example: **ZNLT-ARC1-PM-ID-AS-157-SC-25R-ACBM-24V-95C-27K-DLNS-WH-5RAW36-MG**

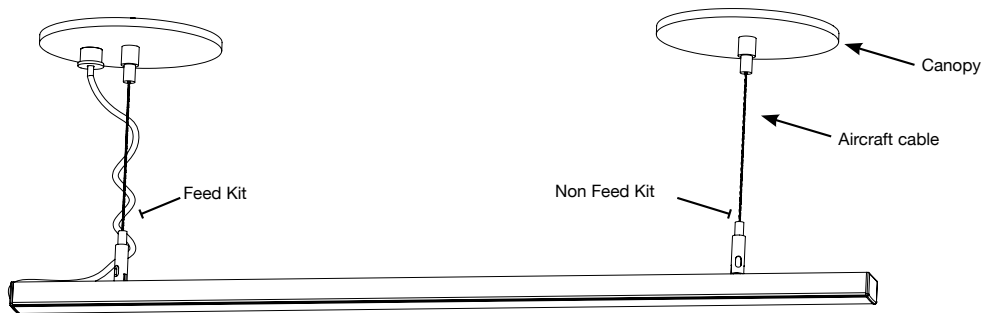| Product | Type | Length | Curve Type | Curve Radius | Light Module Direct \|Cuttable Length \| Watts Per Feet | Voltage |
|---|---|---|---|---|---|---|
| **ZNLT-ARC1-PM-ID** | | | **SC** | | | **24V** |
| **ZNLT-ARC1-PM-ID** | **ST** Straight<br>**AS** Arc segment<br>**CIR** Full Circle | **XX** Length in inches only. Lengths can be specified down to 0.25 inch. | **SC** Side curve **(Default)** | **XXR** Radius in inches<br><br>**Note**: Leave blank for straight run. Use multiple sheets for combination of runs.<br>***There is no minimum or maximum radius. Radii can be set to any length, down to the hundredth of an inch** | **ACBL** Arc Beam Low \|2.83inch \| 2 W/ft<br>**ACBM** Arc Beam \|2.83inch \| 4.4 W/ft<br>**ACBC** Arc Beam Cool \|2.83inch \| 6 W/ft<br>**ACBU** Arc Beam Ultra \|2.83inch \| 8 W/ft<br>**2HRGB** Red/Green/Blue \|3.94inch \| 8.8 W/ft*<br>**2HRGBW** Red/Green/Blue/White \|2.49inch \| 11.8 W/ft*/**<br><br>* 95 CRI does not apply<br>** Available with 3000K and 4000K only<br>*** IP54 rated module available (**ACBS**) | 24V-24V |

| CRI | Color Temp. | Lens | Housing Finish | Pendant | Drivers* |
|---|---|---|---|---|---|
| **95C** | | **DLNS** | | | |
| **95C** ≥ 95 CRI | **27K** 2700K<br>**30K** 3000K<br>**35K** 3500K<br>**40K** 4000K | **DLNS** Diffused Lens | **WH**- White Powder Coated **(Default)**<br>**BK**- Black Powder Coated<br>**XX***- Custom Color RAL#<br><br>* consult factory for availability | **F5RAW36**- Feed 5" **(White)** Round Canopy with 36 inches Aircraft Cable **(Default)**<br>**N5RAB36**- Non Feed 5" **(Black)** Round Canopy with 36 inches Aircraft Cable<br>**Custom**- Enter part# from **Table 1** below:<br>**Note:** Leadwire for tapelight will be the same length as the aircraft cable | **MG** (1% Magnetic Dimming)<br>**ZO** (1% 0-10V Dimming)<br>**NN** Non Dimming<br>**L3** Lutron Hi-lume 1% 3-wire/ EcoSystem (40W max.)<br>**LP** Lutron Hi-lume Premier 0.1% FadeToBlack EcoSystem/3-wire<br>*Drivers are remotely mounted |

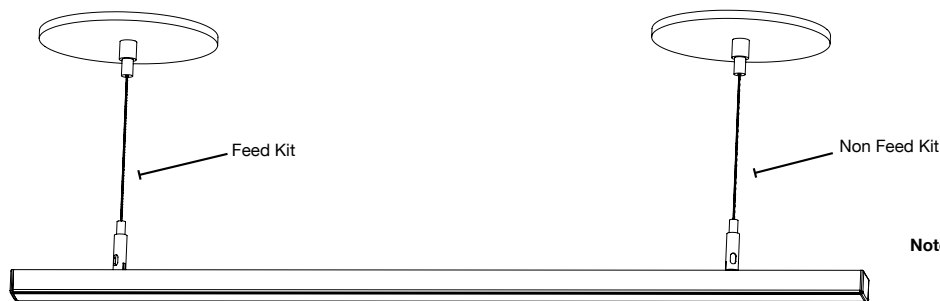## ◼ AIR CRAFT CABLE AND STEM MOUNTING OPTION (TABLE 1)

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

52 Railroad Ave
Valley Stream, NY 11580

www.preciseled.com
info@preciseled.com

# ZENLITE® ARC1-PM-ID

## ◼ PENDANT HARDWARE TYPES

### Aircraft Cable

Canopy

Aircraft cable

Feed Kit

Non Feed Kit

### Power Cable

Feed Kit

Non Feed Kit

**Note:** Lead wire is inside power cable

### Stem

Stem

Feed Kit

Non Feed Kit

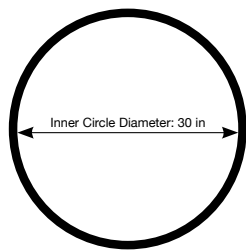## ◼ CURVE TYPE CHART

| Side Curve |
|---|
| Light Source |
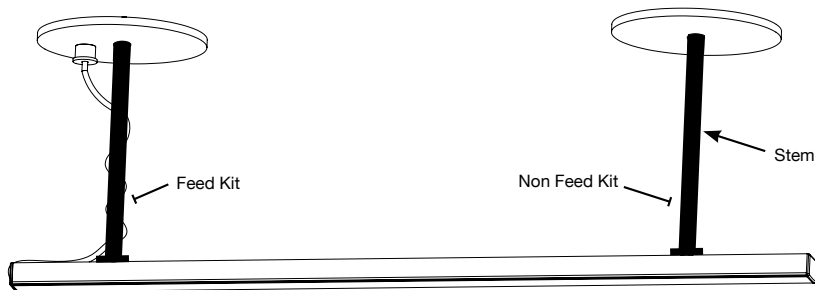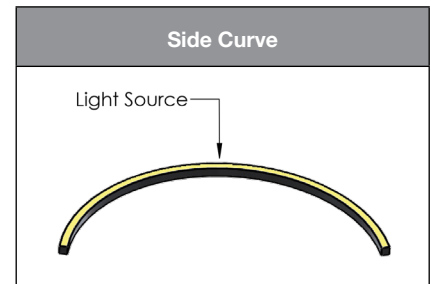
## ◼ PRODUCTION OPTION (Optional for Lighting designers)

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.
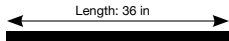
Note: The maximum length of a single channel is 8ft. For runs that are longer than 8ft, multiple 8ft channels need to be join together by means of straight channel connectors. Seamless lenses can be shipped in rolls of lengths up to 40 feet.
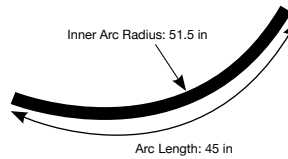
52 Railroad Ave
Valley Stream, NY 11580

www.preciseled.com
info@preciseled.com

# ZENLITE® ARC1-PM-ID

## ■ TYPES OF ZENLITE ARC CHANNELS:

Inner Circle Diameter: 30 in

**Full Circle**
Order info: Radius
Sample order code:
ZNLT-ARC1-PM-ID-CIR-15R-ACBM-24V-95C-27K-MG

Inner Arc Radius: 51.5 in
Arc Length: 45 in

**Arc Segment**
Order info: Radius and Length/Degree
Sample order code:
ZNLT-ARC1-PM-ID-AS-45"-51.5R-ACBM-24V-95C-27K-MG

Arcs with different radii are separated into different segments. Sample order code:
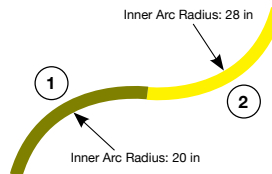
1. ZNLT-ARC1-PM-ID-AS-16-20R-ACBM-24V-95C-27K-MG
2. ZNLT-ARC1-PM-ID-AS-16-28R-ACBM-24V-95C-27K-MG

Length: 36 in

**Straight**
Order info: Length
Sample order code:
ZNLT-ARC1-PM-ID- ST-36-ACBM-24V-95C-27K-MG

Inner Arc Radius: 28 in
Inner Arc Radius: 20 in

## ■ SPECIFICATIONS

### LED SYSTEM

The LED system consists of six different light modules to choose from; ACBL, ACBM, ACBC, ACBU, 2HRGB, and 2HRGBW which are also dimmable using a dimmable driver. They display a clean line of light at the surface of the lens. The light modules are available in four different color temperatures of 2700K, 3000K, 3500K, and 4000K with 2HRGB and 2HRGBW only applicable to 3000K and 4000K. ACBL, ACBM, ACBC, ACBU have a minimum 95CRI (color rendering index) and have gone through a 3-step binning process.

### OPTICS

Silicone lens with UV surface, continuous run up to 40ft.

### ELECTRICAL

**Standard driver** 120-277VAC, drivers are mounted remotely.

**MG driver** is a forward phase 1% magnetic low voltage dimming (dims down to 1%) and flicker free

**ZO driver** is a 1% 0-10V dimming, flicker free, and IP65 rated for both indoor and outdoor use

**NN driver** is a non-dimming, flicker free, and IP65 rated for both indoor and outdoor use

**L3 driver** is a hi-lume 1% EcoSystem 3-Wire Driver, provides continuous and flicker free dimming from 100% to 1%.

**LP driver** is a 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 lead wire is provided and will be the same length as the aircraft 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.

*Consult factory for connection with reccesed version

### CONSTRUCTION

• DIMENSIONS: 0.89" W x 1.29" 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: IP20

• CRI ≥ 95

• 50,000 hours lamp life

• US & International Patents Pending

52 Railroad Ave
Valley Stream, NY 11580

www.preciseled.com
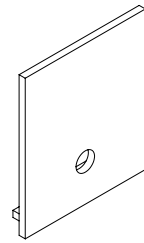info@preciseled.com

## ADDITIONAL COMPONENTS

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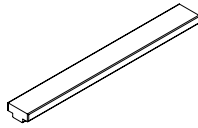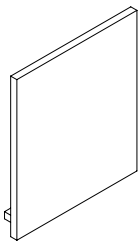


**T-shape Connector**
Length: 2 inches
Purpose: To connect to straight
ZENLITE® Channels
Part #: **ZNLT-CNCT-STRT**
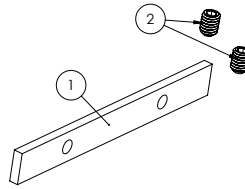


**Metal Channel Connector**
Length: 2 inches
Purpose: To connect to straight ZENLITE®
Channels
Part #: **ZNLT-CNCT-MTL**



**End Cap With Hole**
Length: 1 inch
Purpose: To be attached at the end of
ZENLITE® channel, and hole for lead
wires to come out.
Part #: **ZNLT-ARC1-PM-ID-EDCPH**



**End Cap**
Length: 1 inch
Purpose: To be attached at the
beginning of ZENLITE® channel
Part #: **ZNLT-SM1-EDCP**