

# Zynn 2" Lines + Arcs

AIP12257 2.00 in | Connectors

JOB NAME:

TYPE:

NOTES:

## DESCRIPTION

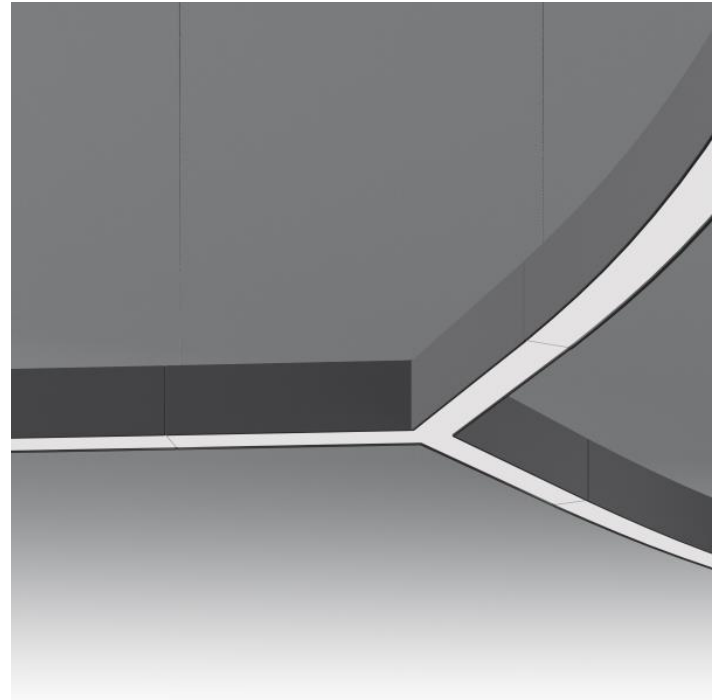
Anything is possible with this creative modular system of luminous lines. Zynn 2" Lines + Arcs makes it fast and easy for you to create extraordinary curvilinear and rectilinear designs – all with standard products. Turn corners, sweep around columns, create geometric shapes, or form intricate patterns with smooth, continuous lines of light. Professional and refined, the system delivers up to 960 lumens per foot. For a complimentary lighting layout, contact our applications team at [SPITeam@spilighting.com](mailto:SPITeam@spilighting.com).

## FEATURES & BENEFITS

- Sleek 2" x 3" profile
- Clean, continuous lines of light with zero pixilation
- Up to 960 lm/ft
- Provides functional lighting with comfortable luminance levels and is ideal for separating open offices, providing wayfinding, or adding markings
- The system can go up to 500' with just one power drop
- Maneuvers easily around obstructions
- Superior fit and finish
- Keeps ceilings clean with minimal mounting hardware
- Hidden internal aircraft cable grippers are easy to adjust
- Integral power supplies with easy daisy chain wiring simplifies installation
- Lines (AIP12255) and Arcs (AIP12256) are ordered separately
- Handcrafted in USA, BABA Compliant

## SPECIFICATIONS

- **LIGHT SOURCE:** White LED light engine
- **DISTRIBUTION:** Direct
- **CRI:** 80+ or 90+
- **LUMEN MAINTENANCE:** L80 = >54,000 Hrs.
- **EFFICACY:** Up to 86 lm/W delivered
- **CCT:** 2700K, 3000K, 3500K, 4000K, 5000K
- **VOLTAGE:** 120-277V standard
- **DRIVER:** Integral Class 2 power supply. Power drop kit required

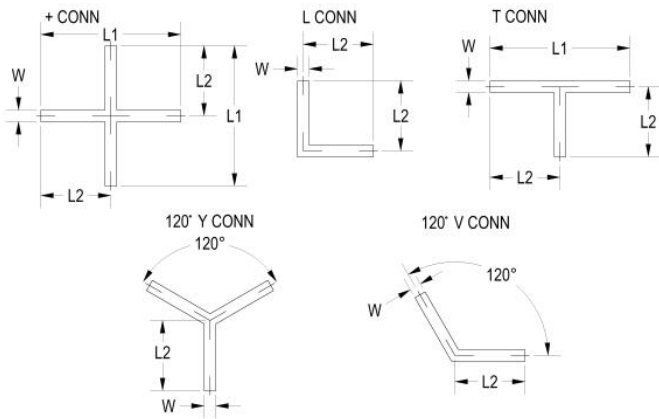


for each continuous run; see catalog CPS12267 to order.

Connect power drops anywhere along the run.

- **MAX AMBIENT OPERATING TEMP:** 32°C (90°F)
- **DIMMING:** 1% minimum dim level standard
- **CONTROLS:** 0-10V standard. Lutron Athena, Current NX, and nLight AIR optional. Contact factory for other controls (e.g., Enlighted, Encelium, Wattstopper, WaveLinx, or Casambi).
- **INTEGRATED SURGE PROTECTION:** LED components are protected against minor surge events
- **DIFFUSER:** Matte opal acrylic
- **CONSTRUCTION:** Housing fabricated from 6000 series aluminum extrusion
- **FINISH:** Choose from 26 standard thermoset polyester powder coat paint colors. RAL®, Pantone®, or custom finishes available upon request.
- **MODIFICATIONS:** Consult factory for all modification requests, including custom angles
- **APPROVALS:** ETL listed to UL standards (US & Canada) for use in damp locations; not recommended for exterior applications

## DIMENSIONS



+ CONN	W	L1	L2	OAH
	2 in	24 in	12 in	54 in
	5.1 cm	61 cm	30.5 cm	137.2 cm

Mounting Weight: Approximate: 10 lb (5 kg)

L CONN	W	L2	OAH
	2 in	12 in	54 in
	5.1 cm	30.5 cm	137.2 cm

Mounting Weight: Approximate: 5 lb (3 kg)

T CONN	W	L1	L2	OAH
	2 in	24 in	12 in	54 in
	5.1 cm	61 cm	30.5 cm	137.2 cm

Mounting Weight: Approximate: 10 lb (5 kg)

120° V CONN	W	L2	OAH
	2 in	12 in	54 in
	5.1 cm	30.5 cm	137.2 cm

Mounting Weight: Approximate: 5 lb (3 kg)

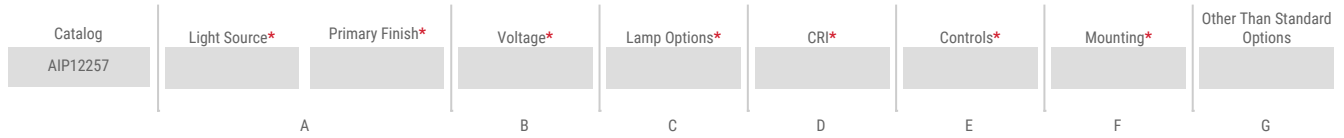
120° Y CONN	W	L2	OAH
	2 in	12 in	54 in
	5.1 cm	30.5 cm	137.2 cm

Mounting Weight: Approximate: 10 lb (5 kg)

## CONFIGURATOR

To configure your spec sheet online, go to [www.spilighting.com/AIP12257](http://www.spilighting.com/AIP12257). Not all options are available in all configurations; consult factory for details.

### Required Field \*



## A - LIGHT SOURCE \*

To ensure color consistency, SPI uses precise bin selection and strict quality processes to maintain a 3-step (MacAdam) SDCM on all white LED lampings. Published LED luminaire wattages are calculated using a typical power supply efficiency of 88%; exact wattages may vary based on application. Alternative wattages available upon request.

### T CONNECTOR

**T CONN-L17W** | White 17W LED Light Engine | Delivered Lumens: 1,460

**T CONN-L34W** | White 34W LED Light Engine | Delivered Lumens: 2,921

**Cust\_Out\_T CONN** |

**Lumen Calculator:** Enter Lumens or Watts if different than displayed

LU Min 1460 - Max 2921

W Min 17.0 - Max 34.0

### L CONNECTOR

**L CONN-L11W** | White 11W LED Light Engine | Delivered Lumens: 945

**L CONN-L22W** | White 22W LED Light Engine | Delivered Lumens: 1,890

**Cust\_Out\_L CONN** |

**Lumen Calculator:** Enter Lumens or Watts if different than displayed

LU Min 945 - Max 1890

W Min 11.0 - Max 22.0

### + CONNECTOR

**+ CONN-L22W** | White 22W LED Light Engine | Delivered Lumens: 1,890

**+ CONN-L44W** | White 44W LED Light Engine | Delivered Lumens: 3,780

**Cust\_Out\_+ CONN** |

**Lumen Calculator:** Enter Lumens or Watts if different than displayed

LU Min 1890 - Max 3780

W Min 22.0 - Max 44.0

### 120° Y CONNECTOR

**120° Y CONN-L17W** | White 17W LED Light Engine | Delivered Lumens: 1,460

**120° Y CONN-L34W** | White 34W LED Light Engine | Delivered Lumens: 2,921

**Cust\_Out\_120° Y CONN** |

**Lumen Calculator:** Enter Lumens or Watts if different than displayed

LU Min 1460 - Max 2921

W Min 17.0 - Max 34.0

### 120° V CONNECTOR

- 120° V CONN-L11W** | White 11W LED Light Engine | Delivered Lumens: 945
- 120° V CONN-L22W** | White 22W LED Light Engine | Delivered Lumens: 1,890

## 120° V CONNECTOR

- 120° V CONN-L11W** | White 11W LED Light Engine | Delivered Lumens: 945
- 120° V CONN-L22W** | White 22W LED Light Engine | Delivered Lumens: 1,890
- Cust\_Out\_120° V CONN** |

**Lumen Calculator:** Enter Lumens or Watts if different than displayed

	LU	Min 945 - Max 1890
	W	Min 11.0 - Max 22.0

See last page for finish options

\*For requests outside Min-Max range, please contact factory.

## B - VOLTAGE \*

- 120-277V | Universal Voltage

## C - LAMP OPTIONS \*

Apply multiplier from chart for delivered lumens at other CCT's and CRI's.

- 2700K | 2700K CCT
- 3000K | 3000K CCT
- 3500K | 3500K CCT
- 4000K | 4000K CCT
- 5000K | 5000K CCT

	80 CRI	90 CRI
2700K	0.91	0.77
3000K	0.94	0.80
3500K	0.97	0.82
4000K	1.00	0.85
5000K	1.00	0.85

## D - CRI \*

- DF\_80 | (default)
- 90

## E - CONTROLS \*

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Extended lead times may apply for controls other than 0-10V. Contact factory for additional control options such as Enlighted, Encelium, Wattstopper, WaveLinx, Casambi, or others.

- DF\_DIM1 | 0-10V Control, 1% Dimming (default)
- AWRN <sup>1</sup> | Lutron Athena Wireless Node, 1% Dimming
- NX <sup>1</sup> | Current NX Wireless, 1% Dimming
- NLTA <sup>1</sup> | Acuity nLight Air, 1% Dimming

<sup>1</sup> Contact factory for complimentary layout including controls package.

## F - MOUNTING \*

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For mounting center information, go to <https://www.spilighting.com/AIP12257> > Downloads > Install Sheets. Power drop canopy mounts to standard 4" octagonal junction box. Field adjustable aircraft cables allow fixture to be mounted at an application appropriate height (up to OAH). The aircraft ceiling coupler can be connected to the power drop canopy or can be separated from the power drop canopy to gain flexibility in mounting. See Downloads on website for mounting center measurements. Aircraft cable suspension uses ceiling coupler to mount to structure above. Coupler accepts 1/4-20 threaded rod or can be anchored using through hole (hardware by others). **INSTALLATION NOTES:** During installation, the contractor is responsible for using the actual fixtures to ensure accurate mounting centers from one fixture to the next along the length of the linear run.

- DF\_AC | Aircraft Cable (default)

## G - OTHER THAN STANDARD OPTIONS

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Specify overall height required from ceiling to the bottom of the fixture.

OAH | Pendant suspension length other than standard

## Standard Finishes

The colors shown are representative. Their actual appearance may vary due to differences in display settings. You can request color chips by emailing [contact@spilighting.com](mailto:contact@spilighting.com). Please note, finishes may not be available in all configurations.

### Paint Colors

<b>PT01</b> RAL9003 Signal White (Gloss)	<b>PT51</b> Matte White (Textured)	<b>PT02</b> White (Textured)	<b>PT04</b> RAL9001 Cream (Textured)	<b>PT67</b> RAL7044 Silk Grey (Textured)
<b>PT53</b> RAL7035 Light Grey (Textured)	<b>PT54</b> RAL7037 Dusty Grey (Textured)	<b>PT55</b> RAL7012 Basalt Grey (Textured)	<b>PT56</b> RAL7016 Anthracite Grey (Textured)	<b>PT11</b> Black (Textured)
<b>PT57</b> RAL1015 Light Ivory (Textured)	<b>PT58</b> RAL8004 Copper Brown (Textured)	<b>PT59</b> RAL6021 Pale Green (Textured)	<b>PT60</b> RAL1019 Grey Beige (Textured)	<b>PT61</b> RAL7006 Beige Grey (Textured)
<b>PT62</b> RAL1003 Signal Yellow (Textured)	<b>PT63</b> RAL3001 Signal Red (Textured)	<b>PT64</b> RAL6001 Emerald Green (Textured)	<b>PT65</b> RAL5005 Signal Blue (Textured)	<b>PT66</b> RAL5003 Sapphire Blue (Textured)

### Metallic Paint Colors

<b>PT22</b> Platinum (Metallic Gloss)	<b>PT48</b> Brass (Metallic Textured)	<b>PT28</b> Dark Stainless (Metallic Gloss)	<b>PT49</b> Bronze (Metallic Textured)	<b>PT32</b> Dark Bronze (Metallic Gloss)
<b>PT46</b> Aluminum (Metallic Textured)				

## Specialty Finishes



More RAL®, Pantone®, and custom finishes are available upon request. Setup fee and additional lead time applies. Call factory for details.