

Novato Lines + Arcs

AIP12073 5.00 in | Connectors

JOB NAME:

TYPE:

NOTES:

DESCRIPTION

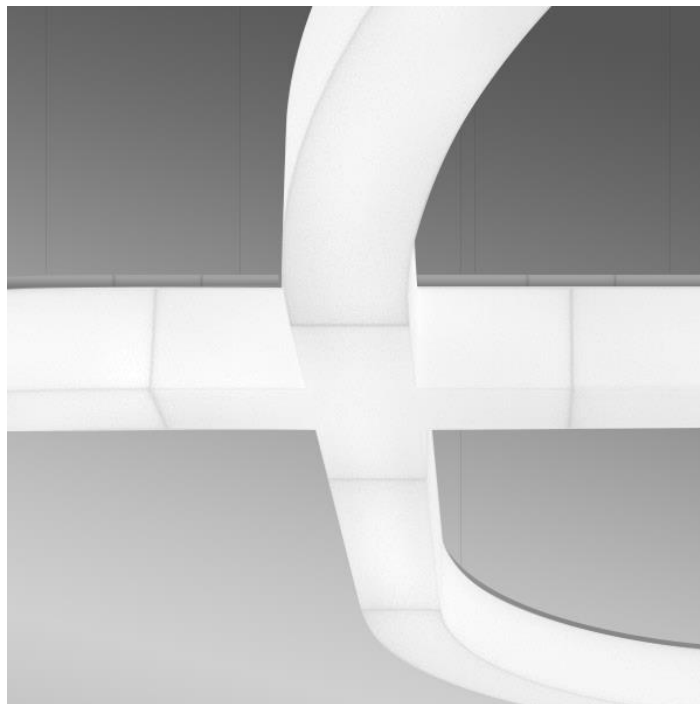
These architectural building blocks are fundamental design tools that enable endless expression of your lighting ideas to meet specific customer requirements. Paired with Novato Lines + Arcs, these connectors deliver illumination tailored to fit each unique space. Whether a simple luminous line is needed or a complex pattern combining luminous angles and sweeping curves, this lighting provides limitless possibilities. For a complimentary lighting layout, contact our applications team at SPIteam@spilighting.com.

FEATURES & BENEFITS

- Designed for use with Novato Lines + Arcs which are ordered separately; see catalog ID AIP12071 and AIP12072
- Fully enclosed three-sided luminous form brightens horizontal and vertical planes
- Provides functional lighting with comfortable luminance levels
- Matte acrylic diffuser emanates filtered, uniform illumination with higher light transmission than traditional opal acrylic
- Strong lines yield a distinctive visual presence
- Ideal for separating open offices, providing wayfinding or adding markings
- Up to 550' of continuous light with just one power drop
- Maneuvers easily around obstructions
- Easy daisy chain wiring simplifies installation
- Materials, cross-section, and product details match the entire Novato Family; expand your drawer of design tools using matching pieces
- Handcrafted in USA, BABA Compliant

SPECIFICATIONS

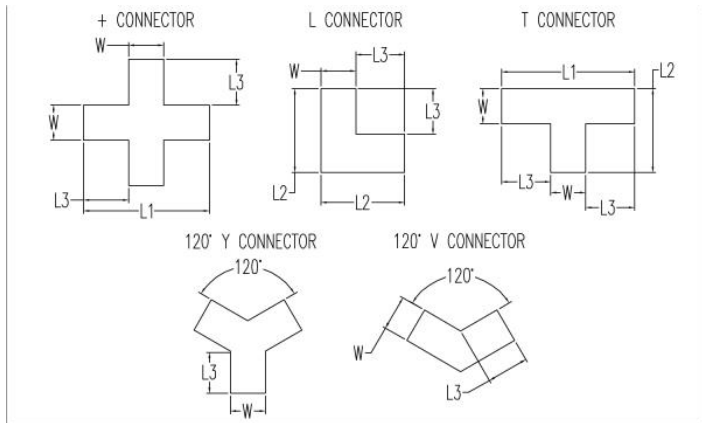
- **LIGHT SOURCE:** White LED light engine
- **CRI:** 80+ or 90+
- **LUMEN MAINTENANCE:** L70 = >50,000 Hrs.
- **EFFICACY:** 104 lm/W delivered
- **CCT:** 2700K, 3000K, 3500K, 4000K, 5000K
- **VOLTAGE:** 120-277V standard
- **DRIVER:** Integral Class 2 power supply. Power drop kit required



for each continuous run of fixtures; see catalog CPS12153 to order. Connect power drops anywhere along the run.

- **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).
- **CONSTRUCTION:** Powerful magnetic connections strengthen joints
- **FINISH:** The top plate and channel are painted PT01 (Signal White, RAL9003)
- **MODIFICATIONS:** Consult factory for all modification requests
- **APPROVALS:** ETL listed to UL standards (US & Canada) for use in damp locations; not recommended for exterior applications

DIMENSIONS



| | | | | |
|-------------------|-----------------------------|-------------------------------|------------------------------|---------------------------------|
| + CONN | W 5 in 12.7 cm | L1 19 in 48.3 cm | L3 7 in 17.8 cm | OAH 48 in 121.9 cm |
|-------------------|-----------------------------|-------------------------------|------------------------------|---------------------------------|

Mounting Weight: Approximate: 5 lb (3 kg)

| | | | | |
|-------------------|-----------------------------|-------------------------------|------------------------------|---------------------------------|
| L CONN | W 5 in 12.7 cm | L2 12 in 30.5 cm | L3 7 in 17.8 cm | OAH 48 in 121.9 cm |
|-------------------|-----------------------------|-------------------------------|------------------------------|---------------------------------|

Mounting Weight: Approximate: 5 lb (3 kg)

| | | | | | |
|-------------------|-----------------------------|-------------------------------|-------------------------------|------------------------------|---------------------------------|
| T CONN | W 5 in 12.7 cm | L1 19 in 48.3 cm | L2 12 in 30.5 cm | L3 7 in 17.8 cm | OAH 48 in 121.9 cm |
|-------------------|-----------------------------|-------------------------------|-------------------------------|------------------------------|---------------------------------|

Mounting Weight: Approximate: 5 lb (3 kg)

| | | | |
|------------------------|-----------------------------|------------------------------|---------------------------------|
| 120° V CONN | W 5 in 12.7 cm | L3 7 in 17.8 cm | OAH 48 in 121.9 cm |
|------------------------|-----------------------------|------------------------------|---------------------------------|

Mounting Weight: Approximate: 5 lb (3 kg)

| | | | |
|------------------------|-----------------------------|------------------------------|---------------------------------|
| 120° Y CONN | W 5 in 12.7 cm | L3 7 in 17.8 cm | OAH 48 in 121.9 cm |
|------------------------|-----------------------------|------------------------------|---------------------------------|

Mounting Weight: Approximate: 5 lb (3 kg)

CONFIGURATOR

To configure your spec sheet online, go to www.spilighting.com/AIP12073. Not all options are available in all configurations; consult factory for details.

Required Field *

| | | | | | | | |
|---------------------|---------------|----------|---------------|------|-----------|-----------|-----------------------------|
| Catalog AIP12073 | Light Source* | Voltage* | Lamp Options* | CRI* | Controls* | Mounting* | Other Than Standard Options |
| | A | B | C | D | E | F | G |

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-L11W | White 11W LED Light Engine | Delivered Lumens: 1,145

T CONN-L22W | White 22W LED Light Engine | Delivered Lumens: 2,290

Cust_Out_T CONN |

Lumen Calculator: Enter Lumens or Watts if different than displayed

LU Min 1145 - Max 2290

W Min 11.0 - Max 22.0

L CONNECTOR

L CONN-L8W | White 8W LED Light Engine | Delivered Lumens: 833

L CONN-L14W | White 14W LED Light Engine | Delivered Lumens: 1,457

Cust_Out_L CONN |

Lumen Calculator: Enter Lumens or Watts if different than displayed

LU Min 833 - Max 1457

W Min 8.0 - Max 14.0

+ CONNECTOR

+ CONN-L13W | White 13W LED Light Engine | Delivered Lumens: 1,353

+ CONN-L25W | White 25W LED Light Engine | Delivered Lumens: 2,603

Cust_Out_+ CONN |

Lumen Calculator: Enter Lumens or Watts if different than displayed

LU Min 1353 - Max 2602

W Min 13.0 - Max 25.0

120° Y CONNECTOR

120° Y CONN-L8W | White 8W LED Light Engine | Delivered Lumens: 833

120° Y CONN-L16W | White 16W LED Light Engine | Delivered Lumens: 1,666

Cust_Out_120° Y CONN |

Lumen Calculator: Enter Lumens or Watts if different than displayed

LU Min 833 - Max 1666

W Min 8.0 - Max 16.0

120° V CONNECTOR

120° V CONN-L6W | White 6W LED Light Engine | Delivered Lumens: 625

120° V CONN-L11W | White 11W LED Light Engine | Delivered Lumens: 1,145

120° V CONNECTOR

120° V CONN-L6W | White 6W LED Light Engine | Delivered Lumens: 625

120° V CONN-L11W | White 11W LED Light Engine | Delivered Lumens: 1,145

Cust_Out_120° V CONN |

Lumen Calculator: Enter Lumens or Watts if different than displayed

LU Min 625 - Max 1145

W Min 6.0 - Max 11.0

*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 *

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 ¹ | Lutron Athena Wireless Node, 1% Dimming
- NX ¹ | Current NX Wireless, 1% Dimming
- NLTA ¹ | Acuity nLight Air, 1% Dimming

¹ Contact factory for complimentary layout including controls package.

F - MOUNTING *

For mounting center information, go to <https://www.spilighting.com/AIP12073> > 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 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 to use actual fixtures to ensure accurate mounting centers from one fixture to the next along the length of the linear run. All ends of Connectors are magnetized. Units ship with one aircraft cable and one connector splice box. Connectors do not include a power drop kit; see catalog ID CPS12153 to order.

DF_AC | Aircraft Cable (default)

G - OTHER THAN STANDARD OPTIONS

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

OAH | Pendant suspension length other than standard