

ALUZ

A1 Series | Surface ZYZY Standard RGBW (A1-ZYZY-STN-RGBW)

TYPE



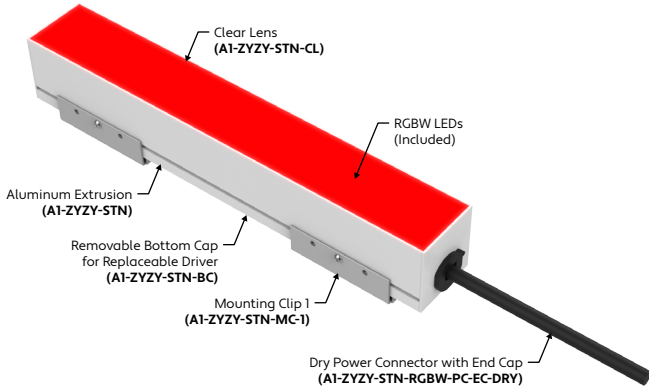
DRY
DAMP

CLOSET
RATED



ROHS
COMPLIANT

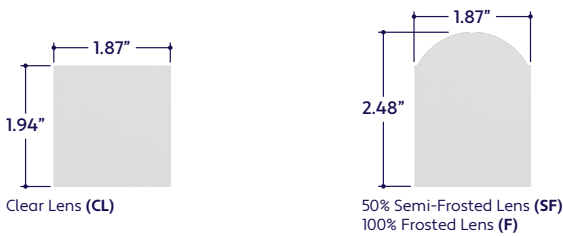
TITLE 24
JA8



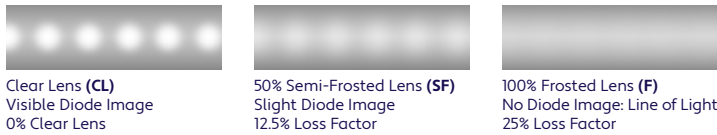
GENERAL FEATURES

| | |
|----------------------------|--|
| Applications | Indirect and Direct Lighting |
| Lens | Clear, 50% Semi-Frosted, or 100% Frosted |
| Length | Built to Order: Standard 4' Lengths and Custom Lengths Specify Overall Length (Minimum: 1'4", Maximum: 8') Example: 7'8" = One 7'8" luminaire (Custom Length) Example: 3'2" = One 3'2" luminaire (Custom Length) Example: 13'6" = 4' + 4' + 4' + 1'6" Example: 23'8" = 4' + 4' + 4' + 4' + 4' + 3'8" |
| Construction | Aluminum Extrusion |
| Weight | 1.09 lbs per foot |
| Mounting | Mounting Clips (Sold Separately) |
| Listing | Dry or Damp Location UL1598, CSA C22.2#250.0 UL8750, CSA250 UL2108, 67.1.9, 60.4, CSA C22.2 #9 |
| Driver | Integral (Driver on Board) |
| Temperature Ratings | Operating / Startup: -20° to 48°C (-4° to 120°F) Storage: -40° to 76°C (-40° to 170°F) |
| Installation Link | |

END VIEWS / DIMENSIONS



LENS / OPTICS APPEARANCE



ELECTRICAL

| | |
|---|--|
| Dimming | DMX |
| Maximum Run (Line Voltage Integral Driver) | 100' (3W), 64' (5W), 53' (6W), 40' (8W), 35' (9W), 26' (12W) |
| Luminaire Voltage | 120V - 277V (UNV) |

SPECIFY PRODUCT CODE | CHOOSE FROM DROP DOWNS

| Series | Lens | Finish | Watts per Foot | Dimming | Feed Point | Listing | Luminaire Voltage | Luminaire Length |
|--|-------------------------------|----------------------------------|----------------|------------------------------------|--|-----------------|--|--|
| A1-ZYZY-STN-RGBW | | | | DMX | | | UNV | |
| ZYZY Standard RGBW Color Changing: Red, Green, Blue, White (A1-ZYZY-STN-RGBW) | Clear Lens (CL) | Natural Silver ¹ (NA) | 3 Watts (3W) | DMX-512 ² (DMX) | End Feed ³ (EF) | Indoor (DRY) | 120V - 277V Line Voltage ⁴ (UNV) | Specify Length in Feet & Inches Example: 7'8" |
| | | White (WH) | 5 Watts (5W) | | Bottom Feed (BF) | | | |
| | 50% Semi-Frosted Lens (SF) | Satin (SA) | 6 Watts (6W) | Side Feed Left (SFL) | Outdoor (DAMP) | | | |
| | | Black (BK) | 8 Watts (8W) | Side Feed Right ⁴ (SFR) | | | | |
| 100% Frosted Lens: Line of Light (F) | | | 9 Watts (9W) | | Back of Fixture Feed ⁵ (BFF) | | | |
| | | | 12 Watts (12W) | | | | | |

Note: Maximum length for line voltage (Integral Driver) is 320 watts per run. **Example:** 320 watts ÷ 8 watts per foot = 40 feet max run.

- ¹ Default finish is Natural Silver (NA) if left blank.
- ² Default DMX address of each fixture is 001. Consult third party DMX commissioner to modify at time of installation. 2' minimum luminaire length.
- ³ Default feed point is End Feed (EF) if left blank.
- ⁴ Default Side Feed direction is Right (SFR) if unspecified.
- ⁵ 3' Minimum luminaire length for (BFF) Feed Point.
- ⁶ Integral drivers wattage sized based on length of run. **Example:** 5' run x 3 watts per foot = 15 watts. Driver will be sized to 15 watts maximum.

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Specification Submittal

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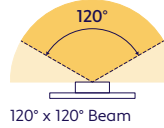
LAMP SPECIFICATIONS

| Lamp Number | Description | L70 LED Life |
|-------------|---|--------------|
| RGBW | Color Changing: Red, Green, Blue, White (3000K) | 40,000 hours |

LAMP FEATURES

| | |
|-----------|---|
| Lamp Type | Quad-Chip RGBW LEDs (No Mercury) |
| CRI | > 84 (Based on White @ Full Output) |
| Efficacy | 78 Lumens per Watt: All colors @ Full Output (RGBW) 56 Lumens per Watt: Red @ Full Output (R) 79 Lumens per Watt: Green @ Full Output (G) 45 Lumens per Watt: Blue @ Full Output (B) 124 Lumens per Watt: White @ Full Output (W) |

BEAM ANGLES



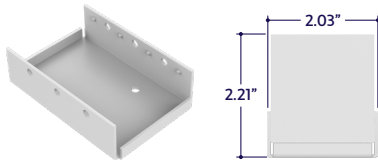
FEED POINTS



Note: Account for the cordgrip dimensions when measuring.
Add 0.15" for (EF) and (BFF).
Add 0.55" for (BF), (SFL), and (SFR).

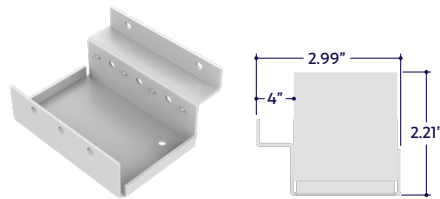
MOUNTING OPTIONS (Sold Separately)

Note: Mounting clips are only available in Natural Silver Finish, unless otherwise specified.



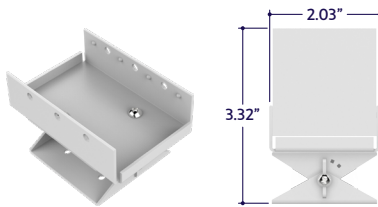
| Part # | Qty. |
|------------------|------|
| A1-ZYZY-STN-MC-1 | |

Note: Use 1 mounting clip per 2', rounded up.
Click on image to see cut sheet for additional details.



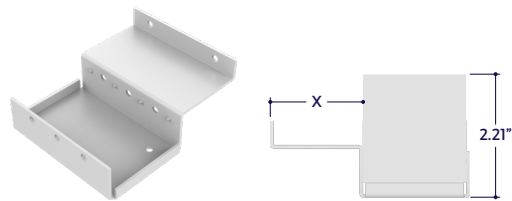
| Part # | Qty. |
|------------------|------|
| A1-ZYZY-STN-MC-2 | |

Note: Use 1 mounting clip per 2', rounded up.
Click on image to see cut sheet for additional details.



| Part # | Qty. |
|------------------|------|
| A1-ZYZY-STN-MC-3 | |

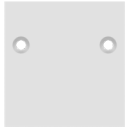
Note: Use 1 mounting clip per 2', rounded up.
Click on image to see cut sheet for additional details.



| Part # | Length | Qty. |
|-------------------|--------|------|
| A1-ZYZY-STN-MC-4- | | |

Note: Use 1 mounting clip per 2', rounded up.
Click on image to see cut sheet for additional details.

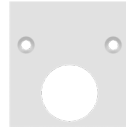
END CAPS (Sold Separately)



Flat End Cap
(A1-ZYZY-STN-EC)

| Part # | Qty. |
|----------------|------|
| A1-ZYZY-STN-EC | |

Note: Flat End Cap only for Clear Lens (CL).



Flat End Cap with Hole
(A1-ZYZY-STN-EC-H)

| Part # | Qty. |
|------------------|------|
| A1-ZYZY-STN-EC-H | |

Note: Flat End Cap only for Clear Lens (CL).



Round End Cap
(A1-ZYZY-STN-EC-SF)
(A1-ZYZY-STN-EC-F)

| Part # | Qty. |
|------------------|------|
| A1-ZYZY-STN-EC-F | |
| A1-ZYZY-STN-EC-F | |

Note: Round End Cap only for Semi-Frosted (SF) or Frosted (F) Lenses.

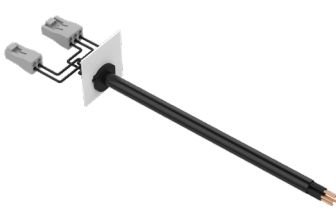


Round End Cap with Hole
(A1-ZYZY-STN-EC-SF-H)
(A1-ZYZY-STN-EC-F-H)

| Part # | Qty. |
|--------------------|------|
| A1-ZYZY-STN-EC-F-H | |
| A1-ZYZY-STN-EC-F-H | |

Note: Round End Cap is for Semi-Frosted (SF) or Frosted (F) Lenses Only.

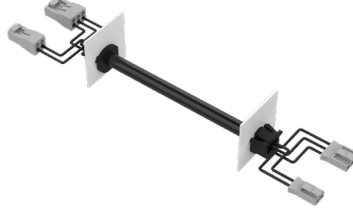
CONNECTORS (Sold Separately)



Dry Power Connector with End Cap
(A1-ZYZY-STN-RGBW-PC-EC-DRY-X)
X = Specify Cable Length, 6' Default

| Part # | Length | Qty. |
|-----------------------------|--------|------|
| A1-ZYZY-STN-RGBW-PC-EC-DRY- | | |

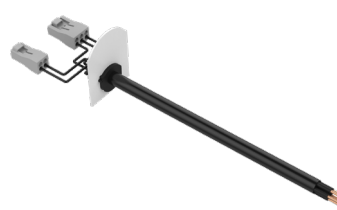
Note: Use 1 Dry Power Connector with End Cap for each dry location power lead.



Dry Jumper Cable with End Caps
(A1-ZYZY-STN-RGBW-JC-EC-DRY-X)
X = Specify Cable Length, 6" Default

| Part # | Length | Qty. |
|-----------------------------|--------|------|
| A1-ZYZY-STN-RGBW-JC-EC-DRY- | | |

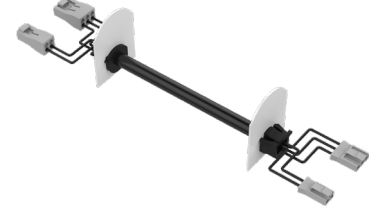
Note: Use 1 Dry Jumper Cable for each instance where the run will transverse a corner or an obstacle.



Dry Power Connector with End Cap
(A1-ZYZY-STN-RGBW-PC-EC-SF-DRY-X)
(A1-ZYZY-STN-RGBW-PC-EC-F-DRY-X)
X = Specify Cable Length, 6' Default

| Part # | Length | Qty. |
|--------------------------------|--------|------|
| A1-ZYZY-STN-RGBW-PC-EC-SF-DRY- | | |
| A1-ZYZY-STN-RGBW-PC-EC-F-DRY- | | |

Note: Use 1 Dry Power Connector with End Cap for each dry location power lead.



Dry Jumper Cable with End Caps
(A1-ZYZY-STN-RGBW-JC-EC-SF-DRY-X)
(A1-ZYZY-STN-RGBW-JC-EC-F-DRY-X)
X = Specify Cable Length, 6" Default

| Part # | Length | Qty. |
|--------------------------------|--------|------|
| A1-ZYZY-STN-RGBW-JC-EC-SF-DRY- | | |
| A1-ZYZY-STN-RGBW-JC-EC-F-DRY- | | |

Note: Use 1 Dry Jumper Cable for each instance where the run will transverse a corner or an obstacle.

DMX ACCESSORIES (Sold Separately)



| Part # | Qty. |
|---------------|------|
| CTRL-DMX-128C | |

Note: Controls up to 128 DMX Channels, or up to 32 RGBW light fixtures.

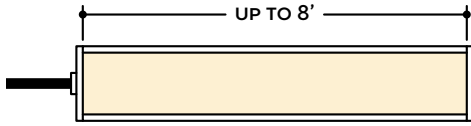


| Part # | Qty. |
|----------------|------|
| CTRL-DMX-1024C | |

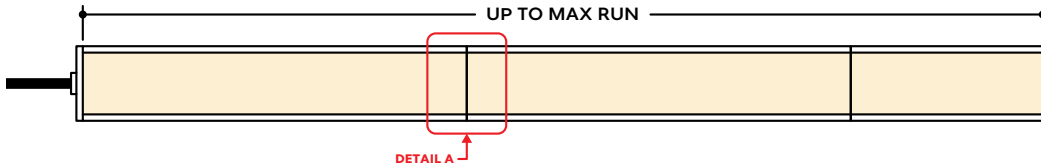
Note: Controls up to 1024 DMX Channels, or up to 256 RGBW light fixtures.

DESIGN GUIDELINES

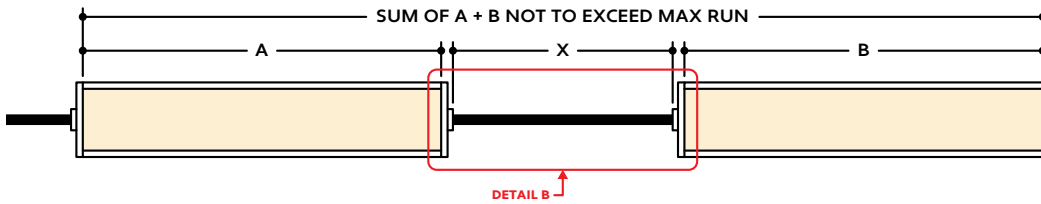
Individual Fixture



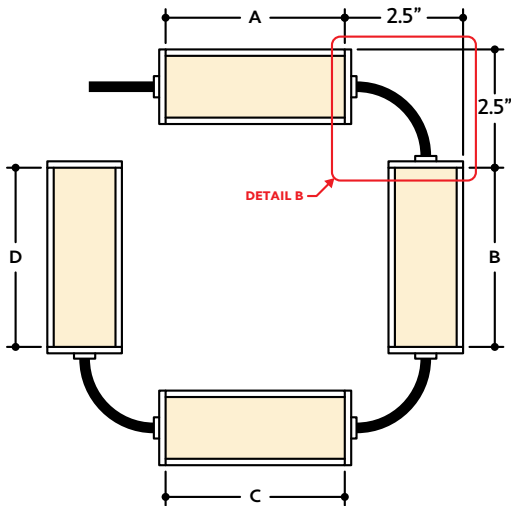
Continuous Run



Run with Jumper Cable



Run with Square Layout



KEY

Detail A

Continuous Connection (Dry Location): Luminaire segments connect using internal continuous connectors, leaving no gaps between segments, with a mounting clip holding the two segments together. Refer to installation instructions for additional information.

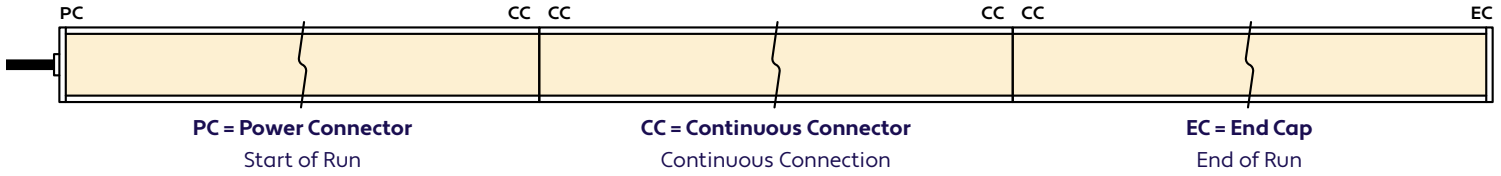
Detail B

Jumper Cable: Used to span a corner or traverse a gap or obstacle in the installation area.

Note: Drawings not to scale. Product may differ from examples shown.

CONNECTION SEQUENCE

Dry Location

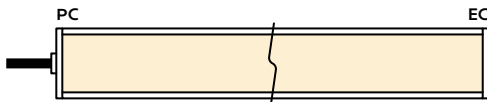


- Specifying a layout is not required to place an order.
- Configuration code applies to full length ordered and will be built per the Continuous Run models on Design Guidelines.
- Connector type subject to change based on availability and listing. Refer to Design Guidelines for details.

HOW TO SPECIFY CONFIGURATIONS

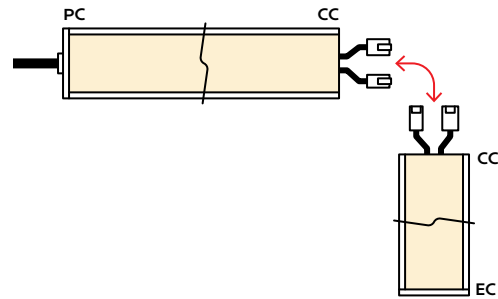
Example: 20' Straight Run

- 1x A1-ZYZY-STN-RGBW-CL-NA-3W-10V-EF-DRY-24V-UNV-20'-PC-EC



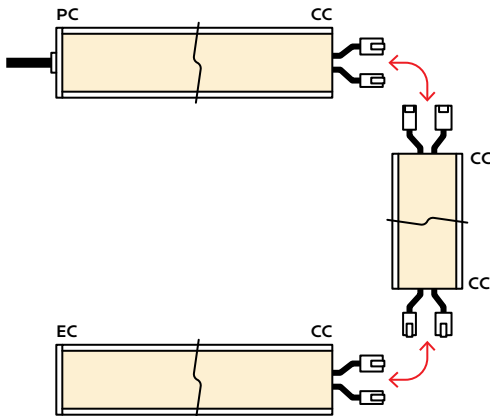
Example: 25' L-Shaped Run

- 1x A1-ZYZY-STN-RGBW-CL-NA-3W-10V-EF-DRY-24V-UNV-12'-PC-CC
- 1x A1-ZYZY-STN-RGBW-CL-NA-3W-10V-EF-DRY-24V-UNV-13'-CC-EC



Example: 30' U-Shaped Run

- 1x A1-ZYZY-STN-RGBW-CL-NA-3W-10V-EF-DRY-24V-UNV-6'-PC-CC
- 1x A1-ZYZY-STN-RGBW-CL-NA-3W-10V-EF-DRY-24V-UNV-18'-CC-CC
- 1x A1-ZYZY-STN-RGBW-CL-NA-3W-10V-EF-DRY-24V-UNV-6'-CC-EC



Example: 28' Rectangle Shaped Run

- 1x A1-ZYZY-STN-RGBW-CL-NA-3W-10V-EF-DRY-24V-UNV-11'-PC-CC
- 1x A1-ZYZY-STN-RGBW-CL-NA-3W-10V-EF-DRY-24V-UNV-3'-CC-CC
- 1x A1-ZYZY-STN-RGBW-CL-NA-3W-10V-EF-DRY-24V-UNV-11'-CC-CC
- 1x A1-ZYZY-STN-RGBW-CL-NA-3W-10V-EF-DRY-24V-UNV-3'-CC-EC

