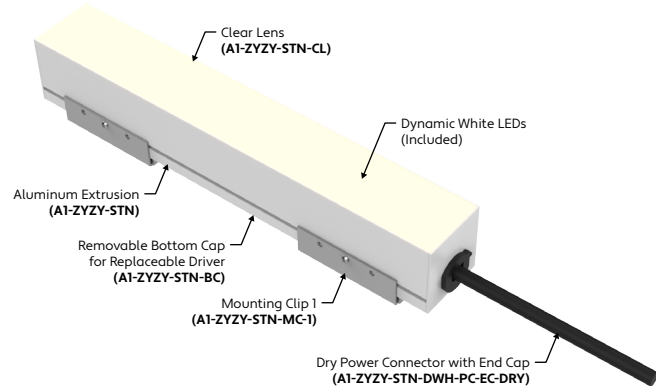


ALUZ

A1 Series | Surface ZYZY Standard Dynamic White (A1-ZYZY-STN-DWH)

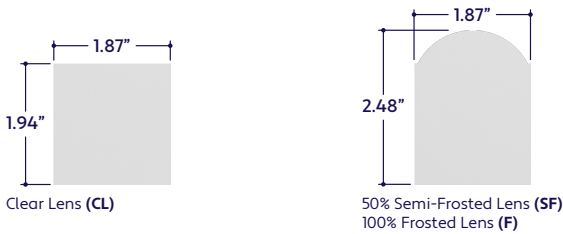
TYPE



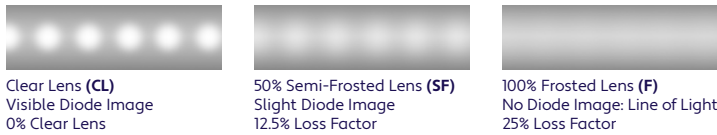
GENERAL FEATURES

Applications	Indirect and Direct Lighting
Lens	Clear, Frosted, or Semi-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' + 3'8"
Construction	Aluminum Extrusion
Weight	1.18 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	0-10V, DMX, DALI (Type 6)
Maximum Run (Line Voltage Integral Driver)	100' (1.5W, 2W, 3W) 80' (4W), 64' (5W), 53' (6W), 45' (7W), 26' (12W)
Luminaire Voltage	120V - 277V (UNV)

COMPATIBLE CONTROL INTERFACES

- 0-10V
- DALI2
- DMX
- Acuity Controls / nLight
- eldoLED
- Distech Controls
- Legrand
- Wattstopper
- Pass & Seymour
- Leviton
- Crestron / Cresnet / SolarSync
- Eaton
- Tridonic / Bluetooth

SPECIFY PRODUCT CODE | CHOOSE FROM DROP DOWNS

Series	Lens	Finish	CCT Gamut		Watts per Foot	Control Interface	Feed Point	Listing	Luminaire Voltage	Luminaire Length
			Low CCT	High CCT						
A1-ZYZY-STN-DWH										
ZYZY Standard Dynamic White (A1-ZYZY-STN-DWH)	Clear Lens (CL)	White (WH)	2000K (20K)	3000K (30K)	1.5 Watts (1.5W)	DALI*1 (DALI)	End Feed*1 (EF)	Indoor (DRY)	120V - 277V Line Voltage*6 (UNV)	Specify Length in Feet & Inches Example: 7'8"
		50% Semi-Frosted Lens (SF)	Satin (SA)	2200K (22K)	3500K (35K)		2 Watts (2W)			
	Black (BK)		2400K (24K)	4000K (40K)	3 Watts (3W)	Side Feed Left (SFL)				
			2700K (27K)	4500K (45K)	4 Watts (4W)	Side Feed Right*6 (SFR)				
			5000K (50K)	5 Watts (5W)	Back of Fixture Feed*5 (BFF)					
	100% Frosted Lens: Line of Light (F)		5500K (55K)	6 Watts (6W)						
		6000K (60K)	7 Watts (7W)							
	6500K (65K)	12 Watts (12W)								

*1 DALI Type 8 (DT8): DALI commissioning must be performed by a third party at the time of installation. ALUZ does not provide DALI commissioning. Minimum luminaire length: 2'.
 *2 Default DMX address of each luminaire is 001. Consult third party DMX commissioner to modify at time of installation. Minimum luminaire length: 2'.
 *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 4 watts per foot = 20 watts. Driver will be sized to 20 watts maximum.

620 South Richfield Rd, Placentia, CA 92870

aluz.lighting | info@aluz.lighting | 866.ALUZ.LTG | 714.535.7900

© ALUZ All Rights Reserved. ALUZ reserves the right to make changes or withdraw specifications without prior notice.

Specification Submittal

Page 1 of 5

12 / 5 / 2025 / Rev 14



LAMP SPECIFICATIONS

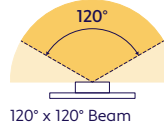
Gamut Range	Description	L70 LED Life
20K - 35K	Dynamic White: 2000 Kelvin - 2500 Kelvin	60,000 hours
27K - 65K	Dynamic White: 2700 Kelvin - 6500 Kelvin	

LAMP FEATURES

Lamp Type	High Output LEDs (No Mercury)
CRI	> 90
Efficacy	122 Lumens per Watt (Based on 3500K CCT LED) 142 Lumens per Watt (Based on 6500K CCT LED)

Note: Lumens per Watt based on highest tested CCT value of each gamut. Refer to Photometry data for additional information.

BEAM ANGLES



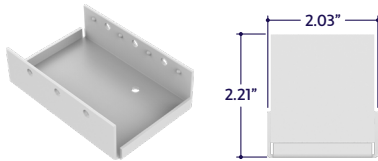
FEED POINTS



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

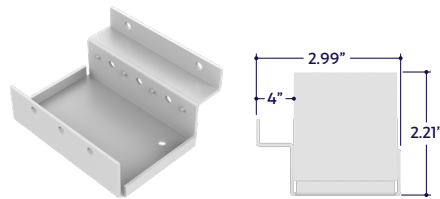
MOUNTING OPTIONS (Sold Separately)

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



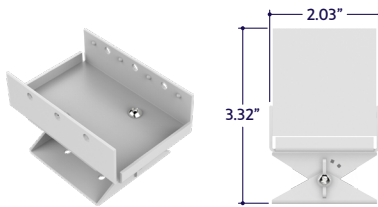
Part #	Qty.
A1-ZYZY-STN-MC-1	

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



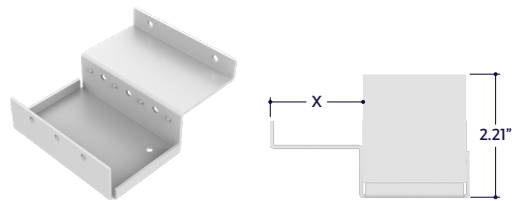
Part #	Qty.
A1-ZYZY-STN-MC-2	

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	

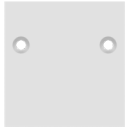
Note: Use 1 mounting clip per 2', rounded up. Click on image to see cut sheet for additional details.



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.

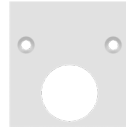
END CAPS (Sold Separately)



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.

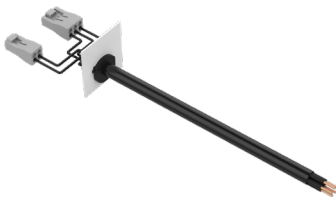


Round End Cap with Hole
(A1-ZYZY-STN-EC-SF-H)
(A1-ZYZY-STN-EC-F-H)

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.

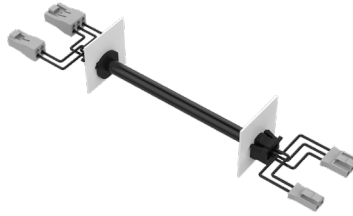
CONNECTORS (Sold Separately)



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

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

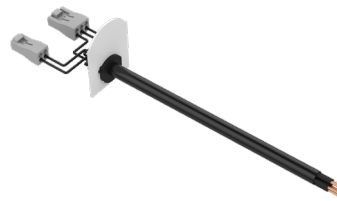
Note: Use 1 Dry Power Connector with End Cap for each dry location power lead.



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

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

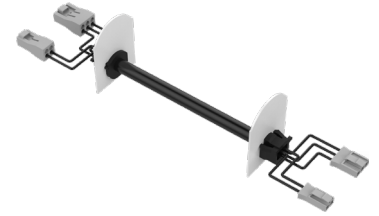
Note: Use 1 Dry Jumper Cable for each instance where the run will transverse a corner or an obstacle.



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

Part #	Length	Qty.
A1-ZYZY-STN-DWH-PC-EC-SF-DRY-		
A1-ZYZY-STN-DWH-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-DWH-JC-EC-SF-DRY-X)
(A1-ZYZY-STN-DWH-JC-EC-F-DRY-X)
X = Specify Cable Length, 6' Default

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

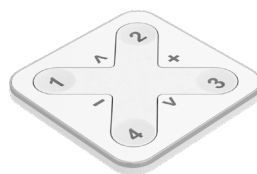
Note: Use 1 Dry Jumper Cable for each instance where the run will transverse a corner or an obstacle.

DYNAMIC WHITE CONTROLS (Sold Separately)



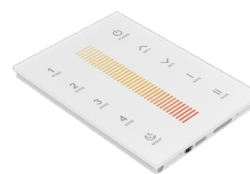
10V Control Switch
(CTRL-DWH-10V)

Part #	Qty.
CTRL-DWH-10V	



Bluetooth Wireless Control Panel
(CTRL-DWH-BT)

Part #	Qty.
CTRL-DWH-BT	



DMX Touch Panel
(CTRL-DWH-DMX)

Part #	Qty.
CTRL-DWH-DMX	

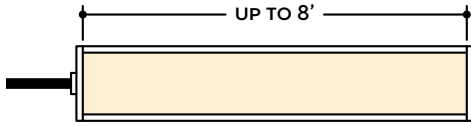


DALI Touch Panel
(CTRL-DWH-DALI)

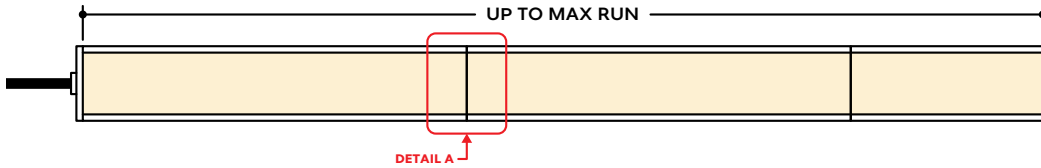
Part #	Qty.
CTRL-DWH-DALI	

DESIGN GUIDELINES

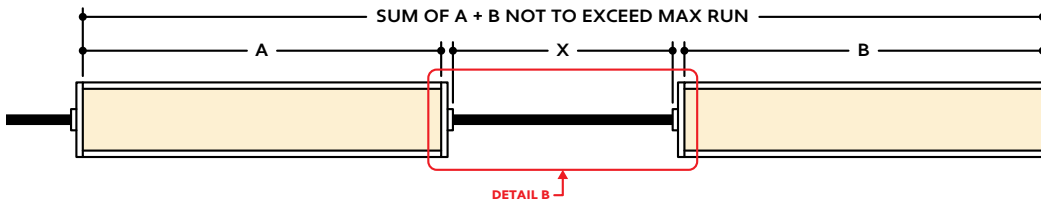
Individual Fixture



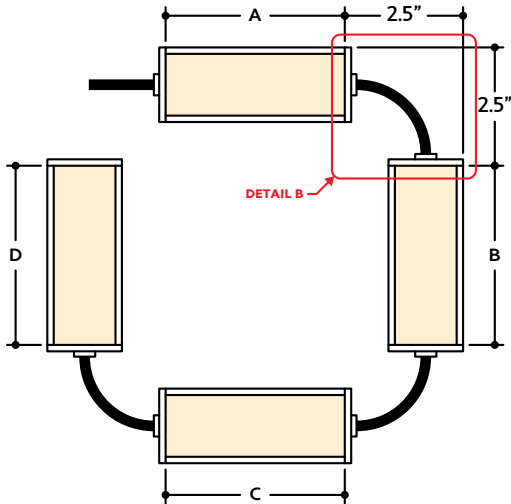
Continuous Run



Run with Jumper Cable



Run with Square Layout



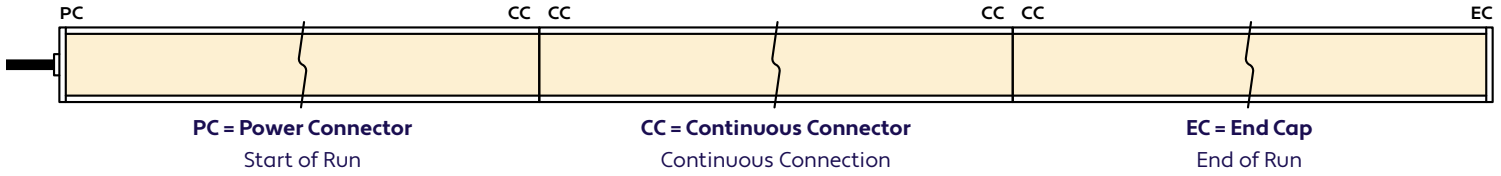
KEY

- 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

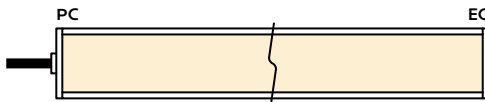


- Specifying a layout is not required to place an order.
- Configuration code applies to full length ordered and will be built per the Continuous Run models on Design Guidelines.
- Connector type subject to change based on availability and listing. Refer to Design Guidelines for details.

HOW TO SPECIFY CONFIGURATIONS

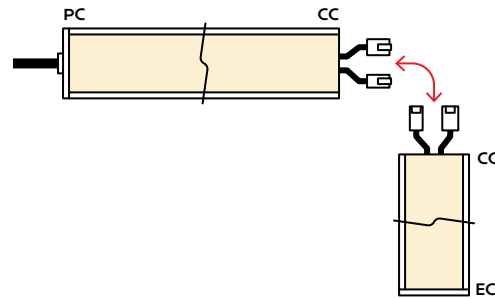
Example: 20' Straight Run

- 1x A1-ZYZY-STN-DWH-CL-NA-22K-1.5W-10V-EF-DRY-UNV-20'-PC-EC



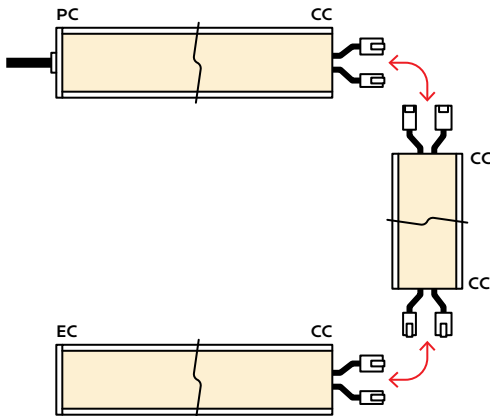
Example: 25' L-Shaped Run

- 1x A1-ZYZY-STN-DWH-CL-NA-22K-1.5W-10V-EF-DRY-UNV-12'-PC-CC
- 1x A1-ZYZY-STN-DWH-CL-NA-22K-1.5W-10V-EF-DRY-UNV-13'-CC-EC



Example: 30' U-Shaped Run

- 1x A1-ZYZY-STN-DWH-CL-NA-22K-1.5W-10V-EF-DRY-UNV-6'-PC-CC
- 1x A1-ZYZY-STN-DWH-CL-NA-22K-1.5W-10V-EF-DRY-UNV-18'-CC-CC
- 1x A1-ZYZY-STN-DWH-CL-NA-22K-1.5W-10V-EF-DRY-UNV-6'-CC-EC



Example: 28' Rectangle Shaped Run

- 1x A1-ZYZY-STN-DWH-CL-NA-22K-1.5W-10V-EF-DRY-UNV-11'-PC-CC
- 1x A1-ZYZY-STN-DWH-CL-NA-22K-1.5W-10V-EF-DRY-UNV-3'-CC-CC
- 1x A1-ZYZY-STN-DWH-CL-NA-22K-1.5W-10V-EF-DRY-UNV-11'-CC-CC
- 1x A1-ZYZY-STN-DWH-CL-NA-22K-1.5W-10V-EF-DRY-UNV-3'-CC-EC

