

GENERAL FEATURES

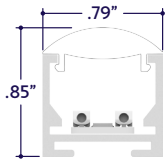
Applications	Accent, Decorative, Surface, Recessed, Pendant Lighting
Lens	Clear, 50% Semi-Frosted, or 100% Frosted
Optics & Asymmetric	15°, 30°, 45°, 60°, 120°, or Asymmetric Optics
Length	Built to Order (+/- 1/8" Tolerance)
Construction	Aluminum Extrusion
Field Cutting	Dry Location Only
Weight	0.271 lbs per Foot
Mounting	Mounting Channel or Mounting Clips (Sold Separately)
Listing	Dry, Wet, or IP67 Location UL2108, 67.1.9, 60.4, CSA C22.2 #9 UL8750, CSA250
Driver	Remote (Sold Separately)
Closet Rating	Up to 3.6 Watts per Foot Maximum
Temperature Ratings	Operating / Startup: -20° to 48°C (-4° to 120°F) Storage: -40° to 76°C (-40° to 170°F)

Installation Link

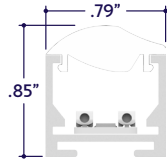
ELECTRICAL

Dimming	0-10V, Forward / Reverse Phase, Lutron, DMX, DALI
Maximum Run (Class 1 Applications)	20' (6W), 30' (4W), 36' (3W, 2W)
Maximum Run (Class 2 Applications)	14' (6W), 21' (4W), 28' (3W), 36' (2W)
Luminaire Voltage	24VDC

END VIEWS / DIMENSIONS



Clear Lens (CL)
50% Semi-Frosted Lens (SF)
100% Frosted Lens (F)
Optic Lens (15D, 30D, 45D, 60D)



Asymmetric Lens (ASM)

SPECIFY PRODUCT CODE | CHOOSE FROM DROP DOWNS

Series	Lens / Optics	Watts per Foot	Dimming	CCT LED	Listing	Finish	Luminaire Length
A1-ZAKY-SOP							
ZAKY Standard Optic (A1-ZAKY-SOP)	Clear Lens (CL)	2 Watts (2W)	0-10V: 100% - 1% (10V)	2400K (24K)	Indoor (DRY)	Natural Silver* ⁷ (NA)	Specify Length in Feet & Inches Example: 7'8"
	50% Semi-Frosted Lens (SF)	216 Lumens / ft* ¹	Phase Dimming: Forward Phase / Reverse Phase (PH)	2700K (27K)			
	100% Frosted Lens: Line of Light (F)	3 Watts (3W)	Hi-Lume 1% 3 Wire* ² (L3DA)	3000K (30K)	Outdoor* ⁶ (WET)	Polished (PA)	
	Asymmetric Lens (ASM)	324 Lumens / ft* ¹	Hi-Lume Premier 0.1% JA8* ³ (L3D0)	3500K (35K)		White (WH)	
	15° Optics (15D)	4 Watts (4W)	DMX-512* ⁴ (DMX)	4000K (40K)	Outdoor IP67* ⁶ (IP67)	Satin / Silver (SA)	
	30° Optics (30D)	432 Lumens / ft* ¹	DALI* ⁵ (DALI)	4500K (45K)		Black (BK)	
	45° Optics (45D)	6 Watts (6W)	JA8 0-10V (JA8-10V)	5000K (50K)			
	60° Optics (60D)	648 Lumens / ft* ¹	Leave Blank for Non-Dimming	5700K (57K)			
				Red (R)			
				Green (G)			
			Blue (B)				
			Amber (A)				

Note: Remote drivers wattage sized based on length of run. **Example:** 10' run x 3 Watts per Foot = 30 Watts. Driver will be sized to 30 Watts maximum.

- *¹ Lumens per Foot based on 35K CCT LED with Clear Lens (CL). **Example:** 108 Lumens x 2 Watts = 216 Lumens per Foot.
- *² (L3DA) 40 watt max Hi-Lume 1% L3DA3W #L3DA4U1UKL-CV240
- *³ (L3D0) 96 watt max Hi-Lume Premier 0.1% #L3D0-96W24V-U
- *⁴ Default DMX address of each fixture is 001. Consult third party DMX commissioner to modify at time of installation.
- *⁵ DALI commissioning to be performed by a third party at time of installation. ALUZ does not provide DALI commissioning.
- *⁶ Run lengths required for Wet Location and IP67 products. Provide run lengths at time of order.
- *⁷ Standard Finish is Natural Silver (NA) if left blank.

LAMP FEATURES

Lamp Type	LEDs
CRI	> 90
Efficacy (Based on 35K CCT LED)	108 Lumens per Watt

LAMP SPECIFICATIONS

Lamp Number	Correlated Color Temperature / Description	Efficacy (Lumens per Watt)	L70 LED Life
24K	2400 Kelvin (Incandescent White)	108	60,000 hrs.
27K	2700 Kelvin (Warm White)	108	
30K	3000 Kelvin (Warm White)	108	
35K	3500 Kelvin (Neutral White)	108	
40K	4000 Kelvin (Neutral White)	108	
45K	4500 Kelvin (Neutral White)	108	40,000 hrs.
50K	5000 Kelvin (Cool White)	108	
57K	5700 Kelvin (Cool White)	108	
R	Red (621nm)		
G	Green (525nm)		
B	Blue (470nm)		
A	Amber (590nm)		

To calculate Lumens per Foot, multiply Efficacy by Watts per Foot.
Example: 108 Lumens per Watt x 2 Watts per Foot = 216 Lumens per Foot.

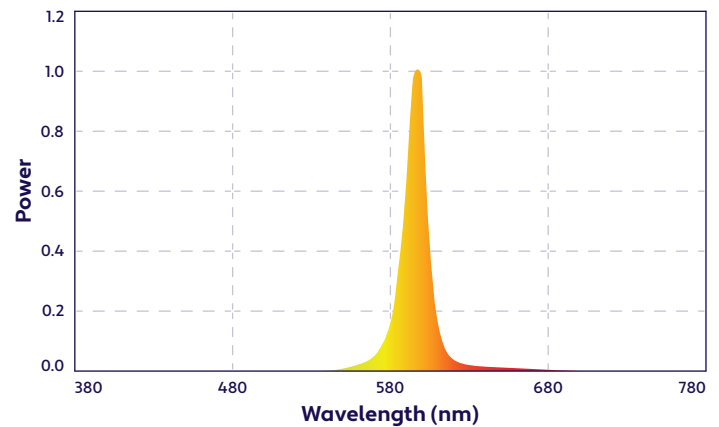
LENS / OPTICS APPEARANCE

Clear Lens (CL) Visible Diode Image 0% Loss Factor	50% Semi-Frosted Lens (SF) Slight Diode Image 12.5% Loss Factor	100% Frosted Lens (F) No Diode Image: Line of Light 25% Loss Factor
Asymmetric Lens (ASM) Slight Diode Image 18% Loss Factor	Optic Lens (15D, 30D, 45D, 60D) Slight Diode Image 18% Loss Factor	

BEAM ANGLES

120° x 120° Beam Clear Lens (CL) 50% Semi-Frosted Lens (SF) 100% Frosted Lens (F)	45° x 60° Beam Asymmetric Lens (ASM)	15° x 60° Beam Optic Lens (15D)
30° x 60° Beam Optic Lens (30D)	45° x 60° Beam Optic Lens (45D)	60° x 60° Beam Optic Lens (60D)

SPECTRAL POWER DISTRIBUTION AMBER LED (590nm) TURTLE FRIENDLY

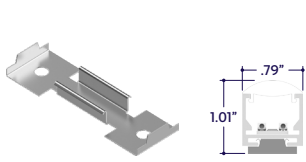


DRIVERS

Dimming Selection	Product Code	Link to Specification Sheet / URL
Phase Dimming: Forward Phase / Reverse Phase	(PH)	
0-10V: 100% - 1%	(10V)	
Hi-Lume 1% 3 Wire	(L3DA)	
Hi-Lume Premier 0.1% JA8	(L3DO)	
JA8 0-10V	(JA8-10V)	
DMX-512	(DMX)	
DALI	(DALI)	

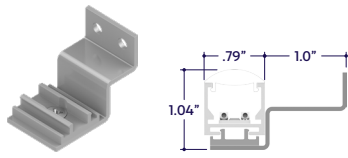
MOUNTING OPTIONS (Sold Separately)

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



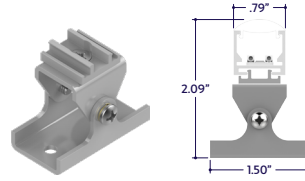
Part #	Qty.
A1-ZIGY-SOP-MC	

Note: Use 1 mounting clip per 2', rounded up.



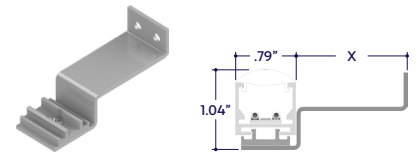
Part #	Qty.
A1-ZIGY-SOP-MC-2	

Note: Use 1 mounting clip per 2', rounded up.



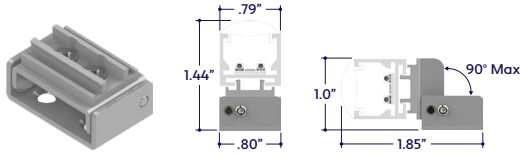
Part #	Qty.
A1-ZIGY-SOP-MC-3	

Note: Use 1 mounting clip per 2', rounded up.



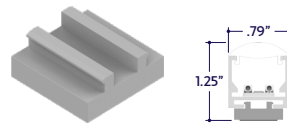
Part #	Length	Qty.
A1-ZIGY-SOP-MC-4-		

Note: Use 1 mounting clip per 2', rounded up.



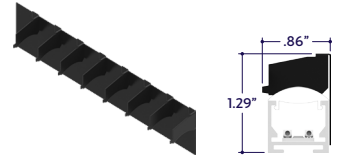
Part #	Qty.
A1-ZIGY-SOP-MC-ADJ	

Note: Use 1 mounting clip per 2', rounded up.



Part #	Qty.
A1-ZIGY-SOP-MC-MM	

Note: Use 1 mounting clip per 2', rounded up.

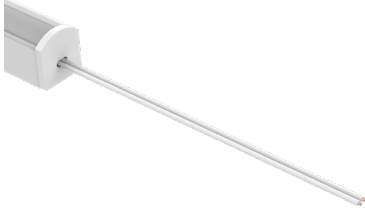


Part #	Qty.
A1-ZAKY-SOP-LVR	

Note: Louver is available in 1' increments. Specify total number of louvers needed. Only available in black finish.

DRY CONNECTORS (Sold Separately)

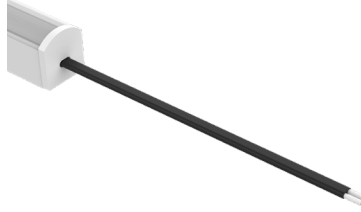
Note: Connectors are factory assembled to each run length. Connectors are subject to change without notice.



Dry Power Connector
(A1-ZAKY-SOP-PC-DRY-X)
X = Specify Length, 36" Default, 25' Maximum

Part #	Length	Qty.
A1-ZAKY-SOP-PC-DRY-	36"	
A1-ZAKY-SOP-PC-DRY-		

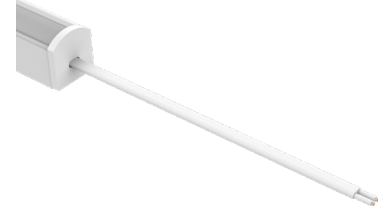
Note: Specify 1 Power Connector for each lead required. Power Connectors are factory assembled to each length.



Dry Power Connector with Black Jacket
(A1-ZAKY-SOP-PC-DRY-BK-X)
X = Specify Length, 36" Default, 25' Maximum

Part #	Length	Qty.
A1-ZAKY-SOP-PC-DRY-BK-	36"	
A1-ZAKY-SOP-PC-DRY-BK-		

Note: Specify 1 Power Connector for each lead required. Power Connectors are factory assembled to each length.



Dry Power Connector with White Jacket
(A1-ZAKY-SOP-PC-DRY-WH-X)
X = Specify Length, 36" Default, 25' Maximum

Part #	Length	Qty.
A1-ZAKY-SOP-PC-DRY-WH-	36"	
A1-ZAKY-SOP-PC-DRY-WH-		

Note: Specify 1 Power Connector for each lead required. Power Connectors are factory assembled to each length.



Dry Continuous Connector
(A1-ZAKY-SOP-CC-DRY-X)
X = Specify Length, 3" Default

Part #	Length	Qty.
A1-ZAKY-SOP-CC-DRY-	3"	
A1-ZAKY-SOP-CC-DRY-		

Note: Specify Continuous Connectors to traverse a gap or obstacle. Continuous Connectors are factory assembled to specified lengths.



Dry Continuous Connector with Black Jacket
(A1-ZAKY-SOP-CC-DRY-BK-X)
X = Specify Length, 3" Default

Part #	Length	Qty.
A1-ZAKY-SOP-CC-DRY-BK-	3"	
A1-ZAKY-SOP-CC-DRY-BK-		

Note: Specify Continuous Connectors to traverse a gap or obstacle. Continuous Connectors are factory assembled to specified lengths.



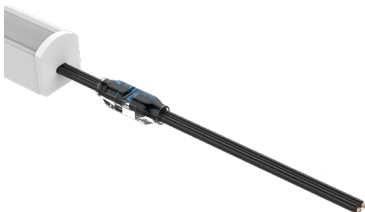
Dry Continuous Connector with White Jacket
(A1-ZAKY-SOP-CC-DRY-WH-X)
X = Specify Length, 3" Default

Part #	Length	Qty.
A1-ZAKY-SOP-CC-DRY-WH-	3"	
A1-ZAKY-SOP-CC-DRY-WH-		

Note: Specify Continuous Connectors to traverse a gap or obstacle. Continuous Connectors are factory assembled to specified lengths.

WET CONNECTORS (Sold Separately)

Note: Connectors are factory assembled to each run length. Connectors are subject to change without notice.



Wet Power Connector
(A1-ZAKY-SOP-PC-WET-X)
X = Specify Length, 36" Default, 25' Maximum

Part #	Length	Qty.
A1-ZAKY-SOP-PC-WET-	36"	
A1-ZAKY-SOP-PC-WET-		

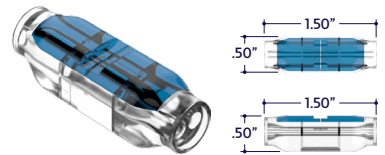
Note: Specify 1 Power Connector for each lead required. Power Connectors are factory assembled to each length.



Wet Continuous Connector
(A1-ZAKY-SOP-CC-WET-X)
X = Specify Length, 3" Default

Part #	Length	Qty.
A1-ZAKY-SOP-CC-WET-	3"	
A1-ZAKY-SOP-CC-WET-		

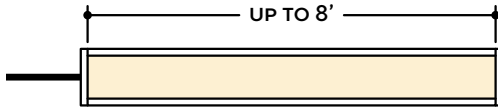
Note: Specify Continuous Connectors to traverse a gap or obstacle. Continuous Connectors are factory assembled to specified lengths.



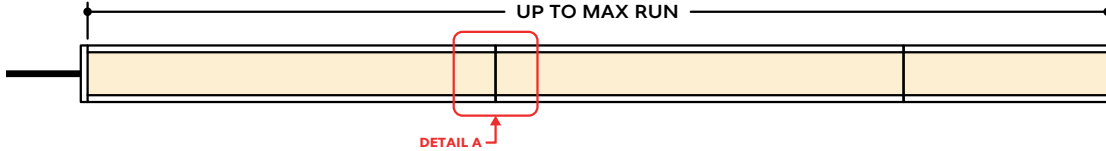
Part #	Qty.
A1-SC-2P-WET	

DESIGN GUIDELINES

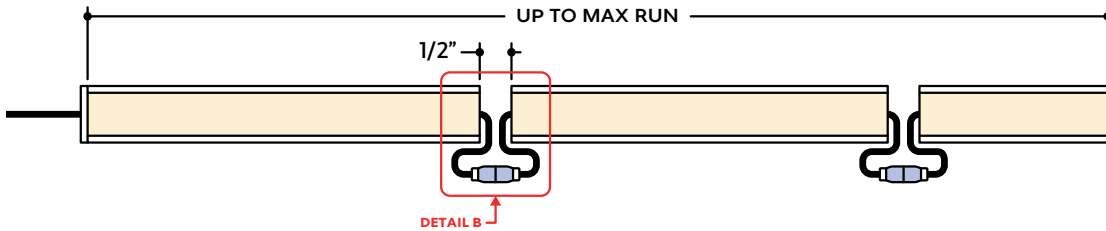
Individual Fixture



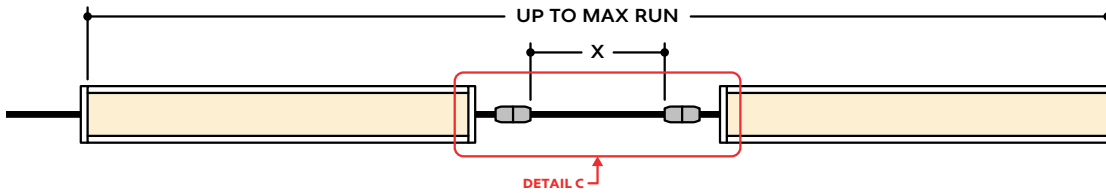
Continuous Run (Dry Location)



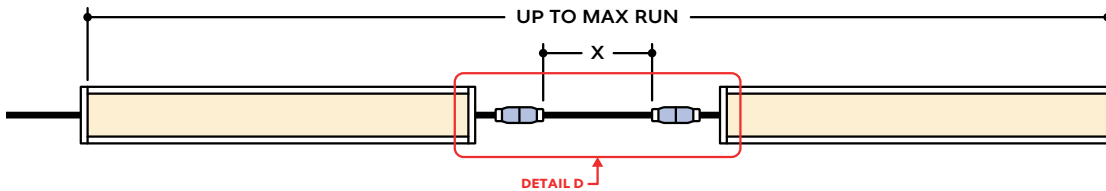
Continuous Run (Wet Location)



Runs with Continuous Connector (Dry Location)



Runs with Continuous Connector (Wet Location)

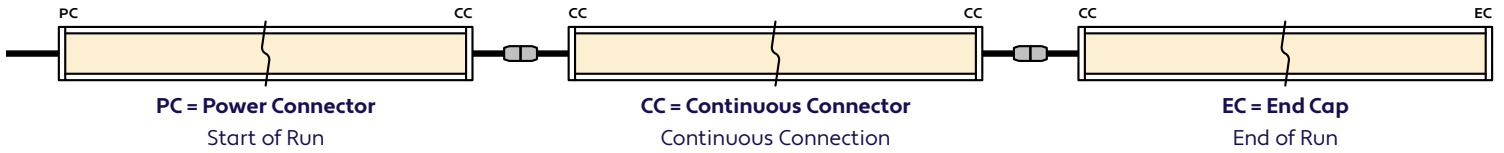


KEY

- Detail A** **Continuous Connection (Dry Location):** Luminaire segments connect using pins, leaving no gaps between segments, with a mounting clip holding the two segments together. Refer to installation instructions for additional information.
- Detail B** **Continuous Connection (Wet Location):** Luminaire segments are connected using a provided splice connector, with a 1/2" gap between segments.
- Detail C** **Dry Continuous Connector:** Used to span a corner or traverse a gap, corner, or obstacle in a dry location installation area.
- Detail D** **Wet Continuous Connector:** Used to span a corner or traverse a gap, corner, or obstacle in a wet location installation area.

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

CONNECTION SEQUENCE

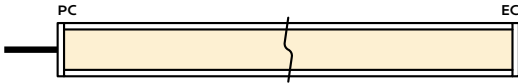


- Specifying a layout is not required to place an order.
- Configuration code applies to full length ordered and will be built per the Continuous Run models on Design Guidelines.
- Connector type subject to change based on availability and listing. Refer to Design Guidelines for details.

HOW TO SPECIFY CONFIGURATIONS

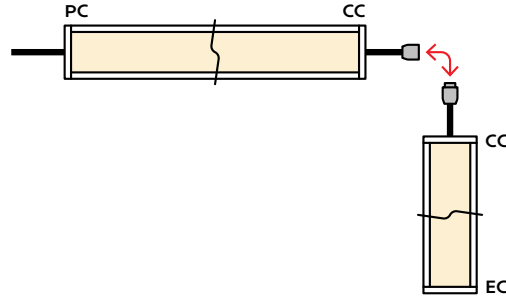
Example: 20' Straight Run

- 1x A1-ZAKY-SOP-2W-10V-35K-DRY-NA-20'-PC-EC



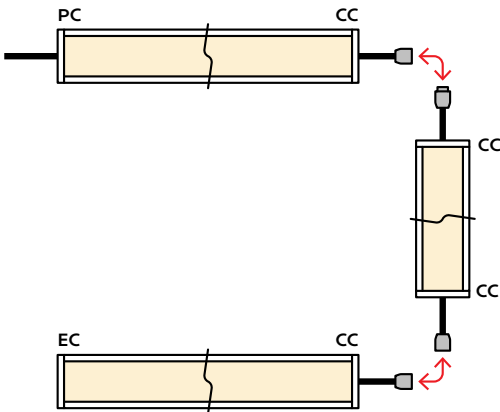
Example: 25' L-Shaped Run

- 1x A1-ZAKY-SOP-2W-10V-35K-WET-NA-12'-PC-CC
- 1x A1-ZAKY-SOP-2W-10V-35K-WET-NA-6'-CC-EC



Example: 30' U-Shaped Run

- 1x A1-ZAKY-SOP-2W-10V-35K-DRY-NA-6'-PC-CC
- 1x A1-ZAKY-SOP-2W-10V-35K-DRY-NA-18'-CC-CC
- 1x A1-ZAKY-SOP-2W-10V-35K-DRY-NA-6'-CC-EC



Example: 28' Rectangle Shaped Run

- 1x A1-ZAKY-SOP-2W-10V-35K-WET-NA-11'-PC-CC
- 1x A1-ZAKY-SOP-2W-10V-35K-WET-NA-3'-CC-CC
- 1x A1-ZAKY-SOP-2W-10V-35K-WET-NA-11'-CC-CC
- 1x A1-ZAKY-SOP-2W-10V-35K-WET-NA-3'-CC-EC

