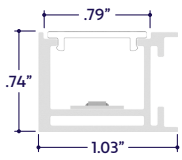
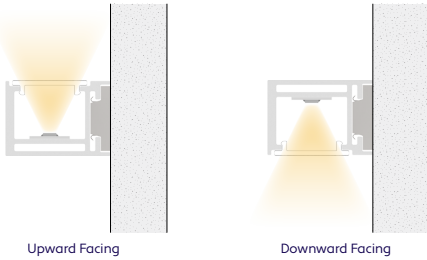


### END VIEW / DIMENSIONS



### MOUNTING OPTIONS



### GENERAL FEATURES

<b>Applications</b>	Accent, Decorative, Surface, Recessed, Pendant Lighting
<b>Lens</b>	Clear, 50% Semi-Frosted, or 100% Frosted
<b>Optics &amp; Asymmetric</b>	15°, 30°, 45°, 60°, 120°, or Asymmetric Optics
<b>Length</b>	Built to Order (+/- 1/8" Tolerance)
<b>Construction</b>	Aluminum Extrusion
<b>Field Cutting</b>	Dry and Wet Location Field Cuttable
<b>Weight</b>	0.248 lbs per Foot
<b>Mounting</b>	Mounting Channel or Mounting Clips (Sold Separately)
<b>Listing</b>	Dry, Wet, or IP67 Location UL2108, 67.1.9, 60.4, CSA C22.2 #9 UL8750, CSA250
<b>Driver</b>	Remote (Sold Separately)
<b>Closet Rating</b>	Up to 3.6 Watts per Foot Maximum
<b>Temperature Ratings</b>	Operating / Startup: -20° to 48°C (-4° to 120°F) Storage: -40° to 76°C (-40° to 170°F)
<b>Installation Link</b>	

### ELECTRICAL

<b>Dimming</b>	0-10V, Forward / Reverse Phase, Lutron, DMX, DALI
<b>Maximum Run (Class 1 Applications)</b>	18' (6.5W), 21' (5.5W), 26' (4.5W), 33' (3.6W), 36' (1.5W, 2.5W)
<b>Maximum Run (Class 2 Applications)</b>	13' (6.5W), 15' (5.5W), 18' (4.5W), 23' (3.6W), 34' (2.5W), 36' (1.5W)
<b>Luminaire Voltage</b>	24VDC

### SPECIFY PRODUCT CODE | CHOOSE FROM DROP DOWNS

Series	Lens / Optics	Watts per Foot	Dimming	CCT LED	Listing	Finish	Luminaire Length
<b>A8-ZIGY-SSM</b>							
ZIGY Surface Side Mount (A8-ZIGY-SSM)	Clear Lens (CL)	1.5 Watts (1.5W) 154 Lumens / ft* <sup>2</sup>	Phase Dimming: Forward / Reverse Phase (PH)	2400K (24K)	Indoor (DRY)	Natural Silver* <sup>2</sup> (NA)	Specify Length in Feet & Inches Example: 7'8"
	50% Semi-Frosted Lens (SF)	2.5 Watts (2.5W) 257 Lumens / ft* <sup>2</sup>	0-10V: 100% - 1% (10V)	2700K (27K)	Outdoor* <sup>8</sup> (WET)	Polished (PA)	
	100% Frosted Lens: Line of Light (F)	3.6 Watts (3.6W) 370 Lumens / ft* <sup>2</sup>	Hi-lume 1% 3 Wire* <sup>3</sup> (L3DA)	3000K (30K)		White (WH)	
		4.5 Watts (4.5W) 463 Lumens / ft* <sup>2</sup>	Hi-lume Premier 0.1% JA8* <sup>4</sup> (L3D0)	3500K (35K)	Outdoor IP67* <sup>8</sup> (IP67)	Satin / Silver (SA)	
		5.5 Watts (5.5W) 566 Lumens / ft* <sup>2</sup>	JA8 0-10V (JA8-10V)	4000K (40K)		Black (BK)	
	Asymmetric Lens Left* <sup>5</sup> (ASML)	6.5 Watts (6.5W) 669 Lumens / ft* <sup>2</sup>	DMX-S12* <sup>6</sup> (DMX)	4500K (45K)			
	Asymmetric Lens Right (ASMR)		DALI* <sup>6</sup> (DALI)	Red* <sup>7</sup> (R)			
	15° Optics (15D)		Leave Blank for Non-Dimming	Green* <sup>7</sup> (G)			
	30° Optics (30D)			Blues* <sup>7</sup> (B)			
	45° Optics (45D)						
	60° Optics (60D)				Amber* <sup>7</sup> (A)		

- \*<sup>1</sup> Default Asymmetric Direction is Left (ASML) if unspecified.
- \*<sup>2</sup> Lumens per Foot based on 35K CCT LED. Example: 103 Lumens x 1.5 Watts = 154 Lumens per Foot.
- \*<sup>3</sup> (L3DA) 40 watt max Lutron Hi-Lume 1% 3 Wire #L3DA4UIUKL-CV240
- \*<sup>4</sup> (L3D0) 96 watt max Hi-Lume Premier 0.1% #L3D0-96W24V-U
- \*<sup>5</sup> Default DMX address of each luminaire is 001. Consult third party DMX commissioner to modify at time of installation.
- \*<sup>6</sup> DALI commissioning to be performed by a third party at time of installation. ALUZ does not provide DALI commissioning.
- \*<sup>7</sup> Red, Green, Blue, and Amber LEDs are only available in 2.5W and 5.5W.
- \*<sup>8</sup> Run lengths are required for Wet Location products. Provide run lengths at time of order.
- \*<sup>9</sup> Default finish is Natural Silver (NA) if left blank.



# A8 Series | LED Tape

## ZIGY Surface Side Mount

(A8-ZIGY-SSM)

TYPE



### LAMP FEATURES

Lamp Type	LEDs
CRI	> 95
R <sub>s</sub>	95
Efficacy*	103 Lumens per Watt

Note: Efficacy is based on 35K CCT LED (35K) with Clear Lens (CL).

### LAMP SPECIFICATIONS

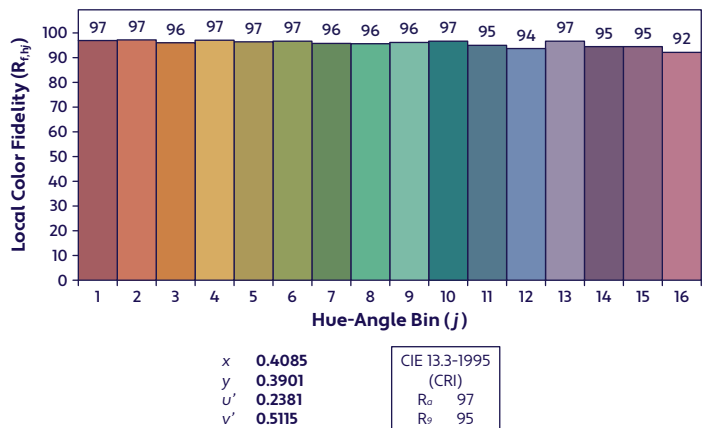
Lamp Number	Correlated Color Temperature / Description	Efficacy (Lumens per Watt)	L70 LED Life
24K	2400 Kelvin (Incandescent White)	90	60,000 hrs.
27K	2700 Kelvin (Warm White)	101	
30K	3000 Kelvin (Warm White)	100	
35K	3500 Kelvin (Neutral White)	103	
40K	4000 Kelvin (Neutral White)	105	
45K	4500 Kelvin (Neutral White)	102	40,000 hrs.
R	Red (621nm)		
G	Green (525nm)		
B	Blue (470nm)		
A	Amber (590nm)	37	

To calculate Lumens per Foot, multiply Efficacy by Watts per Foot.  
 Example: 103 Lumens per Watt x 1.5 Watts per Foot = 154 Lumens per Foot.

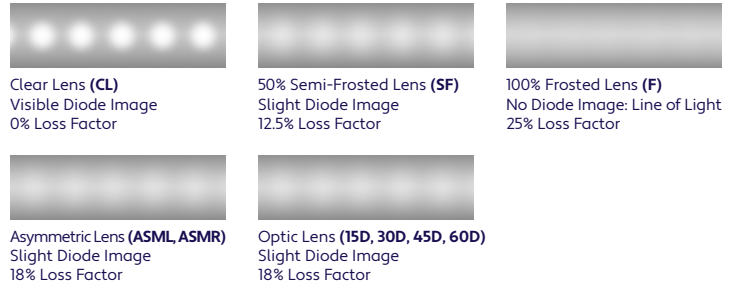
### DELIVERED LUMENS

Wattage	Delivered Lumens (with Light Loss)		
	(CL)	(SF)	(F)
1.5W	154	134	115
2.5W	257	224	192
3.6W	370	323	277
4.5W	463	405	347
5.5W	566	495	424
6.5W	669	585	501

### TM-30 VALUES



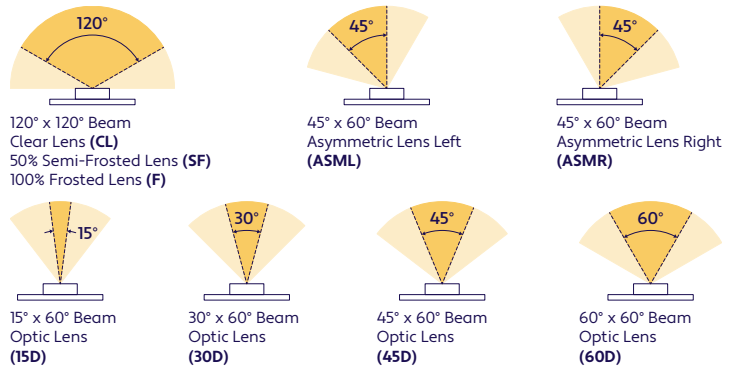
### LENS / OPTICS APPEARANCE



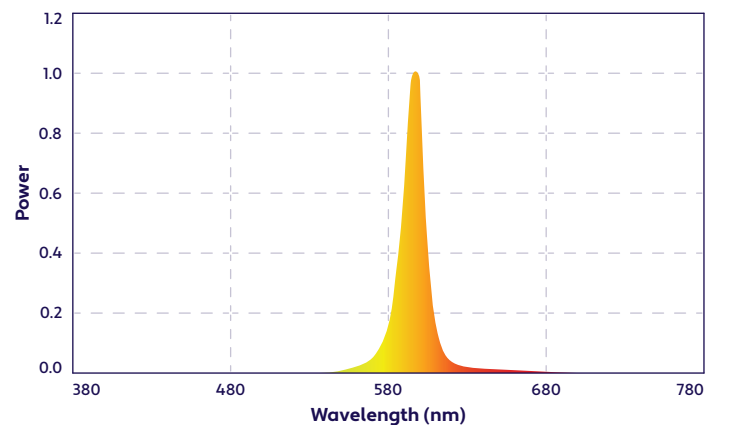
### OPTICS ORIENTATION



### BEAM ANGLES



### SPECTRAL POWER DISTRIBUTION AMBER LED (590nm) TURTLE FRIENDLY



1170 N Red Gum St, Anaheim, CA 92806

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

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Specification Submittal

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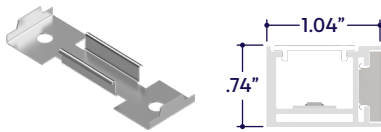


### DRIVERS

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	(L3D0)	
JA8 0-10V	(JA8-10V)	
DMX-512	(DMX)	
DALI	(DALI)	

### MOUNTING OPTIONS (Sold Separately)

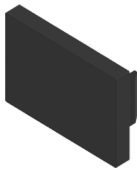
**Note:** Mounting clips are only available in Natural Silver Finish, unless otherwise specified.



Part #	Qty.
A8-ZIGY-SSM-MC	

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

### END CAPS (Sold Separately)



Left End Cap  
(A8-ZIGY-SSM-ECL-X)  
X = Specify Finish, White (WH) or Black (BK)

Part #	Qty.
A8-ZIGY-SSM-ECL-WH	
A8-ZIGY-SSM-ECL-BK	

**Note:** Default Finish is Black (BK) if unspecified.



Right End Cap  
(A8-ZIGY-SSM-ECR-X)  
X = Specify Finish, White (WH) or Black (BK)

Part #	Qty.
A8-ZIGY-SSM-ECR-WH	
A8-ZIGY-SSM-ECR-BK	

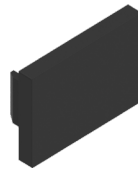
**Note:** Default Finish is Black (BK) if unspecified.



Left End Cap with Exit Hole  
(A8-ZIGY-SSM-ECL-H-X)  
X = Specify Finish, White (WH) or Black (BK)

Part #	Qty.
A8-ZIGY-SSM-ECL-H-WH	
A8-ZIGY-SSM-ECL-H-BK	

**Note:** Default Finish is Black (BK) if unspecified.



Right End Cap with Exit Hole  
(A8-ZIGY-SSM-ECR-H-X)  
X = Specify Finish, White (WH) or Black (BK)

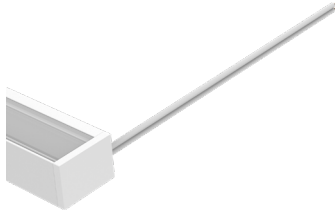
Part #	Qty.
A8-ZIGY-SSM-ECR-H-WH	
A8-ZIGY-SSM-ECR-H-BK	

**Note:** Default Finish is Black (BK) if unspecified.



### DRY CONNECTORS (Sold Separately)

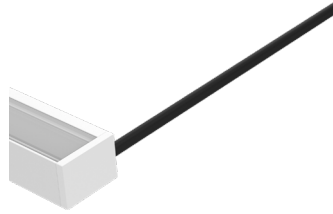
**Note:** Connectors are factory assembled to each run length. Connectors are subject to change without notice.



Dry Power Connector  
(A8-ZIGY-SSM-PC-SFF-DRY-X)  
X = Specify Length, 36" Default, 25' Maximum

Part #	Length	Qty.
A8-ZIGY-SSM-PC-SFF-DRY-	36"	
A8-ZIGY-SSM-PC-SFF-DRY-		

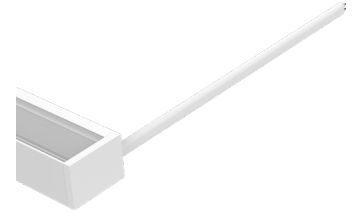
**Note:** Specify 1 Power Connector for each lead required. Power Connectors are factory assembled to each length.



Dry Power Connector with Black Jacket  
(A8-ZIGY-SSM-PC-SFF-DRY-BK-X)  
X = Specify Length, 36" Default, 25' Maximum

Part #	Length	Qty.
A8-ZIGY-SSM-PC-SFF-DRY-BK-	36"	
A8-ZIGY-SSM-PC-SFF-DRY-BK-		

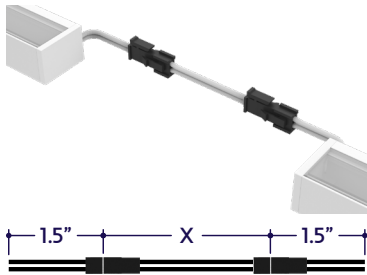
**Note:** Specify 1 Power Connector for each lead required. Power Connectors are factory assembled to each length.



Dry Power Connector with White Jacket  
(A8-ZIGY-SSM-PC-SFF-DRY-WH-X)  
X = Specify Length, 36" Default, 25' Maximum

Part #	Length	Qty.
A8-ZIGY-SSM-PC-SFF-DRY-WH-	36"	
A8-ZIGY-SSM-PC-SFF-DRY-WH-		

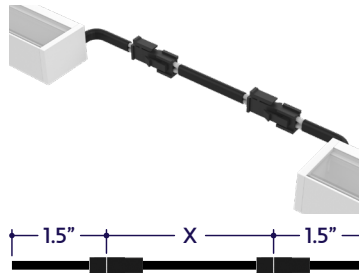
**Note:** Specify 1 Power Connector for each lead required. Power Connectors are factory assembled to each length.



Dry Continuous Connector  
(A8-ZIGY-SSM-CC-SFF-DRY-X)  
X = Specify Length, 3" Default

Part #	Length	Qty.
A8-ZIGY-SSM-CC-SFF-DRY-	3"	
A8-ZIGY-SSM-CC-SFF-DRY-		

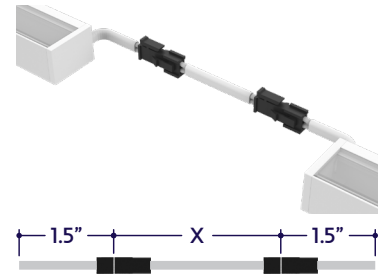
**Note:** Specify Continuous Connectors to traverse a gap or obstacle. Continuous Connectors are factory assembled to specified lengths.



Dry Continuous Connector with Black Jacket  
(A8-ZIGY-SSM-CC-SFF-DRY-BK-X)  
X = Specify Length, 3" Default

Part #	Length	Qty.
A8-ZIGY-SSM-CC-SFF-DRY-BK-	3"	
A8-ZIGY-SSM-CC-SFF-DRY-BK-		

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



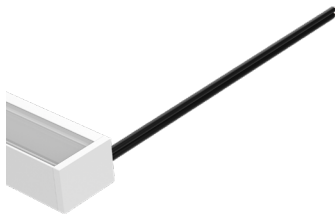
Dry Continuous Connector with White Jacket  
(A8-ZIGY-SSM-CC-SFF-DRY-WH-X)  
X = Specify Length, 3" Default

Part #	Length	Qty.
A8-ZIGY-SSM-CC-SFF-DRY-WH-	3"	
A8-ZIGY-SSM-CC-SFF-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  
(A8-ZIGY-SSM-PC-SFF-WET-X)  
X = Specify Length, 36" Default, 25' Maximum

Part #	Length	Qty.
A8-ZIGY-SSM-PC-SFF-WET-	36"	
A8-ZIGY-SSM-PC-SFF-WET-		

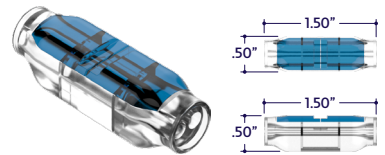
**Note:** Specify 1 Power Connector for each lead required. Power Connectors are factory assembled to each length.



Wet Continuous Connector  
(A8-ZIGY-SSM-CC-SFF-WET-X)  
X = Specify Length, 3" Default

Part #	Length	Qty.
A8-ZIGY-SSM-CC-SFF-WET-	3"	
A8-ZIGY-SSM-CC-SFF-WET-		

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

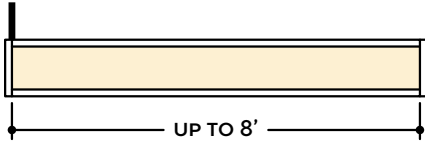


Part #	Qty.
A8-SC-SFF-2P-WET	

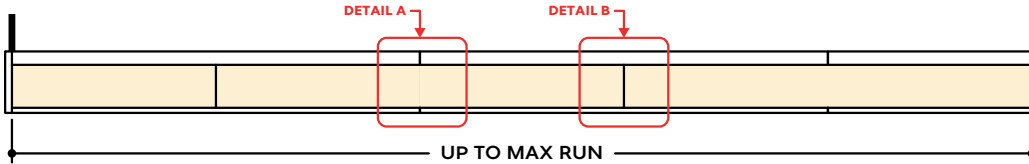


### DESIGN GUIDELINES

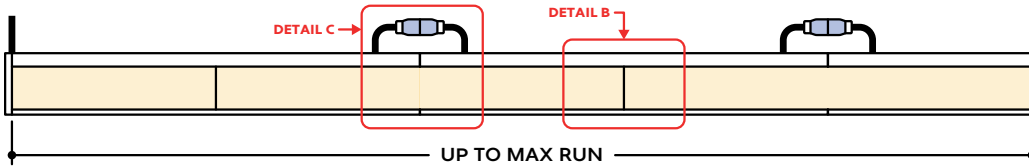
#### Individual Fixture



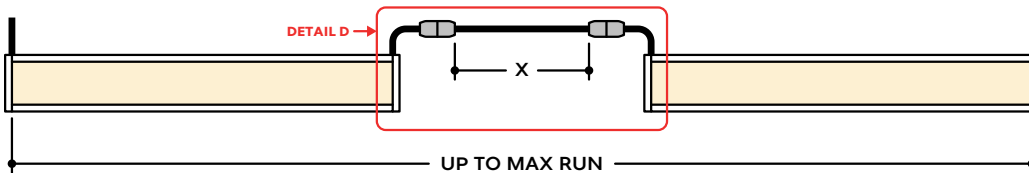
#### Continuous Run (Dry Location)



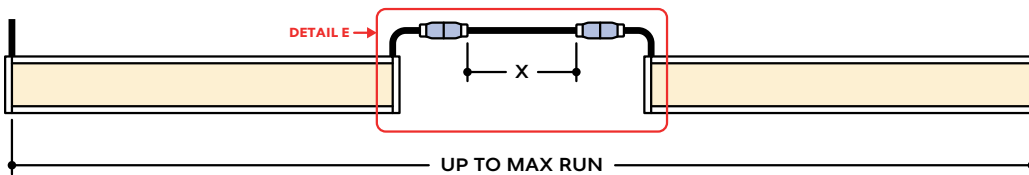
#### Continuous Run (Wet Location)



#### Runs with Continuous Connector (Dry Location)



#### Runs with Continuous Connector (Wet Location)

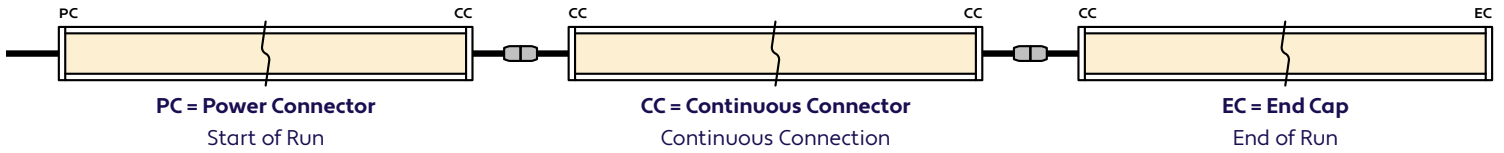


### KEY

- Detail A Two Extrusions Meet:** Two extrusion segments meet, held together by a mounting clip. Refer to installation instructions for additional details.
- Detail B Two Lenses Meet:** Lenses are staggered so that the lens always overlaps where two extrusion segments meet. Refer to installation instructions for additional details.
- Detail C Continuous Connection (Wet Location):** Luminaire segments are connected using a provided splice connector.
- Detail D Dry Continuous Connector:** Used to span a corner or traverse a gap, corner, or obstacle in a dry location installation area.
- Detail E 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

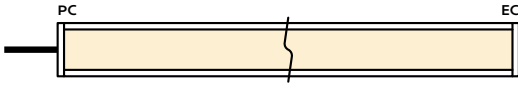


- Specifying a layout is not required to place an order.
- Configuration code applies to full length ordered and will be built per the Continuous Run models on Design Guidelines.
- Connector type subject to change based on availability and listing. Refer to Design Guidelines for details.

### HOW TO SPECIFY CONFIGURATIONS

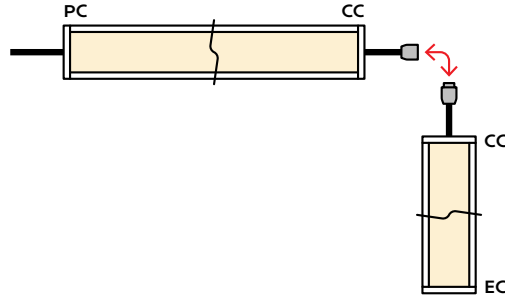
#### Example: 20' Straight Run

- 1x A8-ZIGY-SSM-CL-1.5W-10V-35K-DRY-NA-20'-PC-EC



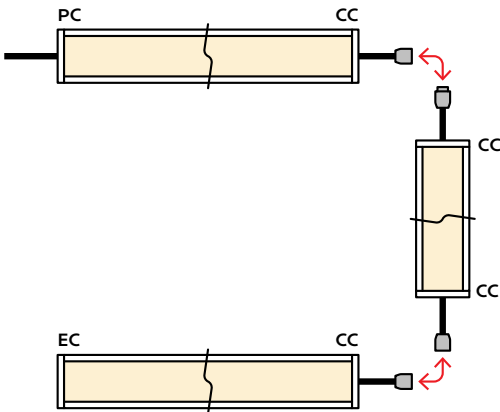
#### Example: 25' L-Shaped Run

- 1x A8-ZIGY-SSM-CL-1.5W-10V-35K-WET-NA-12'-PC-CC
- 1x A8-ZIGY-SSM-CL-1.5W-10V-35K-WET-NA-6'-CC-EC



#### Example: 30' U-Shaped Run

- 1x A8-ZIGY-SSM-CL-1.5W-10V-35K-DRY-NA-6'-PC-CC
- 1x A8-ZIGY-SSM-CL-1.5W-10V-35K-DRY-NA-18'-CC-CC
- 1x A8-ZIGY-SSM-CL-1.5W-10V-35K-DRY-NA-6'-CC-EC



#### Example: 28' Rectangle Shaped Run

- 1x A8-ZIGY-SSM-CL-1.5W-10V-35K-WET-NA-11'-PC-CC
- 1x A8-ZIGY-SSM-CL-1.5W-10V-35K-WET-NA-3'-CC-CC
- 1x A8-ZIGY-SSM-CL-1.5W-10V-35K-WET-NA-11'-CC-CC
- 1x A8-ZIGY-SSM-CL-1.5W-10V-35K-WET-NA-3'-CC-EC

