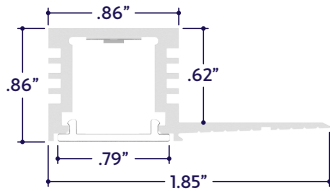


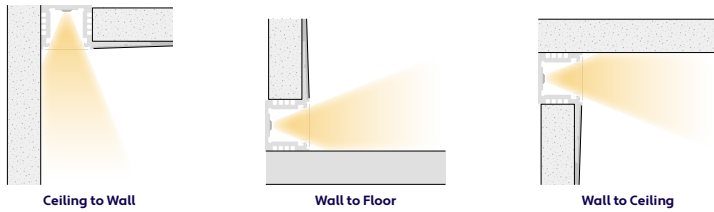
### GENERAL FEATURES

<b>Applications</b>	Mud-In, Accent, Decorative, Surface, Recessed Lighting
<b>Lens</b>	50% Semi-Frosted, or 100% Frosted
<b>Viewing Angle</b>	15°, 30°, 45°, 60°, 120°, and Asymmetric Optics
<b>Length</b>	Built to Order (+/- 1/8" Tolerance)
<b>Construction</b>	Aluminum Extrusion
<b>Field Cutting</b>	Dry, Damp, and Wet Location Field Cuttable
<b>Weight</b>	0.47 lbs per foot
<b>Mounting</b>	Mud-In
<b>Listing</b>	Dry, Damp, or Wet Location UL2108, 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>	

### END VIEWS / DIMENSIONS



### MOUNTING OPTIONS



### 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	Watts per Foot	Dimming	CCT LED	Listing	Finish	Luminaire Length
<b>A8-ZIGY-FPF</b>							<b>WH</b>
ZIGY Flush Perimeter Floor (A8-ZIGY-FPF)	50% Semi-Frosted Lens (SF)	1.5 Watts (1.5W) 154 Lumens / ft <sup>1</sup>	Phase Dimming: Forward / Reverse Phase (PH)	2400K (24K)	Indoor (DRY)	White* <sup>8</sup> (WH)	Specify Length in Feet & Inches Example: 7'8"
		2.5 Watts (2.5W) 257 Lumens / ft <sup>1</sup>	0-10V: 100% - 1% (10V)	2700K (27K)			
	100% Frosted Lens: Line of Light (F)	3.6 Watts (3.6W) 370 Lumens / ft <sup>1</sup>	Hi-lume 1% 3 Wire* <sup>2</sup> (L3DA)	3000K (30K)	Outdoor (DAMP)		
		4.5 Watts (4.5W) 463 Lumens / ft <sup>1</sup>	Hi-lume Premier 0.1% JA8* <sup>3</sup> (L3D0)	3500K (35K)			
	18% Asymmetric Lens (ASM)	5.5 Watts (5.5W) 566 Lumens / ft <sup>1</sup>	JA8 0-10V (JA8-10V)	4000K (40K)	Outdoor* <sup>7</sup> (WET)		
		6.5 Watts (6.5W) 669 Lumens / ft <sup>1</sup>	DMX-512* <sup>4</sup> (DMX)	4500K (45K)			
	15° Optics (15D)		DALI* <sup>5</sup> (DALI)	Red* <sup>6</sup> (R)			
	30° Optics (30D)		<b>Leave Blank for Non-Dimming</b>		Green* <sup>6</sup> (G)		
45° Optics (45D)				Blue* <sup>6</sup> (B)			
60° Optics (60D)				Amber* <sup>6</sup> (A)			

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



# A8 Series | LED Tape

## ZIGY Flush Perimeter Floor

(A8-ZIGY-FPF)

TYPE



### LAMP FEATURES

Lamp Type	LEDs
CRI	> 95
R <sub>s</sub>	95
Efficacy*	90 Lumens per Watt

Note: Efficacy is based on 35K CCT LED (35K) with 50% Semi-Frosted Lens (SF).

### LAMP SPECIFICATIONS

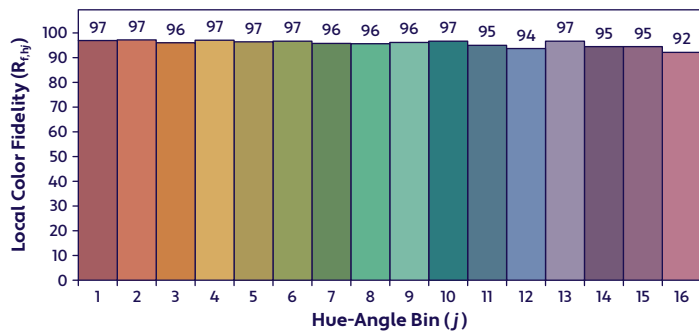
Lamp Number	Correlated Color Temperature / Description	Efficacy (Lumens per Watt)	L70 LED Life
24K	2400 Kelvin (Incandescent White)	90	60,000 hrs.
27K	2700 Kelvin (Warm White)	101	
30K	3000 Kelvin (Warm White)	100	
35K	3500 Kelvin (Neutral White)	103	
40K	4000 Kelvin (Neutral White)	105	
45K	4500 Kelvin (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)		
	(SF)	(F)	(15D, 30D, 45D, 60D, ASM)
1.5W	134	115	126
2.5W	224	192	210
3.6W	323	277	303
4.5W	405	347	379
5.5W	495	424	464
6.5W	585	501	548

### TM-30 VALUES



x	0.4085	CIE 13.3-1995 (CRI) R <sub>a</sub> 97 R <sub>s</sub> 95
y	0.3901	
u'	0.2381	
v'	0.5115	

### LENS / OPTICS APPEARANCE



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

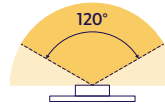


Asymmetric Lens (ASM)  
Slight Diode Image  
18% Loss Factor

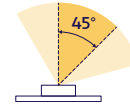


Optic Lens (15D, 30D, 45D, 60D)  
Slight Diode Image  
18% Loss Factor

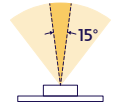
### BEAM ANGLES



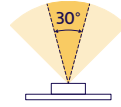
120° x 120° Beam  
50% Semi-Frosted Lens (SF)  
100% Frosted Lens (F)



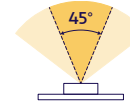
45° x 60° Beam  
Asymmetric Lens (ASM)



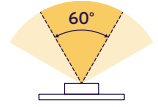
15° x 60° Beam  
Optic Lens (15D)



30° x 60° Beam  
Optic Lens (30D)

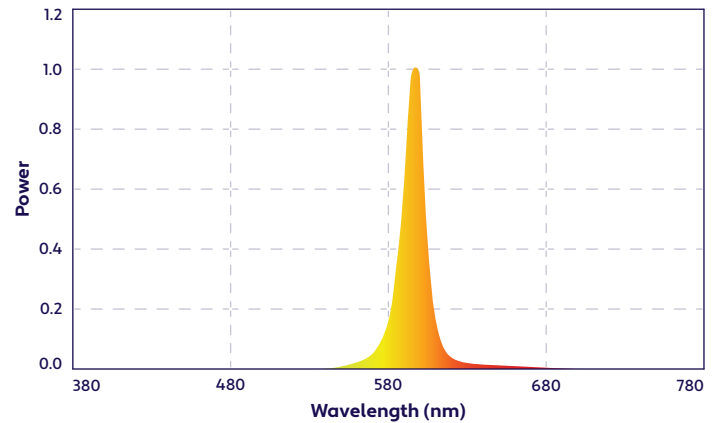


45° x 60° Beam  
Optic Lens (45D)



60° x 60° Beam  
Optic Lens (60D)

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



620 South Richfield Rd, Placentia, CA 92870

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

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Specification Submittal

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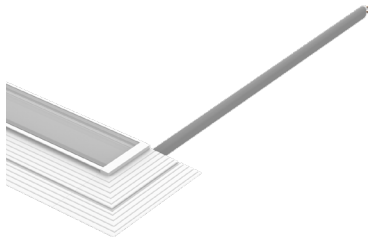
8 / 19 / 2025 / Rev 14

### 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)	

### CONNECTORS (Sold Separately)

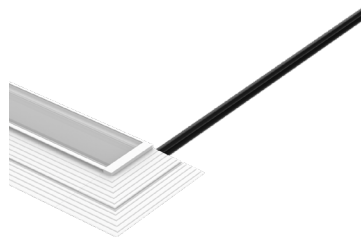
**Note:** Connectors are factory assembled to each run length. Connectors are subject to change without notice.



Dry Plenum Rated Power Connector  
(20/2 Gauge Wire)  
**(A8-ZIGY-FPF-PC-PLM-DRY-X)**  
X = Specify Length, 36" Default, 25' Maximum

Part #	Length	Qty.
A8-ZIGY-FPF-PC-PLM-DRY-	36"	
A8-ZIGY-FPF-PC-PLM-DRY-		

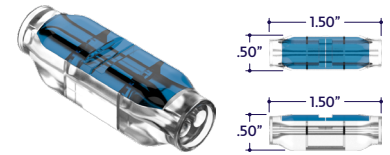
**Note:** Specify 1 Power Connector for each lead required. Power Connectors are factory assembled to each length.



Wet Power Connector  
(20/2 Gauge Wire)  
**(A8-ZIGY-FPF-PC-WET-X)**  
X = Specify Length, 36" Default, 25' Maximum

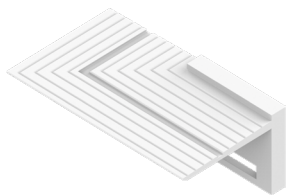
Part #	Length	Qty.
A8-ZIGY-FPF-PC-WET-	36"	
A8-ZIGY-FPF-PC-WET-		

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



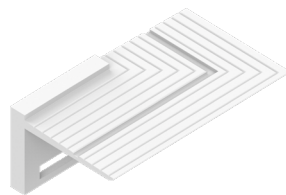
Part #	Qty.
A8-SC-2P-WET	

### END CAPS (Sold Separately)



Left End Cap  
**(A8-ZIGY-FPF-ECL-WH)**

Part #	Qty.
A8-ZIGY-FPF-ECL-WH	

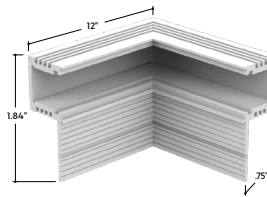


Right End Cap  
**(A8-ZIGY-FPF-ECR-WH)**

Part #	Qty.
A8-ZIGY-FPF-ECR-WH	

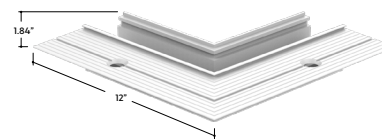
### MITERED CORNERS (Sold Separately)

**Note:** The corner dimensions shown are not to scale.



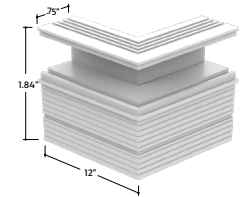
90° Internal Wall Corner  
**(A8-ZIGY-FPF-90D-INW)**

Part #	Qty.
A8-ZIGY-FPF-90D-INW	



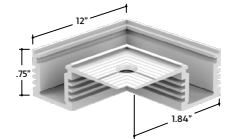
90° External Ceiling Corner  
**(A8-ZIGY-FPF-90D-EXC)**

Part #	Qty.
A8-ZIGY-FPF-90D-EXC	



90° External Wall Corner  
**(A8-ZIGY-FPF-90D-EXW)**

Part #	Qty.
A8-ZIGY-FPF-90D-EXW	



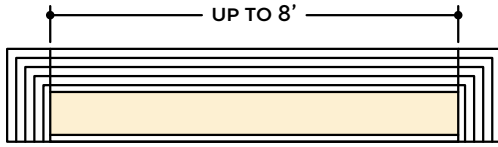
90° Internal Ceiling Corner  
**(A8-ZIGY-FPF-90D-INC)**

Part #	Qty.
A8-ZIGY-FPF-90D-INC	

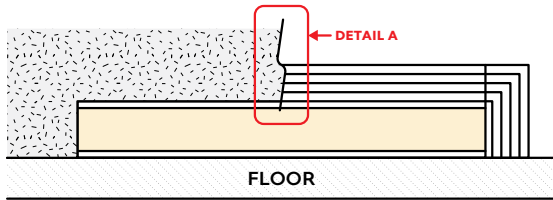


### DESIGN GUIDELINES

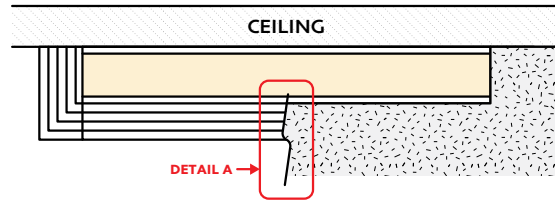
#### Individual Fixture



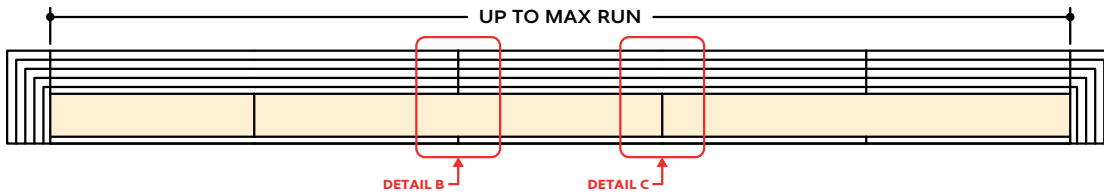
#### Individual Fixture with Mud-In (Wall to Floor)



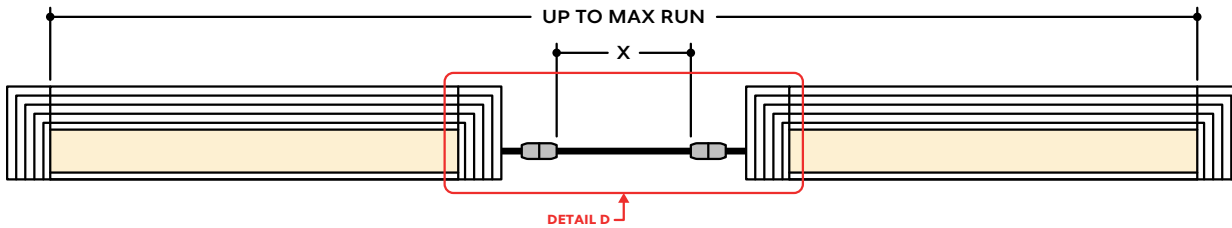
#### Individual Fixture with Mud-In (Wall to Ceiling)



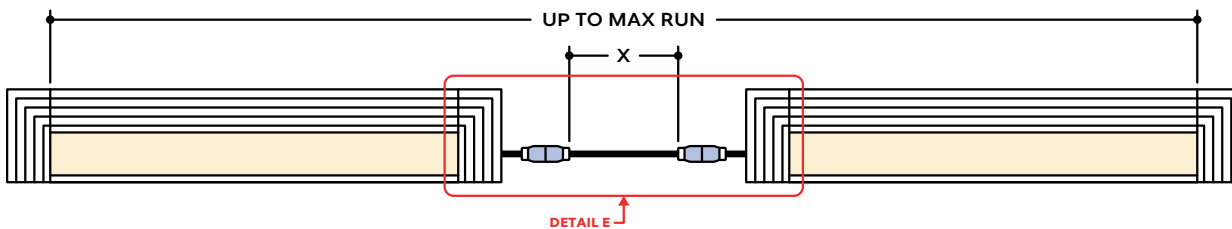
#### Continuous Run



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



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



### KEY

- Detail A Mud-In:** Plaster is used to cover the flanges of the extrusion, leaving a flush appearance. Refer to installation instructions for details.
- Detail B Two Extrusions Meet:** Two extrusion segments meet. Refer to installation instructions for additional details.
- Detail C 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 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.