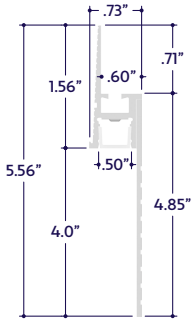


END VIEW / DIMENSIONS



GENERAL FEATURES

Applications	Accent, Decorative, Recessed Lighting
Lens	50% Semi-Frosted or 100% Frosted
Viewing Angle	120°
Length	Built to Order (+/- 1/8" Tolerance)
Construction	Aluminum Extrusion
Field Cutting	Dry and Damp Location Field Cuttable
Weight	0.46 lbs per foot
Mounting	Mud-In
Listing	Dry, Damp, or Wet Location UL2108, 67.1.9, 60.4, CSA C22.2 #9 UL8750, CSA850
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)	18' (6.5W), 21' (5.5W), 26' (4.5W), 33' (3.6W), 36' (1.5W, 2.5W)
Maximum Run (Class 2 Applications)	13' (6.5W), 15' (5.5W), 18' (4.5W), 23' (3.6W), 34' (2.5W), 36' (1.5W)
Luminaire Voltage	24VDC

SPECIFY PRODUCT CODE | CHOOSE FROM DROP DOWNS

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

* Lumens per Foot based on 35K CCT LED. **Example:** 103 Lumens x 1.5 Watts = 154 Lumens per Foot.
² (L3DA) 40 watt max Lutron Hi-Lume 1% 3 Wire #L3DA4UIUKL-CV240
³ (L3D0) 96 watt max Hi-Lume Premier 0.1% #L3D0-96W24V-U
⁴ Default DMX address of each luminaire 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 Red, Green, Blue, and Amber LEDs are only available in 2.5W and 5.5W.
⁷ Run lengths required for Wet Location products. Provide run lengths at time of order.
⁸ Lens must be facing downwards for Wet Location listing.



A8 Series | LED Tape

ZIGY Flush Perimeter Base

(A8-ZIGY-FPB)

TYPE



LAMP FEATURES

Lamp Type	LEDs
CRI	> 95
R _s	95
Efficacy*	90 Lumens per Watt

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

LAMP SPECIFICATIONS

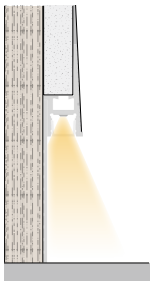
Lamp Number	Correlated Color Temperature / Description	Efficacy (Lumens per Watt)	L70 LED Life
24K	2400 Kelvin (Incandescent White)	90	60,000 hrs.
27K	2700 Kelvin (Warm White)	101	
30K	3000 Kelvin (Warm White)	100	
35K	3500 Kelvin (Neutral White)	103	
40K	4000 Kelvin (Neutral White)	105	
45K	4500 Kelvin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

MOUNTING OPTION



LENS / OPTICS APPEARANCE

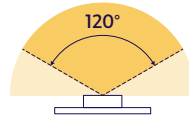


50% Semi-Frosted Lens (SF)
 Slight Diode Image
 12.5% Light Loss



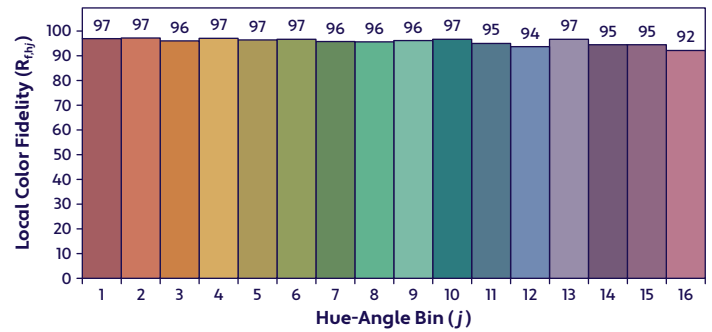
100% Frosted Lens (F)
 No Diode Image: Line of Light
 25% Light Loss

BEAM ANGLE



120° x 120° Beam

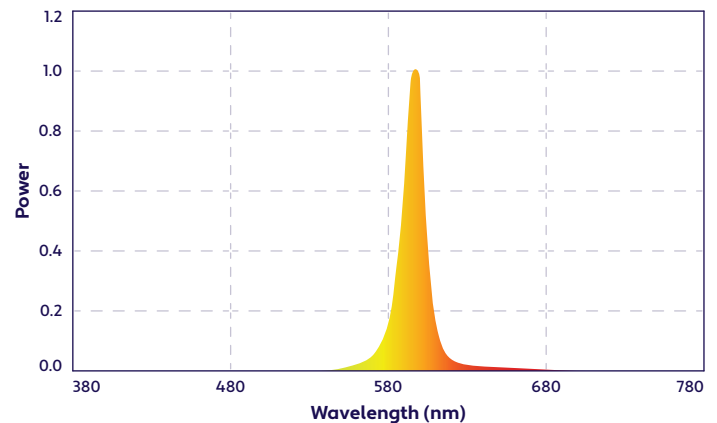
TM-30 VALUES



x 0.4085
 y 0.3901
 u' 0.2381
 v' 0.5115

CIE 13.3-1995
 (CRI)
 R_a 97
 R_s 95

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

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

Specification Submittal

Page 2 of 4

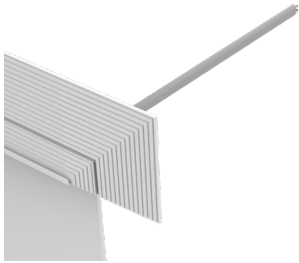
7 / 1 / 2025 / Rev 5

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)

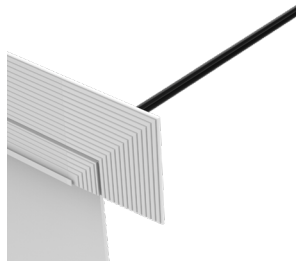
Note: Connectors are factory assembled to each run length. Connectors are subject to change without notice.



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

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

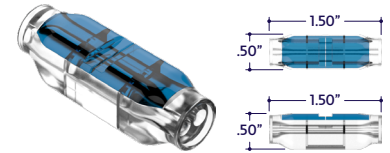
Note: Specify 1 Power Connector for each lead required. Power Connectors are factory assembled to each length.



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

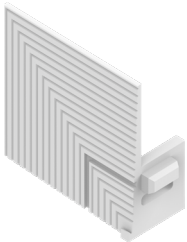
Part #	Length	Qty.
A8-ZIGY-FPB-PC-WET-	36"	
A8-ZIGY-FPB-PC-WET-		

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



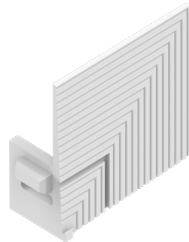
Part #	Qty.
A8-SC-2P-WET	

END CAPS (Sold Separately)



Left End Cap
(A8-ZIGY-FPB-ECL-WH)

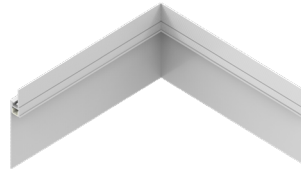
Part #	Qty.
A8-ZIGY-FPB-ECL-WH	



Right End Cap
(A8-ZIGY-FPB-ECR-WH)

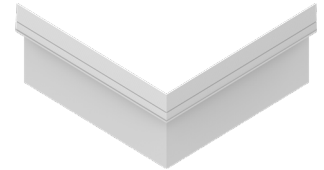
Part #	Qty.
A8-ZIGY-FPB-ECR-WH	

MITERED CORNERS (Sold Separately)



90° Internal Corner
(A8-ZIGY-FPB-90D-IN)

Part #	Qty.
A8-ZIGY-FPB-90D-IN	



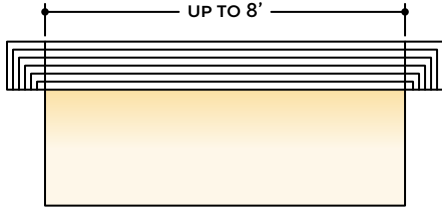
90° External Corner
(A8-ZIGY-FPB-90D-EX)

Part #	Qty.
A8-ZIGY-FPB-90D-EX	

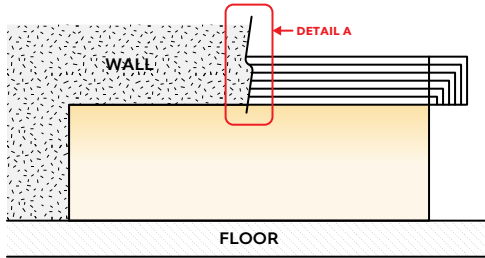


DESIGN GUIDELINES

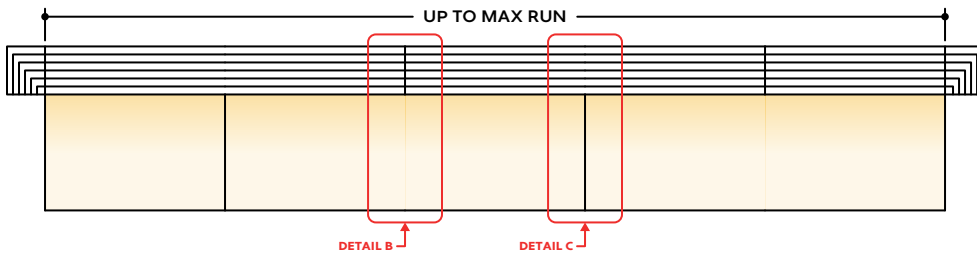
Individual Fixture



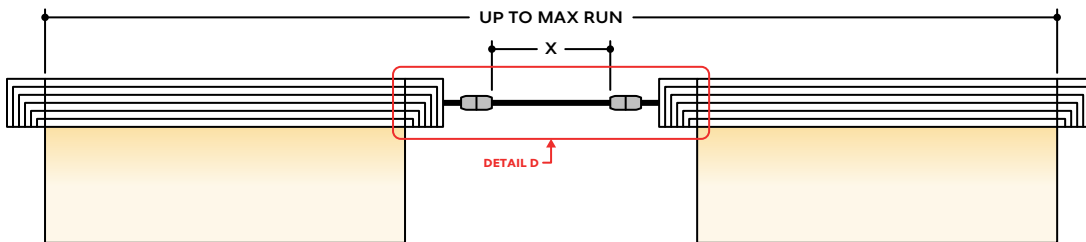
Individual Fixture with Mud-In



Continuous Run



Runs with Continuous Connector (Dry 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. For Mud-In applications, the connection is located behind the mounting surface, such as drywall.

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