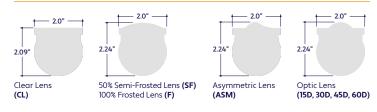


END VIEWS / DIMENSIONS



LENS / OPTICS APPEARANCE



Clear Lens (CL) Visible Diode Image 0% Loss Factor



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



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



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

A1 Series | Surface **ZAFU** Pivot

(A1-ZAFU-PVT)















TYPE



GENERAL FEATURES

Applications	Indirect and Direct Lighting
Lens	Clear, 50% Semi-Frosted, or 100% Frosted
Optics & Asymmetric	15°, 30°, 45°, 60° or Asymmetric Optics
Length	Built to Order (+/- 1/8 Tolerance) (1' Minimum Length, 2' Minimum Length for DMX or DALI Dimming)
Construction	Aluminum Extrusion
Weight	0.95 lbs per foot
Mounting	Mounting Clips (Sold Separately)
Listing	Dry, Wet, or IP67 Location UL1598, CSA C22.2#250.0 UL8750, CSA250 UL2108, 67.1.9, 60.4, CSA C22.2 #9
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 Phase, DMX, DALI
Maximum Run (Line Voltage Integral Driver)	100' (1.5W, 2W, 3W) , 80' (4W) , 64' (5W) , 53' (6W) , 40' (8W) , 26' (12W)
Luminaire Voltage	120V - 277V (UNV) 120V (Forward Phase Dimming Only)

SPECIFY PRODUCT CODE | CHOOSE FROM DROP DOWNS

Series	Lens / Optics	Finish	CCT LED	Watts per Foot	Dimming	Feed Point	Listing	Luminaire Voltage	Luminaire Length
A1-ZAFU-PVT									
ZAFU Pivot	Clear Lens (CL)	Natural Silver*	2400K (24K)	1.5 Watts (1.5W) 180 Lumens / ft* ³	0-10V (10V)	End Feed*6 (EF)	Indoor (DRY) Outdoor	120V - 277V Line Voltage* ⁸ (UNV)	Specify Length in Feet & Inches Example: 7'8"
(A1-ZAFU-PVT)	50% Semi-Frosted Lens	(NA)	2700K (27K)	2 Watts (2W) 240 Lumens / ft* ³	0-10V: 100%1% (10V1%)	Bottom Feed (BF)			
	(SF)	White (WH)	3000K (30K)	3 Watts (3W) 360 Lumens / ft*	0-10V: 100% - 1% (10V-1%)	Side Feed Left (SFL)			
	100% Frosted Lens (F)	Satin (SA)	3500K (35K)	4 Watts (4W) 480 Lumens / ft* ³	Forward Phase:	Side Feed Right*7 (SFR)	(WET)	120V Line Voltage (Phase Dimming Only) (120V)	
	Asymmetric Lens Left (ASML)	Black (BK)	4000K (40K)	5 Watts (5W) 600 Lumens / ft* ³	120V Line Voltage (FP)		Outdoor IP67		
		Silver (SR)	4500K (45K)	6 Watts (6W) 720 Lumens / ft*3	DMX-512*4 (DMX)		(IP67)		
	Asymmetric Lens Right*		5000K (50K)	8 Watts (8W) 960 Lumens / ft* ³	DALI* ⁵ (DALI)				
	(ASMR)		5700K (57K)	12 Watts (12W) 1440 Lumens / ft* ³	JA8 0-10V (JA8-10V)				
	15° Optics (15D)		Red (R)		Leave Blank for				
	30° Optics (30D)		Green (G)		Non-Dimming				
	45° Optics (45D)		Blue (B)						
	60° Optics (60D)		Amber (A)						

Maximum length for line voltage (Integral Driver) Is 320 Watts per run. **Example:** 320 Watts + 8 Watts per Foot = 40 feet max run.

- *1 Default Asymmetric Direction is Right (ASMR) if left blank
- Default finish is Natural Silver (NA) if left blank.
- Lumens per Foot based on 35K CCT LED with Clear Lens (CL). **Example:** 120 Lumens x 1.5 Watts = 180 Lumens per Foot.
- Default DMX address of each luminaire is 001.

 Consult third party DMX commissioner to modify at time of installation. 2' minimum luminaire length.
- *5 DALI commissioning to be performed by a third party at time of installation. ALUZ does not provide DALI commissioning. 2' minimum luminaire length.
- Default feed point is End Feed (EF) if left blank.
- Default Side Feed direction is Right (SFR) if unspecified.
- Integral drivers sized based on wattage per length. **Example:** 10 feet x 3 Watts per foot = 30 Watts. Driver will be sized based on 30 Watts.

1170 N Red Gum St, Anaheim, CA 92806

 \mathbin{igtii} aluz.lighting $oxed{\boxtimes}$ info@aluz.lighting



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



LAMP FEATURES

Lamp Type	High Output LEDs (No Mercury)
CRI	> 95
Efficacy*	120 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)	120		
27K	2700 Kelvin (Warm White)	120	_	
30K	3000 Kelvin (Warm White)	120		
35K	3500 Kelvin (Neutral White)	120		
40K	4000 Kelvin (Neutral White)	120	— 60,000 hrs.	
45K	4500 Kelvin (Neutral White) 120		_	
50K	5000 Kelvin (Cool White)	130		
57K	5700 Kelvin (Cool White)	130		
R	Red (621nm)	70		
G	Green (525nm)	139	(0.000 h	
В	Blue (470nm)	40	— 40,000 hrs.	
A	Amber (590nm) 128		_	

Note: The specifications Standard Output (SO), Mid Output (MO), and High Output (HO) have been replaced by a single output equivalent to High Output (HO).

To calculate Lumens per Foot, multiply Efficacy by Watts per Foot.

Example: 120 Lumens per Watt x 1.5 Watts per Foot = 180 Lumens per Foot.

FEED POINTS

Dry Location Feed Points



(EF)

(EF)





(SFL)



Side Feed Right (SFR)

Note: Account for the cordgrip dimensions when measuring. • Add 0.15" for **(EF)**, **(BFF)**, **(SFFL)**, and **(SFFR)**.

- Add 0.55" for (BF), (SFL), and (SFR).

Wet Location Feed Points









(SFR)

Side Feed Right

- **Note:** Account for the cordgrip dimensions when measuring. Add 0.80" for **(EF)**, **(BFF)**, **(SFFL)**, and **(SFFR)**.
- Add 1.25" for (BF), (SFL), and (SFR).

A1 Series | Surface **ZAFU** Pivot

(A1-ZAFU-PVT)

TYPE

BEAM ANGLES



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



45° x 60° Beam Asymmetric Lens Left (ASML)



45° x 60° Beam Asymmetric Lens Right (ASMR)



15° x 60° Beam Optic Lens



30° x 60° Beam Optic Lens (30D)



Optic Lens (45D)



60° x 60° Beam Optic Lens (60D)

OPTICS ORIENTATION





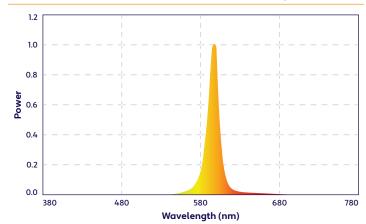


Asymmetric Lens Left (ASML) with Side Feed Right (SFR)

Note: Refer to the above diagrams to understand optics orientation in relation to the power feed.

SPECTRAL POWER DISTRIBUTION AMBER LED (590nm) TURTLE FRIENDLY





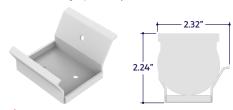


A1 Series | Surface ZAFU Pivot (A1-ZAFU-PVT)

TYPE	

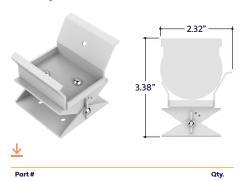
MOUNTING OPTIONS (Sold Separately)

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



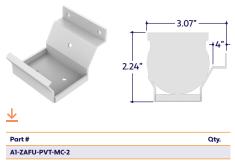


Note: Use 1 mounting clip per 2', rounded up. Click on image to see cut sheet for additional details.

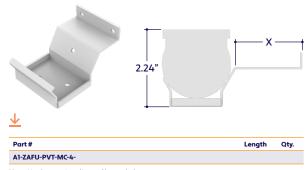


Note: Use 1 mounting clip per 2', rounded up. Click on image to see cut sheet for additional details.

A1-ZAFU-PVT-MC-3



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



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

CONNECTORS (Sold Separately)

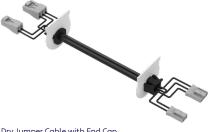


Dry Power Connector with End Cap (A1-ZAFU-PVT-PC-EC-Y-DRY-X) Y = Lens / Optics

X = Specify Cable Length, 6' Default

Part#	Length	Qty.
A1-ZAFU-PVT-PC-EC-CL-DRY-		
A1-ZAFU-PVT-PC-EC-SF-DRY-		
A1-ZAFU-PVT-PC-EC-F-DRY-		
A1-ZAFU-PVT-PC-ECL-ASM-DRY-		
A1-ZAFU-PVT-PC-ECR-ASM-DRY-		
A1-ZAFU-PVT-PC-EC-15D-DRY-		
A1-ZAFU-PVT-PC-EC-30D-DRY-		
A1-ZAFU-PVT-PC-EC-45D-DRY-		
A1-ZAFU-PVT-PC-EC-60D-DRY-		

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



Dry Jumper Cable with End Cap
(A1-ZAFU-PVT-JC-EC-Y-DRY-X)
Y = Lens / Optics
X = Specify Cable Length, 6" Default

Part #	Length	Qty.
A1-ZAFU-PVT-JC-EC-CL-DRY-		
A1-ZAFU-PVT-JC-EC-SF-DRY-		
A1-ZAFU-PVT-JC-EC-F-DRY-		
A1-ZAFU-PVT-JC-EC-ASM-DRY-		
A1-ZAFU-PVT-JC-EC-15D-DRY-		
A1-ZAFU-PVT-JC-EC-30D-DRY-		
A1-ZAFU-PVT-JC-EC-45D-DRY-		
A1-ZAFU-PVT-JC-EC-60D-DRY-		

 $\textbf{Note} \colon \text{Use 1} \text{ Dry Jumper Cable for each instance where the run will transverse a corner or an obstacle.}$

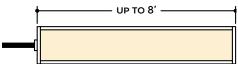


A1 Series | Surface ZAFU Pivot (A1-ZAFU-PVT)

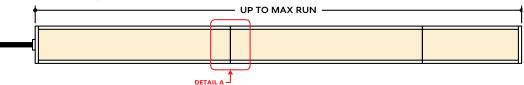
TYPE	

DESIGN GUIDELINES

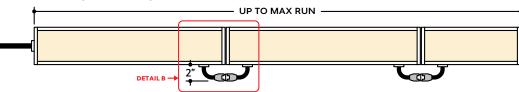




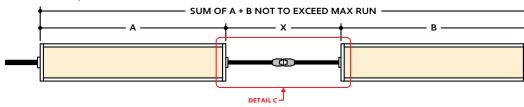
Continuous Run (Dry Location)



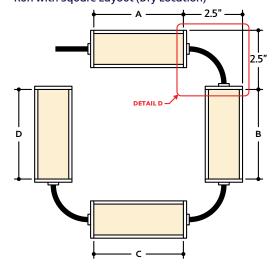
Continuous Run (Wet Location)



Runs with Jumper Cable (Wet Location)



Run with Square Layout (Dry Location)



KEY

Detail C

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	Continuous Connection (Wet Location): Luminaire segments are connected using an external continuous connector, with ends butted together. Allow at least 2" of space on the side of fixture for continuous connections.

Wet Jumper Cable: Used to span a corner or traverse a gap or obstacle in a wet location installation area. Use the guidelines from Configurations to specify location of jumpers at time of order.

Detail D Dry 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.

Page 4 of 5

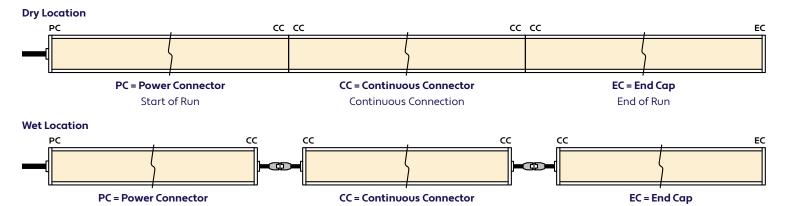


A1 Series | Surface ZAFU Pivot (A1-ZAFU-PVT)

TYPE	

End of Run

CONNECTION SEQUENCE



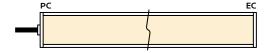
Continuous Connection

- Start of Run
 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

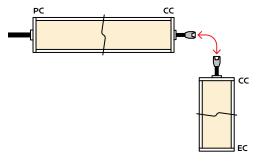
Example: 20' Straight Run

• 1x A1-ZAFU-PVT-CL-NA-35K-1.5W-10V-EF-DRY-UNV-20'-PC-EC



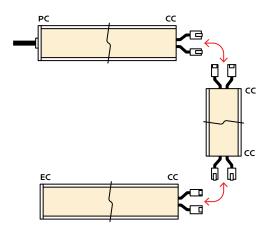
Example: 25' L-Shaped Run

- 1x A1-ZAFU-PVT-CL-NA-35K-5W-10V-EF-WET-UNV-12'-PC-CC
- 1x A1-ZAFU-PVT-CL-NA-35K-5W-10V-EF-WET-UNV-13'-CC-EC



Example: 30' U-Shaped Run

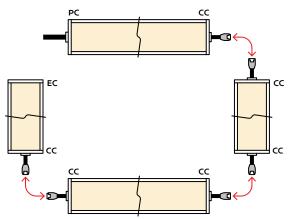
- 1x A1-ZAFU-PVT-CL-NA-35K-1.5W-10V-EF-DRY-UNV-6'-PC-CC
- 1x A1-ZAFU-PVT-CL-NA-35K-1.5W-10V-EF-DRY-UNV-18'-CC-CC
- 1x A1-ZAFU-PVT-CL-NA-35K-1.5W-10V-EF-DRY-UNV-6'-CC-EC



1170 N Red Gum St, Anaheim, CA 92806

Example: 28' Rectangle Shaped Run

- 1x A1-ZAFU-PVT-CL-NA-35K-5W-10V-EF-WET-UNV-11'-PC-CC
- 1x A1-ZAFU-PVT-CL-NA-35K-5W-10V-EF-WET-UNV-3'-CC-CC
- 1x A1-ZAFU-PVT-CL-NA-35K-5W-10V-EF-WET-UNV-11'-CC-CC
- 1x A1-ZAFU-PVT-CL-NA-35K-5W-10V-EF-WET-UNV-3'-CC-EC



Specification Submittal