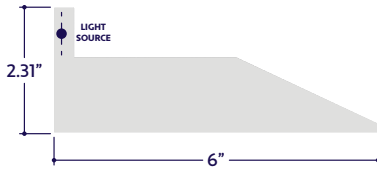
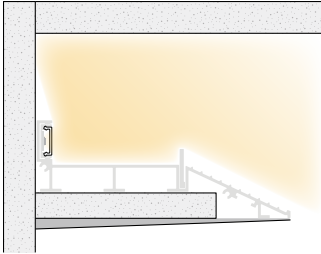




END VIEW / DIMENSIONS



MOUNTING OPTION



Mud-In / Plaster

GENERAL FEATURES

Applications	Knife Edge Cove Lighting
Lens	Clear
Length	Built to Order (+/- 0.25" Tolerance)
Construction	Aluminum Extrusion
Finish	White Powder Coated
Weight	1.5 lbs per foot
Mounting	Direct Mount / Mud-In
Listing	Dry or Damp Location UL1598, CSA C22.2#250.0 UL8750, CSA250 UL2108, 67.1.9, 60.4, CSA C22.2 #9
Driver	Remote
Closet Rating	Up to 4 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)

ELECTRICAL

Dimming	0-10V, Lutron, DMX, DALI
Maximum Run* (Class 2 Applications)	36' (2W), 28' (3W), 21' (4W), 14' (6W)
Luminaire Voltage	120-277VAC (UNV)

* Maximum Runs refer to each light source.
Runs ordered with mismatched light source wattages will be built to the smaller max run.

SPECIFY PRODUCT CODE | CHOOSE FROM DROP DOWNS

Series	Lens	Watts per Foot	Dimming	CCT LED	Listing	Finish	Luminaire Length
				DRY		NA	
ZELO Knife Edge Mini (A2-ZELO-KEM)	Clear Lens (CL)	2 Watts (2W) 216 Lumens / ft*	0-10V: 100% - 1% (10V)	2400K (24K)	Indoor (DRY)	Natural (NA)	Specify Length in Feet & Inches Example: 7'8"
			Phase Dimming: Forward Phase / Reverse Phase (PH)	2700K (27K)			
	50% Semi-Frosted Lens (SF)	3 Watts (3W) 324 Lumens / ft*		3000K (30K)			
ZELO Knife Edge Mini Flex (A2-ZELO-KEF)			Hi-Lume 1% 3 Wire** (L3DA)	3500K (35K)			
			Hi-Lume Premier 0.1% JA8** (L3D0)	4000K (40K)			
	100% Frosted Lens: Line of Light (F)	4 Watts (4W) 432 Lumens / ft*		4500K (45K)			
			DMX-512** (DMX)				
		6 Watts (6W) 648 Lumens / ft*	DALI** (DALI)	5000K (50K)			
			JA8 0-10V (JA8-10V)	5700K (57K)			
			CASAMBI (CAS)	Red (R)			
			ATHENA 0-10V (10V-LA)	Green (G)			
		ATHENA DALI (DALI-LA)	Blue (B)				
			Leave Blank for Non-Dimming	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.

- * Lumens per Foot based on 35K CCT LED with Clear Lens (CL). **Example:** 108 Lumens x 2 Watts = 216 Lumens per Foot.
- * (L3DA) 40 watt max Hi-Lume 1% L3DA3W #L3DA4UIUKL-CV240
- * (L3D0) 96 watt max Hi-Lume Premier 0.1% #L3D0-96W24V-U
- * Default DMX address of each fixture is 001. Consult third party DMX commissioner to modify at time of installation.
- * DALI commissioning to be performed by a third party at time of installation. ALUZ does not provide DALI commissioning.



A2 Series | Recessed
ZELO Knife Edge Mini
(A2-ZELO-KEM)

TYPE

LAMP FEATURES

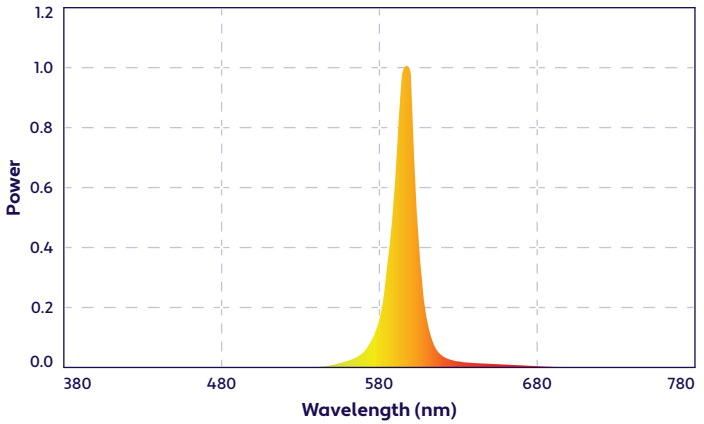
Lamp Type	High Output LEDs (No Mercury)
CRI	> 93
Efficacy (Based on 35K CCT LED)	125 Lumens per Watt

Note: Lumens per Watt based on combination of Light Sources A + B.

LENS / OPTICS APPEARANCE

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

SPECTRAL POWER DISTRIBUTION
AMBER LED (590nm) TURTLE FRIENDLY



LAMP SPECIFICATIONS

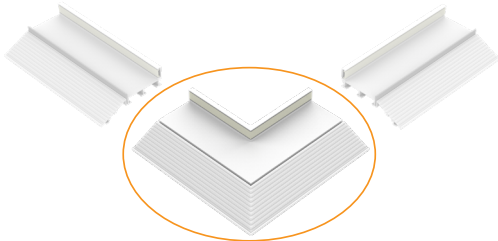
Lamp Number	Light Source	"Correlated Color Temperature / Description"	L70 LED Life	Efficacy (Lumens per Watt)	2W Lumens/ft ^a	3W Lumens/ft ^a	4W Lumens/ft ^a	5W Lumens/ft ^a	6W Lumens/ft ^a	8W Lumens/ft ^a	12W Lumens/ft ^a
24K	A	2400 Kelvin (Incandescent White)	60,000 hrs.	103	207	311	415	519	623	831	1247
27K		2700 Kelvin (Warm White)		106	212	318	424	531	637	849	1274
30K		3000 Kelvin (Warm White)		107	214	322	429	536	644	858	1288
35K		3500 Kelvin (Neutral White)		113	226	339	452	565	678	904	1356
40K		4000 Kelvin (Neutral White)		114	228	342	456	570	684	913	1369
45K		4500 Kelvin (Neutral White)		118	237	355	474	593	711	949	1423
50K		5000 Kelvin (Cool White)		117	235	352	470	587	705	940	1410
57K		5700 Kelvin (Cool White)		116	232	348	464	582	698	931	1396

^a To calculate Lumens per Foot, multiply Efficacy by Watts per Foot. **Example:** 106 Lumens per Watt x 2 Watts per Foot = 212 Lumens per Foot.

DRIVERS

Dimming Selection	Product Code	Link to Specification Sheet / URL
0-10V	(10V)	↓ https://aluz.lighting/assets/PDFs/DRV/DRIVERS-Brochure.pdf
Phase Dimming: Forward Phase / Reverse Phase	(PH)	↓ https://aluz.lighting/assets/PDFs/DRV/DRIVERS-Brochure.pdf
Hi-Lume 1% 3 Wire	(L3DA)	↓ https://aluz.lighting/assets/PDFs/DRV/DRIVERS-Brochure-Lutron.pdf
Hi-Lume Premier 0.1% JA8	(L3D0)	↓ https://aluz.lighting/assets/PDFs/DRV/DRIVERS-Brochure-Lutron.pdf
DMX-512	(DMX)	↓ https://aluz.lighting/assets/PDFs/DRV/DRIVERS-Brochure-RDM.pdf
DALI	(DALI)	↓ https://aluz.lighting/assets/PDFs/DRV/DRIVERS-Brochure-RDM.pdf
JA8 0-10V	(JA8-10V)	↓ https://aluz.lighting/assets/PDFs/DRV/DRIVERS-Brochure.pdf

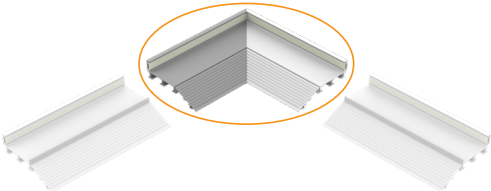
ILLUMINATED CORNERS (Sold Separately)



90° Illuminated External Corner
(A2-ZELO-KEM-90D-EX-X) X = Specify Product Code

Series	CCT LED	Watts per Foot (Light Source A)	Watts per Foot (Light Source B)	Dimming	Listing	Luminaire Voltage
A2-ZELO-KEM-90D-IN						UNV

Note: Specify product code to match specified code from page 1.
Click on image to see cut sheet for additional details.

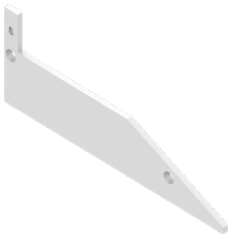


90° Illuminated Internal Corner
(A2-ZELO-KEM-90D-IN-X) X = Specify Product Code

Series	CCT LED	Watts per Foot (Light Source A)	Watts per Foot (Light Source B)	Dimming	Listing	Luminaire Voltage
A2-ZELO-KEM-90D-EX						UNV

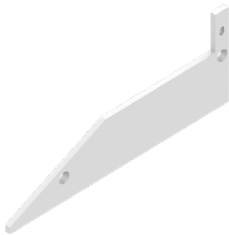
Note: Specify product code to match specified code from page 1.
Click on image to see cut sheet for additional details.

END CAPS (Sold Separately)



Left End Cap
(A2-ZELO-KEM-ECL-WH)

Part #	Qty.
A2-ZELO-KEM-ECL-WH	



Right End Cap
(A2-ZELO-KEM-ECR-WH)

Part #	Qty.
A2-ZELO-KEM-ECR-WH	

ACCESSORIES (Sold Separately)



Lock Bar
(A2-ZELO-KNF-LB)

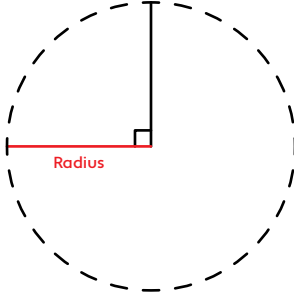
Part #	Qty.
A2-ZELO-KNF-LB	

CUSTOM CURVING

Custom Curving is the process of shaping the A2-ZELO-KEM aluminum channel to a specified radius. Follow the guide below to define the required curve.

RADIUS

A **Radius** is a line extending from the center of a circle to the edge or bounding surface of a circle. The Radius is shown as the red line in the below diagram.

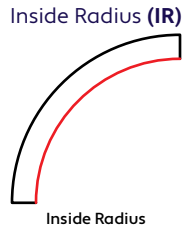


RADIUS (INSIDE ONLY)

The **Inside Radius (IR)** is the only accepted method for specifying curvature on the A2-ZELO-KNF.

- Radius is measured from the center of the circle to the **Inside Edge of the Extrusion**.

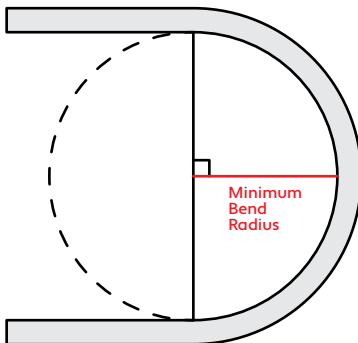
- All curves must be defined using **Inside Radius (IR)**.



MINIMUM BEND RADIUS

The **Minimum Bend Radius** is the smallest radius the extrusion can be formed to.

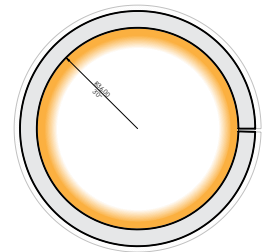
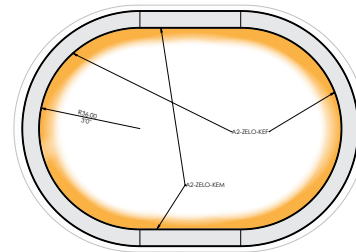
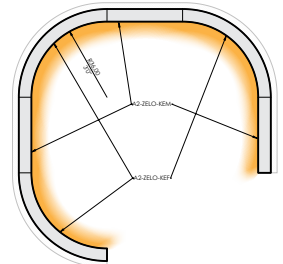
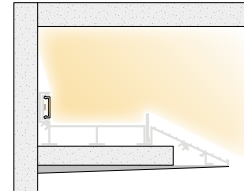
- Minimum Bend Radius: 3 ft**



CONFIGURATION

Standard Configuration:

Light output is oriented **IN (toward wall/cove)**.



HOW TO ORDER

Provide the following information:

- Inside Radius (IR)
- Total Length of Full Curve

PART NUMBER FORMAT

A2-ZELO-KNF-RXX-YY

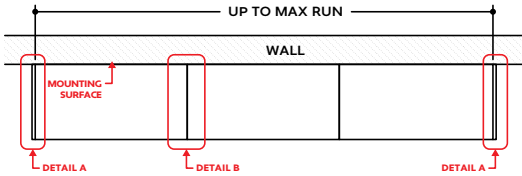
- R** = Radius (Inside Radius)
- XX** = Radius Value
- YY** = Total Length of Full Curve

LIMITATIONS

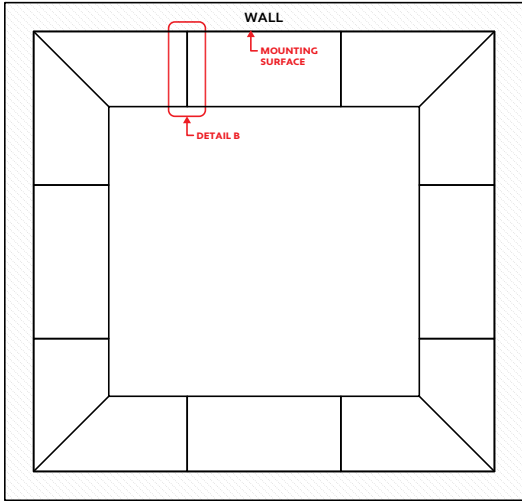
- Curves must be based on a true radius
- No free-form or field bending
- A single extrusion cannot form a full circle
- Curves are built in segments
- Must follow maximum run limitations per specification

DESIGN GUIDELINES

Straight Run



Square Run with Mitered Corners



KEY

- Detail A End Cap:** An end cap is used to terminate each run at either end.
- Detail B Continuous Connection:** Luminaire segments are connected using an included continuous connector.

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