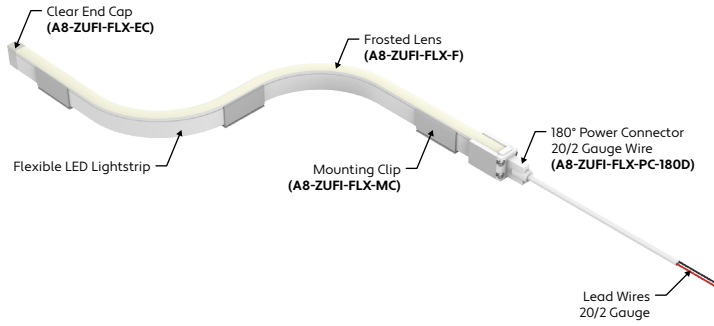


ALUZ

A8 Series | LED Tape

ZUFI Flex
(A8-ZUFI-FLX)

TYPE



✓ TM-30
✓ LM-79
✓ LM-80

DRY
WET

RoHS
COMPLIANT

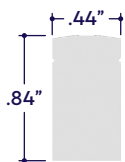
CLOSET
RATED



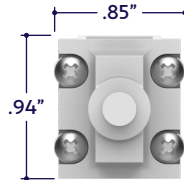
GENERAL FEATURES

Applications	Accent, Decorative Lighting, Ingrade Walk-Over
Lens	100% Frosted: No Pixelation (Line of Light)
Length	Built to Order (+/- 0.25" Tolerance) Select Lengths from Cut Increments Table on Page 3
Construction	Flexible Lightstrip
Weight	0.22 lbs per foot
Field Cutting	Dry Location Only Consult factory for Wet Location Field Cutting
Mounting	Mounting Clips or Mounting Channel (Sold Separately)
Listing	Dry or Wet Location UL1598, CSA C22.2#250.0 UL8750, CSA250 UL2108, 67.1.9, 60.4, CSA C22.2 #9
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	

END VIEWS / DIMENSIONS

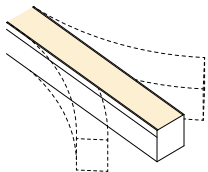


Lightstrip Only



Assembled Lightstrip

LIGHTSTRIP BEND DIRECTION



Horizontal Bend (Default) (HB)

ELECTRICAL

Dimming	0-10V, Forward / Reverse Phase, Lutron, DMX, DALI
Maximum Run (Class 1 Applications)	40' (4.3W) 60' (3.3W)
Maximum Run (Class 2 Applications)	20' (4.3W) 26' (3.3W)
Luminaire Voltage	24VDC

SPECIFY PRODUCT CODE | CHOOSE FROM DROP DOWNS

Series	Watts per Foot	Dimming	CCT LED	Listing	Luminaire Length ⁷
A8-ZUFI-FLX					
ZUFI Flex (A8-ZUFI-FLX)	3.3 Watts (3.3W) 204 Lumens / ft ²	Phase Dimming: Forward / Reverse Phase (PH) 0-10V: 100% - 1% (10V)	2200K (22K) 2400K (24K)	Indoor (DRY)	Select a length from the cut increments table on next page. Example: 7'8"
	4.3 Watts (4.3W) 266 Lumens / ft ²	Hi-lume 1% 3 Wire ³ (L3DA) Hi-lume Premier 0.1% JA8 ⁴ (L3D0)	2700K (27K) 3000K (30K)	Outdoor (WET)	
		JA8 0-10V (JA8-10V)	3500K (35K)		
		DMX-512 ⁵ (DMX)	5000K (50K)		
		DALI ⁶ (DALI)	Red (R)		
		Leave Blank for Non-Dimming	Green (G)		
			Blue (B)		
			Amber (A)		

¹ Default Bend Direction is Horizontal Bend (HB) if left blank.

² Lumens per Foot based on 35K CCT LED. **Example:** 62 Lumens x 3.3 Watts = 204 Lumens per Foot.

³ (L3DA) 40 watt max Lutron Hi-Lume 1% 3 Wire #L3DA4UIUKL-CV240

⁴ (L3D0) 96 watt max Hi-Lume Premier 0.1% #L3D0-96W24V-U

⁵ Default DMX address of each luminaire is 001. Consult third party DMX commissioner to modify at time of installation.

⁶ DALI commissioning to be performed by a third party at time of installation. ALUZ does not provide DALI commissioning.

⁷ Luminaire length must be selected from the cut increments table. Specified lengths that deviate from the cut increments will be sized to the nearest smaller increment.

Note: Add 1/8" to luminaire length to account for End Cap. Add 1-1/4" to luminaire length to account for 180° Power Connector. Add 2" to luminaire length to account for 90° Power Connector.

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Specification Submittal

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LAMP FEATURES

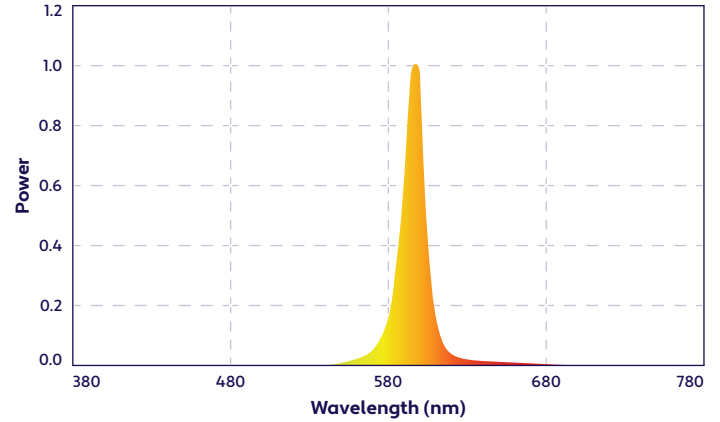
Lamp Type	LEDs
CRI	> 90
Efficacy (Based on 35K CCT LED)	62 Lumens per Watt

LAMP SPECIFICATIONS

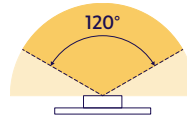
Lamp Number	Correlated Color Temperature / Description	Efficacy (Lumens per Watt)	L70 LED Life
22K	2200 Kelvin (Incandescent White)	62	50,000 hrs.
24K	2400 Kelvin (Incandescent White)	62	
27K	2700 Kelvin (Warm White)	62	
30K	3000 Kelvin (Warm White)	62	
35K	3500 Kelvin (Neutral White)	62	
50K	5000 Kelvin (Cool White)	62	
R	Red (621nm)	62	
G	Green (528nm)	62	
B	Blue (471nm)	62	
A	Amber (589nm)	62	

To calculate Lumens per Foot, multiply Efficacy by Watts per Foot.
Example: 62 Lumens per Watt x 3.3 Watts per Foot = 204 Lumens per Foot.

SPECTRAL POWER DISTRIBUTION AMBER LED (590nm) TURTLE FRIENDLY



BEAM ANGLE



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)	



A8 Series | LED Tape

ZUFI Flex

(A8-ZUFI-FLX)

TYPE



CUT INCREMENTS

Nominal Length		Cut Length	
Feet	Inches	Feet	Inches
0'	3-1/2"	0'	3.28"
0'	6-3/4"	0'	6.56"
0'	10"	0'	9.86"
1'	1-1/4"	1'	1.16"
1'	4-1/2"	1'	4.46"
1'	8"	1'	7.76"
1'	11-1/4"	1'	11.06"
2'	2-1/2"	2'	2.36"
2'	5-3/4"	2'	5.66"
2'	9"	2'	8.96"
3'	1/4"	3'	0.25"
3'	3-3/4"	3'	3.56"
3'	9"	3'	6.85"
3'	10-1/4"	3'	10.16"
4'	1-1/2"	4'	1.45"
4'	4-3/4"	4'	4.75"
4'	8-1/4"	4'	8.05"
4'	11-1/2"	4'	11.36"
5'	2-3/4"	5'	2.65"
5'	6"	5'	5.95"
5'	9-1/4"	5'	9.25"
6'	3/4"	6'	0.55"
6'	4"	6'	3.85"
6'	7-1/4"	6'	7.15"
6'	10-1/2"	6'	10.46"
7'	1-3/4"	7'	1.75"
7'	5-1/4"	7'	5.05"
7'	8-1/2"	7'	8.35"
7'	11-3/4"	7'	11.66"
8'	3"	8'	2.95"
8'	6-1/4"	8'	6.25"
8'	10"	8'	9.55"
9'	1"	9'	0.85"
9'	4-1/4"	9'	4.15"
9'	7-1/2"	9'	7.45"
9'	10-3/4"	9'	10.75"
10'	2-1/4"	10'	2.05"
10'	5-1/2"	10'	5.35"
10'	8-3/4"	10'	8.65"
11'	0"	10'	11.96"
11'	3-1/4"	11'	3.25"
11'	6-3/4"	11'	6.55"
11'	10"	11'	9.85"
12'	1-1/4"	12'	1.16"
12'	4-1/2"	12'	4.46"
12'	8"	12'	7.76"
12'	11-1/4"	12'	11.06"
13'	2-1/2"	13'	2.36"
13'	5-3/4"	13'	5.66"
13'	9"	13'	8.96"
14'	1/2"	14'	0.26"
14'	3-3/4"	14'	3.56"
14'	7"	14'	6.86"
14'	10-1/4"	14'	10.16"
15'	1-1/2"	15'	1.46"
15'	5"	15'	4.76"
15'	8-1/4"	15'	8.06"
15'	11-1/2"	15'	11.36"
16'	2-3/4"	16'	2.66"
16'	6"	16'	5.96"

Nominal Length		Cut Length	
Feet	Inches	Feet	Inches
16'	9-1/2"	16'	9.26"
17'	3/4"	17'	0.56"
17'	4"	17'	3.86"
17'	7-1/4"	17'	7.16"
17'	10-1/2"	17'	10.46"
18'	2"	18'	1.76"
18'	5-1/4"	18'	5.06"
18'	8-1/2"	18'	8.36"
18'	11-3/4"	18'	11.66"
19'	3"	19'	2.96"
19'	6-1/2"	19'	6.26"
19'	9-3/4"	19'	9.56"
20'	1"	20'	0.86"
20'	4-1/4"	20'	4.16"
20'	7-1/2"	20'	7.46"
20'	11"	20'	10.76"
21'	2-1/4"	21'	2.06"
21'	5-3/4"	21'	5.36"
21'	8-3/4"	21'	8.66"
22'	0"	21'	11.96"
22'	3-1/2"	22'	3.26"
22'	6-3/4"	22'	6.56"
22'	10"	22'	9.86"
23'	1-1/4"	23'	1.16"
23'	4-1/2"	23'	4.46"
23'	8"	23'	7.76"
23'	11-1/4"	23'	11.06"
24'	2-1/2"	24'	2.36"
24'	5-3/4"	24'	5.66"
24'	9"	24'	8.96"
25'	1/2"	25'	0.26"
25'	3-3/4"	25'	3.56"
25'	7"	25'	6.86"
25'	10-1/4"	25'	10.16"
26'	1-1/2"	26'	1.46"
26'	5"	26'	4.76"
26'	8-1/4"	26'	8.06"
26'	11-1/2"	26'	11.36"
27'	2-3/4"	27'	2.66"
27'	6"	27'	5.96"
27'	9-1/2"	27'	9.26"
28'	3/4"	28'	0.56"
28'	4"	28'	3.86"
28'	7-1/4"	28'	7.16"
28'	10-1/2"	28'	10.46"
29'	2"	29'	1.76"
29'	5-1/4"	29'	5.06"
29'	8-1/2"	29'	8.36"
29'	11-3/4"	29'	11.66"
30'	3"	30'	2.96"
30'	6-1/2"	30'	6.26"
30'	10"	30'	9.56"
31'	1"	31'	0.86"
31'	4-1/4"	31'	4.16"
31'	7-1/2"	31'	7.46"
31'	11"	31'	10.76"
32'	2-1/4"	32'	2.06"
32'	5-1/2"	32'	5.36"
32'	8-3/4"	32'	8.66"
33'	0"	32'	11.96"

Nominal Length		Cut Length	
Feet	Inches	Feet	Inches
33'	3-1/2"	33'	3.26"
33'	6-3/4"	33'	6.56"
33'	10"	33'	9.86"
34'	1-1/4"	34'	1.16"
34'	4-1/2"	34'	4.46"
34'	8"	34'	7.76"
34'	11-1/4"	34'	11.06"
35'	2-1/2"	35'	2.36"
35'	5-3/4"	35'	5.66"
35'	9"	35'	8.96"
36'	1/2"	36'	0.26"
36'	3-3/4"	36'	3.56"
36'	7"	36'	6.86"
36'	10-1/4"	36'	10.16"
37'	1-1/2"	37'	1.46"
37'	5"	37'	4.76"
37'	8-1/4"	37'	8.06"
37'	11-1/2"	37'	11.36"
38'	2-3/4"	38'	2.66"
38'	6"	38'	5.96"
38'	9-1/2"	38'	9.26"
39'	3/4"	39'	0.56"
39'	4"	39'	3.86"
39'	7-1/4"	39'	7.16"
39'	10-1/2"	39'	10.46"
40'	2"	40'	1.76"
40'	5-1/4"	40'	5.06"
40'	8-1/2"	40'	8.36"
40'	11-3/4"	40'	11.66"
41'	3"	41'	2.96"
41'	6-1/2"	41'	6.26"
41'	10"	41'	9.56"
42'	1"	42'	0.86"
42'	4-1/4"	42'	4.16"
42'	7-1/2"	42'	7.46"
42'	11"	42'	10.76"
43'	2-1/4"	43'	2.06"
43'	5-1/2"	43'	5.36"
43'	8-3/4"	43'	8.66"
44'	0"	43'	11.96"
44'	3-1/2"	44'	3.26"
44'	6-3/4"	44'	6.56"
44'	10"	44'	9.86"
45'	1-1/4"	45'	1.16"
45'	4-1/2"	45'	4.46"
45'	8"	45'	7.76"
45'	11-1/4"	45'	11.06"
46'	2-1/2"	46'	2.36"
46'	5-3/4"	46'	5.66"
46'	9"	46'	8.96"
47'	1/2"	47'	0.26"
47'	4"	47'	3.56"
47'	7"	47'	6.86"
47'	10-1/4"	47'	10.16"
48'	1-1/2"	48'	1.46"
48'	5"	48'	4.76"
48'	8-1/4"	48'	8.06"
48'	11-1/2"	48'	11.36"
49'	2-3/4"	49'	2.66"
49'	6"	49'	5.96"

Nominal Length		Cut Length	
Feet	Inches	Feet	Inches
49'	9-1/2"	49'	9.26"
50'	3/4"	50'	0.56"
50'	4"	50'	3.86"
50'	7-1/4"	50'	7.15"
50'	10-1/2"	50'	10.45"
51'	1-3/4"	51'	1.75"
51'	5-1/4"	51'	5.05"
51'	8-1/2"	51'	8.35"
51'	11-3/4"	51'	11.65"
52'	3"	52'	2.95"
52'	6-1/4"	52'	6.25"
52'	9-3/4"	52'	9.55"
53'	1"	53'	0.85"
53'	4-1/4"	53'	4.15"
53'	7-1/2"	53'	7.45"
53'	10-3/4"	53'	10.75"
54'	2-1/4"	54'	2.05"
54'	5-1/2"	54'	5.35"
54'	8-3/4"	54'	8.65"
55'	0"	54'	11.95"
55'	3-1/4"	55'	3.25"
55'	6-3/4"	55'	6.55"
55'	10"	55'	9.85"
56'	1-1/4"	56'	1.12"
56'	4-1/2"	56'	4.45"
56'	7-3/4"	56'	7.75"
56'	11-1/4"	56'	11.05"
57'	2-1/2"	57'	2.35"
57'	5-3/4"	57'	5.65"
57'	9"	57'	8.95"
58'	1/4"	58'	0.25"
58'	3-3/4"	58'	3.55"
58'	7"	58'	6.85"
58'	10-1/4"	58'	10.15"
59'	1-1/2"	59'	1.45"
59'	4-3/4"	59'	4.75"
59'	8-1/4"	59'	8.05"
59'	11-1/2"	59'	11.35"
60'	2-3/4"	60'	2.65"
60'	6"	60'	5.95"

Luminaire length must be selected from the above table. Use the **Nominal Length** column to specify run lengths. Specified lengths that deviate from the cut increments will be sized to the nearest smaller increment.

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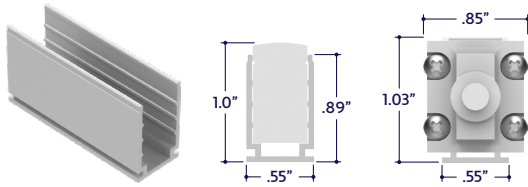
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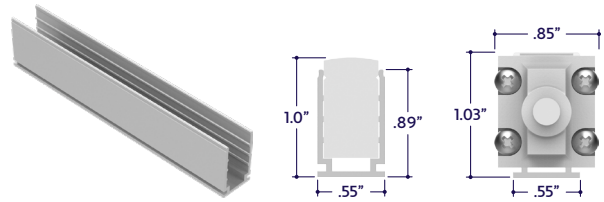
MOUNTING OPTIONS (Sold Separately)

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



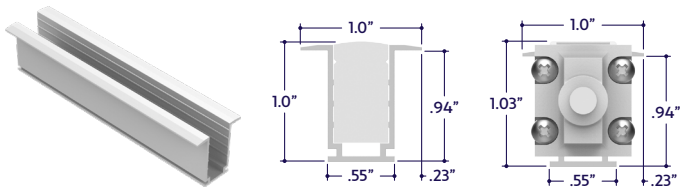
Part #	Qty.
A8-ZUFI-FLX-MC	

Note: Use 3 mounting clips per 1', rounded up. Click on image to see cut sheet for additional details.



Part #	Qty.
A8-ZUFI-FLX-UC-8'	

Note: Available in 8' field cuttable segments. Click on image to see cut sheet for additional details.



Part #	Qty.
A8-ZUFI-FLX-UCS-8'	

Note: Available in 8' field cuttable segments. Click on image to see cut sheet for additional details.

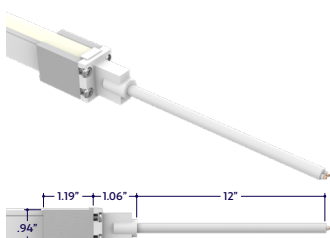


Clear End Cap
(A8-ZUFI-FLX-EC)

Part #	Qty.
A8-ZUFI-FLX-EC	

Note: Order 1 end cap for each run.

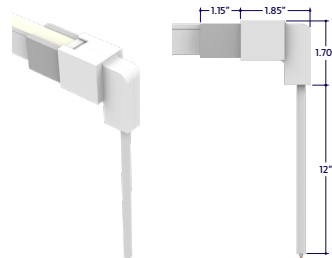
HORIZONTAL BEND CONNECTORS (Sold Separately)



End Feed Power Connector for HB Lightstrip (20/2 Gauge Wire)
(A8-ZUFI-FLX-PC-EF-HB-X-12")
X = Specify Listing: Dry (DRY) or Wet (WET)

Part #	Qty.
A8-ZUFI-FLX-PC-EF-HB-DRY-12"	
A8-ZUFI-FLX-PC-EF-HB-WET-12"	

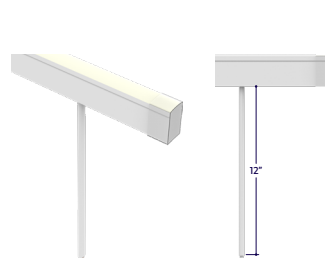
Note: Use 1 power connector per run. Connectors are factory assembled to each specified length. Compatible with Horizontal Bend (HB) Lightstrip.



Bottom Feed Power Connector for HB Lightstrip (20/2 Gauge Wire)
(A8-ZUFI-FLX-PC-BF-HB-X-12")
X = Specify Listing: Dry (DRY) or Wet (WET)

Part #	Qty.
A8-ZUFI-FLX-PC-BF-HB-DRY-12"	
A8-ZUFI-FLX-PC-BF-HB-WET-12"	

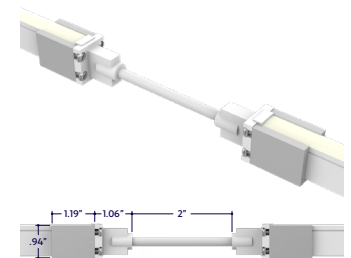
Note: Use 1 power connector per run. Connectors are factory assembled to each specified length. Compatible with Horizontal Bend (HB) Lightstrip.



Back of Fixture Feed Power Connector for HB Lightstrip (20/2 Gauge Wire)
(A8-ZUFI-FLX-PC-BFF-HB-X-12")
X = Specify Listing: Dry (DRY) or Wet (WET)

Part #	Qty.
A8-ZUFI-FLX-PC-BFF-HB-DRY-12"	
A8-ZUFI-FLX-PC-BFF-HB-WET-12"	

Note: Use 1 power connector per run. Connectors are factory assembled to each specified length. Compatible with Horizontal Bend (HB) Lightstrip.



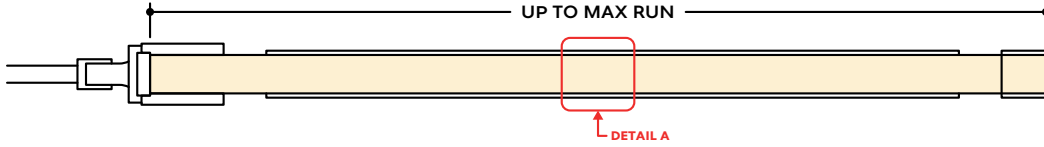
Jumper Cable for HB Lightstrip (20/2 Gauge Wire)
(A8-ZUFI-FLX-JC-HB-X-2")
X = Specify Listing: Dry (DRY) or Wet (WET)

Part #	Qty.
A8-ZUFI-FLX-JC-HB-DRY-2"	
A8-ZUFI-FLX-JC-HB-WET-2"	

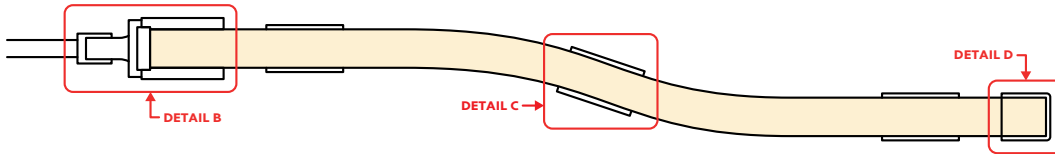
Note: Use jumper cables as needed. Connectors are factory assembled to each specified length. Compatible with Horizontal Bend (HB) Lightstrip.

DESIGN GUIDELINES

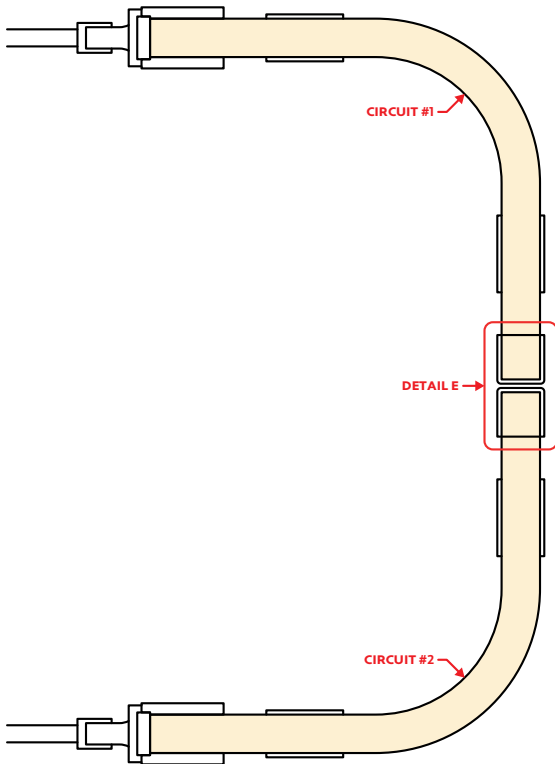
Straight Run (Dry or Wet Location)



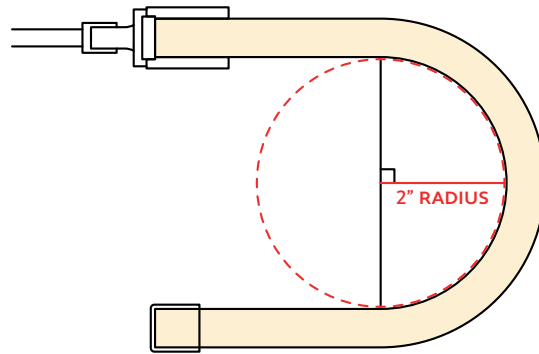
Curved Run (Dry or Wet Location)



Power Distribution



Minimum Bend Radius

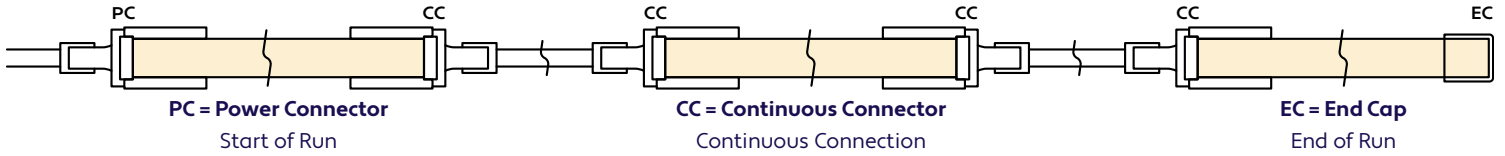


KEY

- Detail A Mounting Channel:** Used for linear applications to keep the run straight.
- Detail B Power Connector:** Connects the lighting to remote driver power source.
- Detail C Mounting Clip:** Use for curved application to hold the lightstrip at various points.
- Detail D Clear End Cap:** Used to terminate a run.
- Detail E Two Ends Meet:** When a run exceeds the maximum run length, it is split into multiple circuits. The runs are positioned so the two ends meet.

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

CONNECTION SEQUENCE

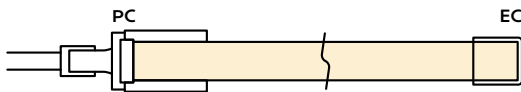


- Specifying a layout is not required to place an order.
- Configuration code applies to full length ordered and will be built per the Continuous Run models on Design Guidelines.
- Connector type subject to change based on availability and listing. Refer to Design Guidelines for details.
- Connector styles are built based on connector product code ordered. If connector style is unspecified, the default connector will be assembled to the run.

HOW TO SPECIFY CONFIGURATIONS

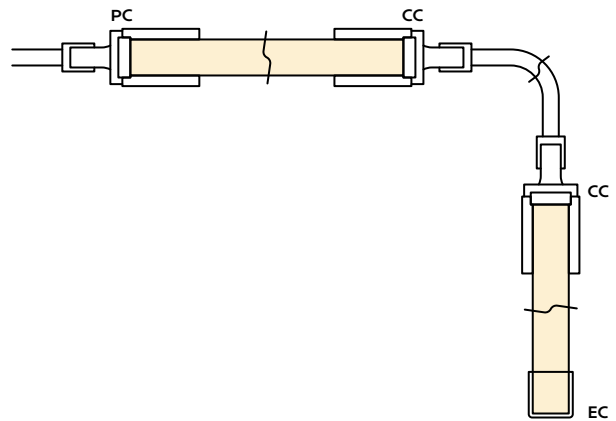
Example: 20' Straight Run

- 1x A8-ZUFI-FLX-HB-35K-3.3W-10V-DRY-20'-PC-EC



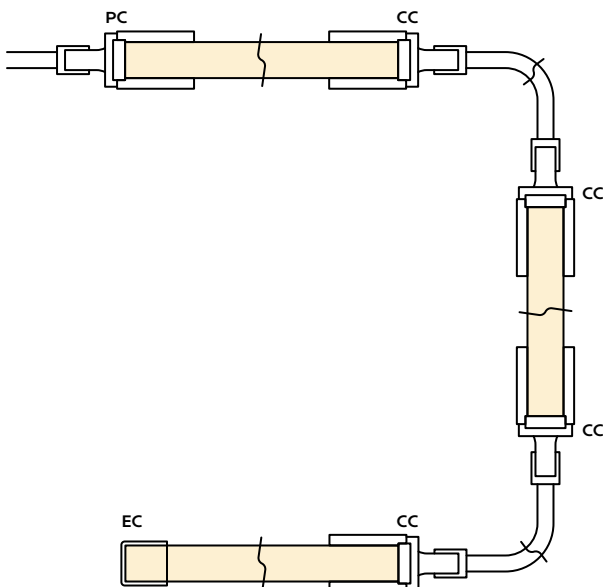
Example: 25' L-Shaped Run

- 1x A8-ZUFI-FLX-HB-35K-3.3W-10V-DRY-12'-PC-CC
- 1x A8-ZUFI-FLX-HB-35K-3.3W-10V-DRY-13'-CC-EC



Example: 30' U-Shaped Run

- 1x A8-ZUFI-FLX-HB-35K-3.3W-10V-DRY-6'-PC-CC
- 1x A8-ZUFI-FLX-HB-35K-3.3W-10V-DRY-18'-CC-CC
- 1x A8-ZUFI-FLX-HB-35K-3.3W-10V-DRY-6'-CC-EC



Example: 28' Rectangle Shaped Run

- 1x A8-ZUFI-FLX-HB-35K-3.3W-10V-DRY-11'-PC-CC
- 1x A8-ZUFI-FLX-HB-35K-3.3W-10V-DRY-3'-CC-CC
- 1x A8-ZUFI-FLX-HB-35K-3.3W-10V-DRY-11'-CC-CC
- 1x A8-ZUFI-FLX-HB-35K-3.3W-10V-DRY-3'-CC-EC

