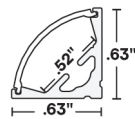
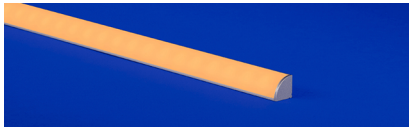




ESSENTIALS ARKA-FLAT (01)

STATIC COLOR

24VDC Linear Fixtures - Corner & Surface



- Corner and surface mount linear fixture with rounded lens
- Choose from diffused, polar, frosted, or clear lens options for varying diode visibility and beam angles
- Mounting options include stainless steel or plastic clips
- Features painted end caps to match extrusion finish
- Red, Green, Blue or Amber LEDs available
- Can be suitable for exterior use when specified as wet, contact factory for more information

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

1	2	3	4	5	6
PRODUCT	WATTS/ FT	CCT	RATED	EFFICIENCY	LENS
AKISC	5.0				

ADDITIONAL INFORMATION REQUIRED TO ORDER

7	8	9	10	11	12	13	14	15
WIRE INPUT/ OUTPUT	CONNECTOR/ WIRE IN	CONNECTOR/ WIRE OUT	WIRE COLOR	WIRE TYPE	MOUNTING	FINISH	LENGTH (IN)	EXACT/ OPTIMAL

Sample Part Number: **AKISC-5.0-GR-DRY-STD-DF-P1-BW-BW-BK-CL2-SST-BK-48"-E**

1 PRODUCT AKISC See following pages for compatible power supplies.	2 WATTS/FT 5.0 5.0W/ft	3 CCT A Amber B Blue G Green R Red	4 RATED DRY IP20 DMP IP54 WET IP67 Can be suitable for exterior use, contact factory for more information	5 EFFICIENCY STD Standard WO White Optics WhiteOptics - Internal coating, greater lumen output	6 LENS DF Diffused PR Polar FR Frosted CL Clear For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages			
7 WIRE INPUT/OUTPUT SINGLE (Input only) S1 End Feed PASS THROUGH (Input/output) P1 End Feed	8 CONNECTOR/WIRE IN BW Bare Wire (Standard 24") BRL Barrel CON6 Connector 6" CON24 Connector 24" BW Bare Wire (Standard 24") BRL Barrel CON6 Connector 6" CON24 Connector 24"	9 CONNECTOR/WIRE OUT CLS Closed End (No feed) BW Bare Wire (Standard 24") BRL Barrel CON6 Connector 6" CON24 Connector 24"	10 WIRE COLOR WH White BK Black N/A For Barrel wet barrel only available in black	11 WIRE TYPE CL2 Class 2 CL2P Plenum Rated N/A For Barrel CL2P only available with bare wire leads (BW)	12 MOUNTING SST Stainless Steel PL Plastic Clip	13 FINISH ST Satin BK Black BZ Bronze CU Custom Custom finishes require a longer lead time, consult factory	14 LENGTH (IN) Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12".	15 EXACT/OPTIMAL O Optimal Illumination E Exact Specified Length Exact fixtures match the exact length you specify, but they may have dim spots at the ends. Optimal fixtures are slightly shorter than the length specified, but provide full illumination from end to end. See Exact/Optimal Fixture Length charts.

BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

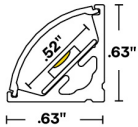
BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)



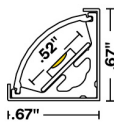
ESSENTIALS ARKA-FLAT (01) STATIC COLOR

24VDC Linear Fixtures - Corner & Surface

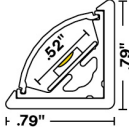
1 PRODUCT - DIMENSIONS



Profile



Profile with stainless steel mounting clip



Profile with plastic mounting clip

2 DELIVERED LUMENS

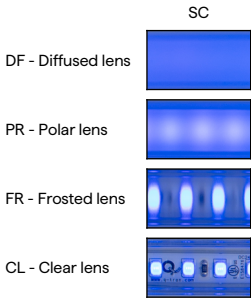
[Calculated L70 = 50000 hrs]
Tested with AKISC-5.0-**-DRY-STD

	Red		Green		Blue		Amber	
	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH
CL	112	633	439	517	109	466	68	597
FR	108	633	425	517	106	466	66	597
PR	107	633	418	517	104	466	64	597
DF	97	633	381	517	95	466	59	597

[Calculated L70 = 50000 hrs]
Tested with AKISC-5.0-**-DRY-WO

	Red		Green		Blue		Amber	
	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH
CL	116	633	455	517	113	466	70	597
FR	115	633	450	517	112	466	69	597
PR	111	633	435	517	108	466	67	597
DF	103	633	405	517	101	466	62	597

6 DIODE VISIBILITY



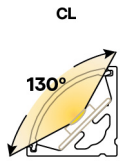


ESSENTIALS ARKA-FLAT (01) STATIC COLOR

24VDC Linear Fixtures - Corner & Surface

PHOTOMETRIC PERFORMANCE

Nominal beam spread shown, beam spread varies based on light engine. For more detailed information, see photometric data.



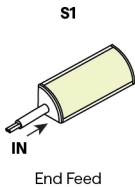
Clear 130°

TEMPERATURE RATINGS

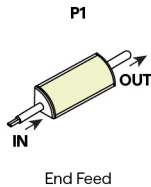
		5.0 W/FT	
		Min	Max
DRY	Ambient Operating Temp - Surface	-4°F	125°F
DMP	Ambient Operating Temp - Surface	-4°F	120°F
WET	Ambient Operating Temp - Surface	-4°F	120°F

7 WIRE INPUT/OUTPUT

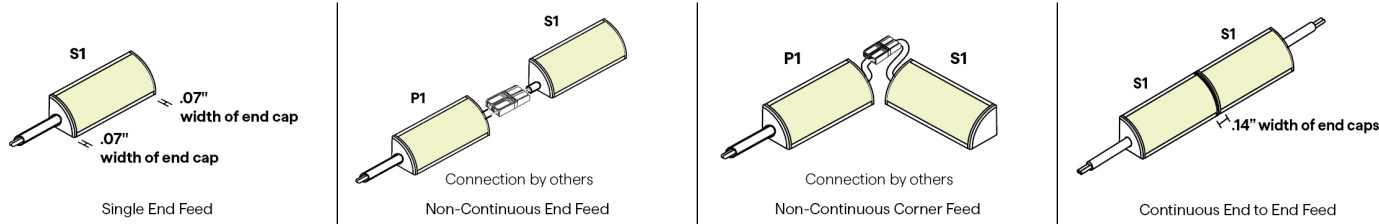
SINGLE (Input only)



PASS THROUGH (Input/Output)



CONFIGURATION OPTIONS



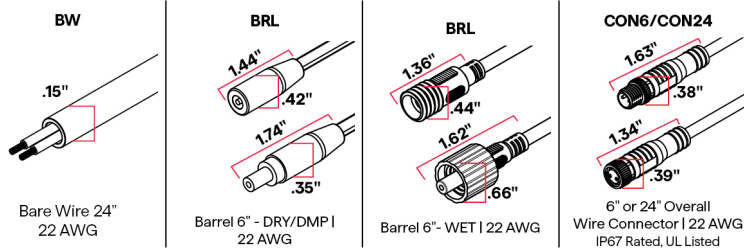


ESSENTIALS ARKA-FLAT (01) STATIC COLOR

24VDC Linear Fixtures - Corner & Surface

8 / 9 CONNECTOR/WIRE - IN/OUT

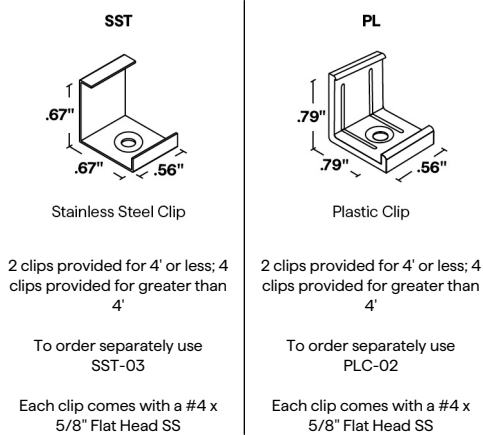
Connector/Wire In or Out not needed to specify product. Standard configuration is BW for Wire In and CLS for Wire out



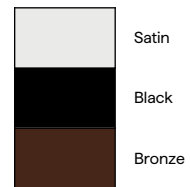
10 WIRE COLOR



12 MOUNTING



13 FINISH



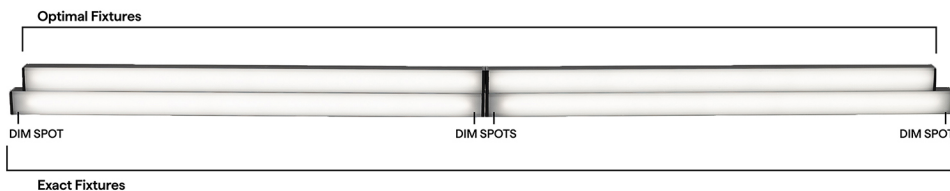
Custom finishes require a longer lead time, consult factory

14 EXACT/OPTIMAL FIXTURE LENGTH

[E/O Length Calculator →](#)

[E/O Explained →](#)

Exact fixtures are the exact length specified. Optimal fixtures' length is rounded down based on LED cut points to allow the fixture to be illuminated end to end. For runs with multiple fixtures that need to fill a specific length, it's recommended to order all optimal fixtures with an exact fixture at the end of the run.





ESSENTIALS ARKA-FLAT (01) STATIC COLOR

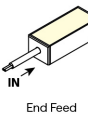
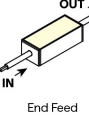
24VDC Linear Fixtures - Corner & Surface

SC DRY DMP LENGTHS BY INCH

EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture
	
12"	1"
13"	0.5"
14"	1"
15"	0.5"
16"	1"
17"	0.5"
18"	1"
19"	0.5"
20"	1"
21"	0.5"
22"	1"
23"	0.5"
24"	1"
36"	1"
48"	1"
60"	1"
72"	1"
84"	1"
96"	1"

OPTIMAL LENGTH

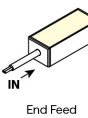
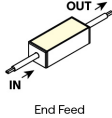
Requested Nominal Length	S1	P1
		
12"	11.59"	11.34"
13"	12.59"	12.34"
14"	13.59"	13.34"
15"	14.59"	14.34"
16"	15.59"	15.34"
17"	16.59"	16.34"
18"	17.59"	17.34"
19"	18.59"	18.34"
20"	19.59"	19.34"
21"	20.59"	20.34"
22"	21.59"	21.34"
23"	22.59"	22.34"
24"	23.59"	23.34"
36"	35.59"	35.34"
48"	47.59"	47.34"
60"	59.59"	59.34"
72"	71.59"	71.34"
84"	83.59"	83.34"
96"	95.59"	95.34"

SC WET LENGTHS BY INCH

EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture
	
12"	1"
13"	0.5"
14"	1"
15"	0.5"
16"	1"
17"	0.5"
18"	1"
19"	0.5"
20"	1"
21"	0.5"
22"	1"
23"	0.5"
24"	1"
36"	1"
48"	1"
60"	1"
72"	1"
84"	1"
96"	1"

OPTIMAL LENGTH

Requested Nominal Length	S1	P1
		
12"	11.39"	11.24"
13"	12.39"	12.24"
14"	13.39"	13.24"
15"	14.39"	14.24"
16"	15.39"	15.24"
17"	16.39"	16.24"
18"	17.39"	17.24"
19"	18.39"	18.24"
20"	19.39"	19.24"
21"	20.39"	20.24"
22"	21.39"	21.24"
23"	22.39"	22.24"
24"	23.39"	23.24"
36"	35.39"	35.24"
48"	47.39"	47.24"
60"	59.39"	59.24"
72"	71.39"	71.24"
84"	83.39"	83.24"
96"	95.39"	95.24"



ESSENTIALS ARKA-FLAT (01) STATIC COLOR

24VDC Linear Fixtures - Corner & Surface

COMPATIBLE POWER SUPPLIES

See power supplies cut sheets for more information. Data subject to change, all data has +/- 5% tolerance.

DIM TO LEVEL	INDOOR	OUTDOOR
	SC	SC
Dim to Black	Q6M-DC+CAP QTM-DC+CAP iQ-PH+QD1	QOM-DC+CAP QOM-PH
0.1%	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-BOWTIE+DIMMER QZ-DMX QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP	Q-SET-QZ-DMX Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QOM-eLED+DALI-DT6 QOM-eLED+PS-DALI-DT6 QZ-DMX QZ-PH/0-10V
1%	QTM-eLED(E) QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QZ-DALI-DT6
10%	Non-Dim Power Supply with SW App Dongle	

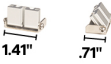
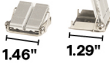



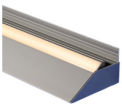





DIMMING PROTOCOL	INDOOR	OUTDOOR
	SC	SC
Non-Dim	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND	Q-SET-QZ-ND Q-SET-eLED-ND QOM-eLED-ND QZ-ND
Phase	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1	Q-SET-QZ-PH/0-10V QOM-DC+CAP QOM-PH QZ-PH/0-10V
0-10V	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP	Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QZ-PH/0-10V
Lutron Athena	QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6-AWN	
ECO System	QTM-eLED(E)	
DMX	QZ-DMX	Q-SET-QZ-DMX QZ-DMX
DALI-2: DT6	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QOM-eLED+DALI-DT6 QZ-DALI-DT6
SCENE App Dimmed	Non-Dim Power Supply with SW App Dongle	










ESSENTIALS ARKA-FLAT (01) STATIC COLOR

24VDC Linear Fixtures - Corner & Surface

COMPATIBLE MOUNTING ACCESSORIES

HINGE - HMB-M  1.41" .71" Adjustable mounting bracket - Medium	HINGE - HMB-L  1.46" 1.29" Adjustable mounting bracket - Large	HINGE - HMB-XL  1.46" 4" Adjustable mounting bracket - XLarge	Q-PIVOT  .75" 1.03" Small mounting accessory	Q-ANGLE  2.23" 1.38" Adjustable mounting accessory	QUOVA-STANDARD  QUOVA Knife Edge	VHB  Double sided mounting tape	SD-J-LARGE  J Mounting Bracket	NL-LARGE  L Mounting Bracket	NJ-MEDIUM  J Mounting Bracket
SD-L-MEDIUM  L Mounting Bracket									

COMPATIBLE WIRING ACCESSORIES

Q-mini-J  2" 1.25" UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)	Q-mini-J5  2.80" 2.27" UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)	BARREL-EXT  8ft barrel cable extender DRY ONLY	BARREL FOUR-FER  Splits lead from one to four LED Barrel connector fixtures, DRY/DMP	CON120-EXT  10ft Con cable extender DRY/DMP/WET	CON FOUR-FER  Splits lead from one to four LED Con connectors DRY/DMP/WET	CON M - BARREL F  Male con to barrel cable adaptor DRY/DMP
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COMPATIBLE APPS

NFC APP

Read and write DMX addresses and adjust voltage