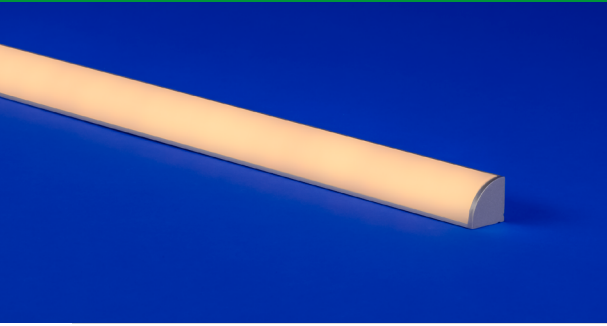


ARKA-FLAT (01) Linear Fixtures



Highlight the finest architectural details. ARKA illuminates beautifully with a curved lens that produces uniform light output and luminosity.

- Produces a wide 130° beam angle perfect for cove, under cabinet, and millwork lighting applications
- Perfect for applications when the light needs to be flush in a corner
- High-quality aluminum housings are available in satin, black, and bronze finishes
- Choose from clear, frosted, polar, and diffused lens options
- A fully assembled fixture that is suitable for installation in the storage area of a clothes closet when using 4.0W/ft or less
- Available in Static White, Static White High Efficacy, Static White High Efficacy Plus, Static White Individually Addressable, Warm Dim, Dynamic White, Dynamic White High Efficacy, Static Color, RGB, RGBW, and RGBW High Efficacy
- Integrated metal end caps combined with an extruded aluminum housing give this fixture a polished modern look

Part Number Builder

Static White



Product	W/FT	CCT	Rated	Efficiency	Lens	Input/Output	Connector/Wire In	Connector/Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)
AK1SW													
Voltage: 24 VDC													
Typical lumens at 5.0W/ft with CL lens at 3000K: 431 lm/ft	1.5 3.0 4.0 5.0 6.0	20 22 24 27 30 35 40	DRY (IP20)	STD Standard WO WhiteOptics	CL FR PR DF	S1 P1	BW BRL CON6 CON24	CLS BW BRL CON6 CON24	WH BK N/A	CL2 CL2P N/A	SST PL	ST BK BZ	
	1.5 3.0 4.0 5.0	24 27 30 35 40	DMP (IP54)			Pass through							
	1.5 3.0 4.0 5.0	20 22 24 27 30 35 40	WET (IP67)										

*Available in 1" increments for 1.5W/ft - 5.0W/ft and 2" increments for 6.0W/ft. Maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

Static White High Efficacy



Product	W/FT	CCT	Rated	Efficiency	Lens	Input/Output	Connector/Wire In	Connector/Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)
AK1SW													
Voltage: 24 VDC													
Typical lumens at 6.0W/ft with CL lens at 3000K: 732 lm/ft	1.5HE 3.0HE 6.0HE	20 22 24 27 30 35 40	DRY (IP20)	STD Standard WO WhiteOptics	CL FR PR DF	S1 P1	BW BRL CON6 CON24	CLS BW BRL CON6 CON24	WH BK N/A	CL2 CL2P N/A	SST PL	ST BK BZ	
	1.5HE 3.0HE 6.0HE	24 27 30 35 40	DMP (IP54)										

*Available in 2" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

- If selecting **BRL**, select N/A for wire color and type
- **BW** comes in standard 24"- request custom length (Max 120") by writing it in inches next to "BW" in the order code box (ex. BW48)
- **Connector/Wire In or Out** not needed to specify product. Standard configuration is Type S1, Connector/Wire In: BW & Connector/Wire Out: CLS
- Specify **CL2P** for plenum rated wire
- **One Step, One Bin** based on 5W/ft

- 5 year warranty
- Field modifications void warranty
- Data subject to change, all data has +/- 5% tolerance
- Compatible for use with Q-Tran power supplies
- Suitable for installation in the storage area of a clothes closet when specified with LEDs at 4.0 watts or less per foot

ARKA-FLAT (01) Linear Fixtures



Static White High Efficacy Plus

Product	W/FT	CCT	Rated	Efficiency	Lens	Input/Output	Connector/Wire In	Connector/Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)
AK1SW													
Voltage: 24 VDC Typical lumens at 6.0W/ft with CL lens at 3000K: 1031 lm/ft	3.0HE+ 6.0HE+	27 30 35 40	DRY (IP20) WET (IP67)	STD Standard WO WhiteOptics	CL FR PR DF	S1 Single (Closed exit) P1 Pass through	BW BRL CON6 CON24 BW BRL CON6 CON24	CLS BW BRL CON6 CON24	WH BK N/A	CL2 CL2P N/A	SST PL	ST BK BZ	Max continuous length: 3.0W - 196" 6.0W - 118"

*Available in 2" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

Static White Individually Addressable

Product	W/FT	CCT	Rated	Efficiency	Lens	Input/Output	Connector/Wire In	Connector/Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)
AK1IA													
Voltage: 24 VDC	5.0	27 30 35 40	DRY (IP20)	STD Standard WO WhiteOptics	CL FR PR DF	S1 Single (Closed exit) P1 Pass through	BW CON6 CON24 BW CON6 CON24	CLS BW CON6 CON24	WH BK	CL2 CL2P	SST PL	ST BK BZ	*Available in 3.35" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

Warm Dim

Product	W/FT	CCT	Rated	Efficiency	Lens	Input/Output	Connector/Wire In	Connector/Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)
AK1WD													
Voltage: 24 VDC	6.0	19/27 19/30	DRY (IP20) WET (IP67)	STD Standard WO WhiteOptics	CL FR PR DF	S1 Single (Closed exit) P1 Pass through	BW BRL CON6 CON24 BW BRL CON6 CON24	CLS BW BRL CON6 CON24	WH BK N/A	CL2 CL2P N/A	SST PL	ST BK BZ	*Available in 2" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

- If selecting **BRL**, select N/A for wire color and type
- **BW** comes in standard 24" - request custom length (Max 120") by writing it in inches next to "BW" in the order code box (ex. BW48)
- **Connector/Wire In or Out** not needed to specify product. Standard configuration is Type S1, Connector/Wire In: BW & Connector/Wire Out: CLS
- Specify **CL2P** for plenum rated wire

- 5 year warranty
- Field modifications void warranty
- Data subject to change, all data has +/- 5% tolerance
- Compatible for use with Q-Tran power supplies
- Suitable for installation in the storage area of a clothes closet when specified with LEDs at 4.0 watts or less per foot

ARKA-FLAT (01) Linear Fixtures



Dynamic White



Product	W/FT	CCT	Rated	Efficiency	Lens	Input/Output	Connector/Wire In	Connector/Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)
AK1DW	6.0												
Voltage: 24 VDC Typical lumens at 6.0W/ft with CL lens at 3000K: 248 lm/ft	6.0	20/27 20/30	DRY (IP20)	STD Standard WO WhiteOptics	CL FR PR DF	S1 Single (Closed exit)	BW CON6 CON24	CLS	WH BK	CL2 CL2P	SST PL	ST BK BZ	
		24/30	DMP (IP54)										
		20/27 20/30	WET (IP67)			P1 Pass through	BW CON6 CON24	BW CON6 CON24					

*Available in 2" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

Dynamic White High Efficacy



Product	W/FT	CCT	Rated	Efficiency	Lens	Input/Output	Connector/Wire In	Connector/Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)
AK1DW													
Voltage: 24 VDC Typical lumens at 5.0W/ft with CL lens at 3000K: 267 lm/ft	3.0HE 5.0HE	20/27 20/30 27/40 27/55	DRY (IP20)	STD Standard WO WhiteOptics	CL FR PR DF	S1 Single (Closed exit)	BW CON6 CON24	CLS	WH BK	CL2 CL2P	SST PL	ST BK BZ	
		24/30 27/40	DMP (IP54)										
		20/27 20/30 27/40 27/55	WET (IP67)			P1 Pass through	BW CON6 CON24	BW CON6 CON24					

*Available in 2" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

Static Color



Product	W/FT	CCT	Rated	Efficiency	Lens	Input/Output	Connector/Wire In	Connector/Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)
AK1SC	5.0												
Voltage: 24 VDC Typical lumens at 5.0W/ft with CL lens in green: 535 lm/ft	5.0	GR BL RD AB	DRY (IP20)	STD Standard WO WhiteOptics	CL FR PR DF	S1 Single (Closed exit)	BW BRL CON6 CON24	CLS	WH BK N/A	CL2 CL2P N/A	SST PL	ST BK BZ	
			DMP (IP54)										
			WET (IP67)			P1 Pass through	BW BRL CON6 CON24	BW BRL CON6 CON24					

*Available in 2" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

- If selecting **BRL**, select N/A for wire color and type
- **BW** comes in standard 24"- request custom length (Max 120") by writing it in inches next to "BW" in the order code box (ex. BW48)
- **Connector/Wire In or Out** not needed to specify product. Standard configuration is Type S1, Connector/Wire In: BW & Connector/Wire Out: CLS
- Specify **CL2P** for plenum rated wire

- 5 year warranty
- Field modifications void warranty
- Data subject to change, all data has +/- 5% tolerance
- Compatible for use with Q-Tran power supplies
- Florida Fish and Wildlife Conservation Commission (FWC) rated Strips: DRY and WET rated, Red and Amber
- Suitable for installation in the storage area of a clothes closet when specified with LEDs at 4.0 watts or less per foot

ARKA-FLAT (01) Linear Fixtures



RGB **5 YEAR WARRANTY**

Product	W/FT	CCT	Rated	Efficiency	Lens	Input/ Output	Connector/ Wire In	Connector/ Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)	
AK1RGB	6.0	RGB												
Voltage: 24 VDC	6.0	RGB	DRY (IP20)	STD Standard WO WhiteOptics	CL FR PR DF	S1 Single (Closed exit)	BW CON6 CON24	CLS	WH BK	CL2 CL2P	SST PL	ST BK BZ		
Typical lumens at 6.0W/ft with CL lens in green: 192 lm/ft			DMP (IP54)			P1 Pass through	BW CON6 CON24	BW CON6 CON24						
			WET (IP67)											

*Available in 2" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

RGBW **5 YEAR WARRANTY**

Product	W/FT	CCT	Rated	Efficiency	Lens	Input/ Output	Connector/ Wire In	Connector/ Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)	
AK1RGBW	6.0													
Voltage: 24 VDC	6.0	27 30	DRY (IP20)	STD Standard WO WhiteOptics	CL FR PR DF	S1 Single (Closed exit)	BW CON6 CON24	CLS	WH BK	CL2 CL2P	SST PL	ST BK BZ		
Typical lumens at 6.0W/ft with CL lens at 3000K: 94 lm/ft			DMP (IP54)			P1 Pass through	BW CON6 CON24	BW CON6 CON24						

*Available in 4" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

RGBW High Efficacy **5 YEAR WARRANTY**

Product	W/FT	CCT	Rated	Efficiency	Lens	Input/ Output	Connector/ Wire In	Connector/ Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)	
AK1RGBW	4.0HE													
Voltage: 24 VDC	4.0HE	27 30 35 40	DRY (IP20)	STD Standard WO WhiteOptics	CL FR PR DF	S1 Single (Closed exit)	BW CON6 CON24	CLS	WH BK	CL2 CL2P	SST PL	ST BK BZ		
Typical lumens at 8.0W/ft with CL lens at 3000K: 89 lm/ft			DMP (IP54)			P1 Pass through	BW CON6 CON24	BW CON6 CON24						
			WET (IP67)											

*Available in 2" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

- **BW** comes in standard 24"- request custom length (Max 120") by writing it in inches next to "BW" in the order code box (ex. BW48)
- **Connector/Wire In or Out** not needed to specify product. Standard configuration is Type S1, Connector/Wire In: BW & Connector/Wire Out: CLS
- Specify **CL2P** for plenum rated wire

<ul style="list-style-type: none"> • 5 year warranty • Field modifications void warranty 	<ul style="list-style-type: none"> • Data subject to change, all data has +/- 5% tolerance • Compatible for use with Q-Tran power supplies
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ARKA-FLAT (01) Linear Fixtures



Technical Information

Static White [Calculated L70 = 30000 hrs]
Tested with AK1SW-**-30-DRY-STD

	1.5W/FT	3.0W/FT	4.0W/FT	5.0W/FT	6.0W/FT
	LM/FT	LM/FT	LM/FT	LM/FT	LM/FT
CL	163	285	354	431	500
FR	160	279	347	422	489
PR	148	258	321	390	452
DF	136	237	295	359	416

Tested with AK1SW-**-30-DRY-WO

	1.5W/FT	3.0W/FT	4.0W/FT	5.0W/FT	6.0W/FT
	LM/FT	LM/FT	LM/FT	LM/FT	LM/FT
CL	175	306	380	463	537
FR	174	303	377	459	531
PR	182	318	395	481	558
DF	186	324	403	490	568

Static White High Efficacy

[Calculated L70 = 70000 hrs]
Tested with AK1SW-**-30-DRY-STD

	1.5HEW/FT	3.0HEW/FT	6.0HEW/FT
	LM/FT	LM/FT	LM/FT
CL	211	387	732
FR	206	379	717
PR	191	350	663
DF	175	322	609

Tested with AK1SW-**-30-DRY-WO

	1.5HEW/FT	3.0HEW/FT	6.0HEW/FT
	LM/FT	LM/FT	LM/FT
CL	226	415	786
FR	224	411	779
PR	235	431	817
DF	240	440	833

Static White High Efficacy Plus

[Calculated L70 = 50000 hrs]
Tested with AK1SW-**-30-DRY-STD

	3.0HE+W/FT	6.0HE+W/FT
	LM/FT	LM/FT
CL	558	1031
FR	546	1009
PR	505	933
DF	464	857

Tested with AK1SW-**-30-DRY-WO

	3.0HE+W/FT	6.0HE+W/FT
	LM/FT	LM/FT
CL	599	1107
FR	593	1096
PR	622	1150
DF	634	1172

Dynamic White

[Calculated L70 = 70000 hrs]
Tested with AK1DW-6.0-**-DRY-STD

	3000K
	LM/FT
CL	248
FR	243
PR	224
DF	206

Tested with AK1DW-6.0-**-DRY-WO

	3000K
	LM/FT
CL	266
FR	264
PR	277
DF	282

Dynamic White High Efficacy

[Calculated L70 = 70000 hrs]
Tested with AK1DW-**-30-DRY-STD

	3.0HEW/FT	5.0HEW/FT
	LM/FT	LM/FT
CL	169	267
FR	166	261
PR	153	242
DF	141	222

Tested with AK1DW-6.0-**-DRY-WO

	3.0HEW/FT	5.0HEW/FT
	LM/FT	LM/FT
CL	182	287
FR	180	284
PR	189	298
DF	192	303

Static Color

[Calculated L70 = 30000 hrs]
Tested with AK1SC-5.0-**-DRY-STD

	Red	Green	Blue	Amber
	LM/FT	LM/FT	LM/FT	LM/FT
CL	99	535	139	89
FR	97	524	136	87
PR	89	484	126	81
DF	82	445	115	74

Tested with AK1SC-5.0-**-DRY-WO

	Red	Green	Blue	Amber
	LM/FT	LM/FT	LM/FT	LM/FT
CL	106	574	149	96
FR	105	569	147	95
PR	110	597	155	100
DF	112	608	158	102

RGB

[Calculated L70 = 55000 hrs]
Tested with AK1RGB-6.0-RGB-DRY-STD

	Red	Green	Blue
	LM/FT	LM/FT	LM/FT
CL	95	192	54
FR	93	188	53
PR	86	174	49
DF	79	160	45

Tested with AK1RGB-6.0-RGB-DRY-WO

	Red	Green	Blue
	LM/FT	LM/FT	LM/FT
CL	102	206	58
FR	101	204	58
PR	106	214	60
DF	108	218	62

RGBW

[Calculated L70 = 30000 hrs]
Tested with AK1RGBW-6.0-30-DRY-STD

	Red	Green	Blue	3000K
	LM/FT	LM/FT	LM/FT	LM/FT
CL	35	118	30	94
FR	34	115	30	92
PR	32	107	28	85
DF	29	98	25	78

Tested with AK1RGBW-6.0-30-DRY-WO

	Red	Green	Blue	3000K
	LM/FT	LM/FT	LM/FT	LM/FT
CL	38	126	33	101
FR	37	125	32	100
PR	39	131	34	105
DF	40	134	35	107

RGBW High Efficacy

[Calculated L70 = 70000 hrs]
Tested with AK1RGBW-4.0HE-30-DRY-STD

	Red	Green	Blue	3000K
	LM/FT	LM/FT	LM/FT	LM/FT
CL	38	145	31	89
FR	37	142	31	87
PR	34	132	28	81
DF	32	121	26	74

Tested with AK1RGBW-4.0HE-30-DRY-WO

	Red	Green	Blue	3000K
	LM/FT	LM/FT	LM/FT	LM/FT
CL	41	156	34	96
FR	40	155	33	95
PR	42	162	35	100
DF	43	165	36	102

Temperature Ratings

Dependent on LED Strip W/FT

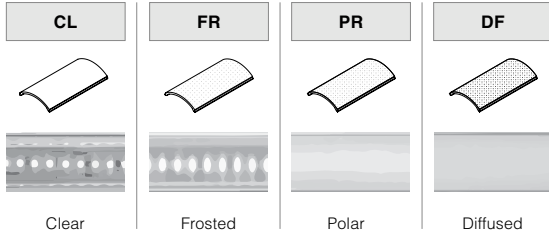
Light Engine (LED Strip)	W/FT	Minimum Limit (°F)	Maximum Limit (°F)
Static White	1.5	-40	138
	3.0	-40	124
	4.0	-40	115
	5.0	-40	108
Static White High-Efficacy	1.5HE	-40	152
	3.0HE	-40	140
	6.0HE	-40	118

ARKA-FLAT (01) Linear Fixtures



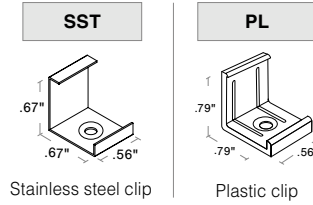
Lens

with LED visibility

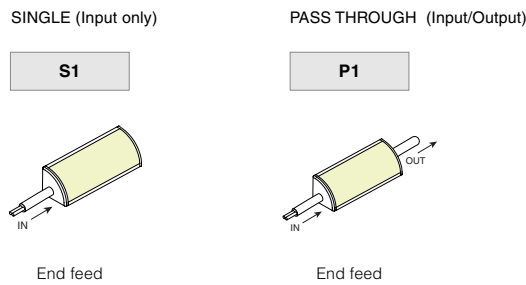


Mounting

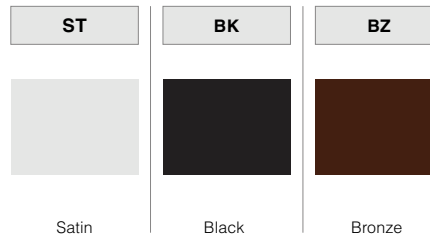
2 clips provided for 4' or less; 4 clips provided for greater than 4'



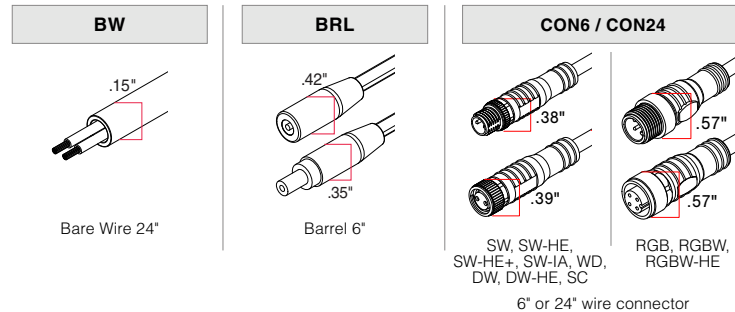
Type



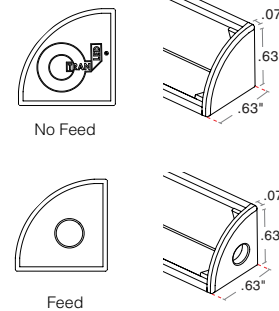
Finish



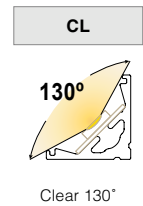
Connector/Wire – In/Out



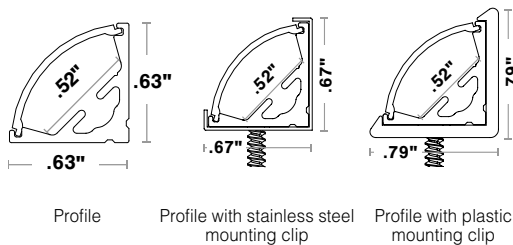
End Caps



Cut Off



Dimensions



Length (in) Add to nominal LED length for fixture length

