

Client:

Project:



Type:

Order Code:

Quantity:

Ai Flex is a unique, dim to warm interior LED strip fixture. Available in a 16.4' spool, it features Acclaim's proprietary Ai Dim (Acclaim Intelligent Dimming) technology when used in conjunction with the AL Driver Series. Ai Dim is a combination of a finely tuned dimming curve and a specific grouping of LEDs which results in a near perfect representation of incandescent dimming.

SPECIFICATIONS

Color	3000K - 1800K, adjustable via a single dimming channel
Spool Length + Cut Points	16.4' (5m), cut points every 6.5" (165mm)
Beam Angle	124°
Max Fixture Runs	16.4' (5m) - 1 spool maximum
Photometrics	See page 5
Dimming Protocols	DMX, 0-10V (sink and source), or DALI via AL Driver Series
Power Consumption	Max 4W - Min 3.1W per foot (51W per 16.4' spool), see page 5 for per section details.
Operating Voltage	24VDC
Lumen Maintenance	L70 @ 50,000 hours (25° C)
Mounting	3M VHB adhesive backing included, optional aluminum channels
Finish	White
Material	Copper strip
Ambient Operating Temperature	32° F to 104° F (0° C to 40° C)
IP Rating	IP20, dry location
IK Rating	IK00, not protected
Fixture Connectors	3.28' (1m) attached feed cable included
Warranty	3 years standard, 5 years optional (additional charge)
Weight	1 lbs (0.5kg)
Dimensions	W: 0.39" H: 0.18" L: 16.4' (10 x 4.7 x 5000mm)
Certifications	 

ORDER CODES

* indicates special order

AIFLEX

16.4' spool of Ai Flex

RELATED COMPONENTS

High Wattage Multi-protocol Drivers



ALD-200-24

AL Driver 200, 3 spools maximum

200W, 24VDC power supply +
DMX, 0-10V (sink & source), or DALI control
4 output ports, 100-277VAC input
0-100% dimming range



ALD-400-24

AL Driver 400, 6 spools maximum

400W, 24VDC power supply +
DMX, 0-10V (sink & source), or DALI control
6 output ports, 100-277VAC input
0-100% dimming range



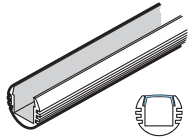
ALD-800-24

AL Driver 800, 10 spools maximum

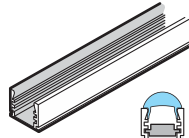
800W, 24VDC power supply +
DMX, 0-10V (sink & source), or DALI control
10 output ports, 100-277VAC input
0-100% dimming range

RELATED COMPONENTS

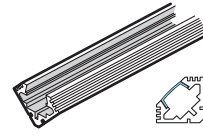
Flex Channels (please see individual channel spec sheets for lens and accessory details)



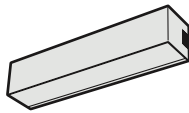
FLK PEN
Flex pendant channel
3.28' (1m)



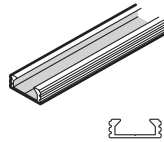
FLK GRZ
Flex graze channel
3.28' (1m)



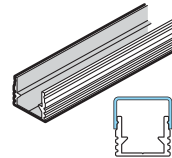
FLX 45D
Flex 45 degree channel
3.28' (1m)



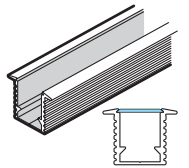
FLK DUL
Flex dual channel
3.28' (1m)



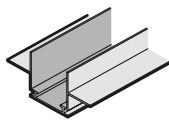
FLX444
Flex channel low profile
4' (1.21m)



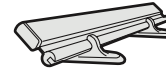
FLX888
Flex channel tall profile
4' (1.21m)



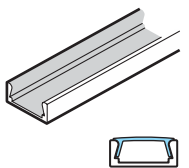
FLX777
Flex channel recessed
4' (1.21m)



FLK DWM+DWC/DWF
Flex dry wall channel
3.28' (1m)

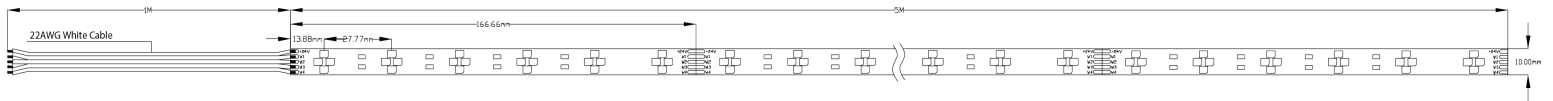


FLK SWI
Flex swivel channel
3.28' (1m)



FLX MIN
Flex mini channel
3.28' (1m)

DIMENSIONS



WIRING

Wire size guide (w/ 2.2A load, single spool)

Gauge	Cond.	Max feet to flex
18 AWG	5	60
14 AWG	5	150
12 AWG	5	250

PHOTOMETRICS

Dim Level	Lumens (per foot)	Max Candela	CRI	R9	CQS	TM30	Rf	Rg
10% (1800K)	42	13.6	81.9	14	70	83.2	83.2	93.2
50% (2100K)	144	46.6	83.1	14	78.6	91.6	84.5	95.2
100% (3000K)	318	102	83.0	10	81.9	83.8	83.8	95.5

POWER CONSUMPTION CHART

Length	Max. Power Consumption
1' (IES test samples)	4W, 4W p/f
2'	8W, 4W p/f
3'	10W, 3.33W p/f
4'	12W, 3W p/f
5'	16W, 3.2W p/f
6'	19W, 3.16W p/f
7'	23W, 3.28W p/f
8'	26W, 3.25W p/f
9'	30W, 3.33W p/f
10'	33W, 3.3W p/f
11'	36W, 3.27W p/f
12'	39W, 3.25W p/f
13'	42W, 3.23W p/f
14'	45W, 3.21W p/f
15'	48W, 3.2W p/f
16.4' (full spool)	51W, 3.1W p/f