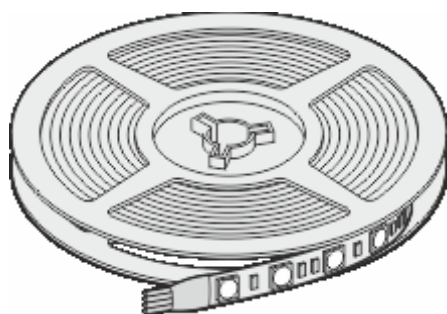




Client:

Project:

Type:

Order Code:

Quantity:

Flex II Interior is a high output, low voltage, thin and flexible LED circuit strip in a 16.4' spool. It can be cut every two inches to create the exact length needed for your specific application. It is available in 2400K, 2700K, 3000K, 3500K, & 4000K, is 3W per foot, and features a lumen output of 303 per foot (@ 4000K). The combination of it's high output and low profile allows for a wide variety of cove, millwork, signage, and many other interior applications.

Specifications

Color Temperature	2400K, 2700K, 3000K, 3500K, 4000K
Spool Length + Cut Points	16.4' (5m), Cut points every 2" (50mm)
Beam Angle	120°
Max Fixture Runs	16.4' (5m) - 1 spool maximum
Photometrics	303 total lumens, 86 CRI (4000K LM-79, 1' section tested)
Dimming Protocol	Symmetric forward phase control (MLV) or DMX
Mounting	3M VHB adhesive backing included, optional aluminum channels
Power Consumption	50W @ 16.4' (1 Spool), minimum 3W per foot
Operating Voltage	12VDC
Lumen Maintenance	L70 @ 50,000 Hours (25° C)
Finish	White (v2), Copper (v1)
Housing Material	Copper strip
Operating Temperature	32°F to 104°F (0°C to 40°C)
IP Rating	IP20, Dry Location
Fixture Connectors	3.28' (1m) Attached feed cable included
Warranty	3 Years Standard, 5 Years Optional (additional charge)
Weight	1 lbs (0.5 kg)
Dimensions	W 0.43" x H 0.18" x L 16.4' (11.11 x 4.7 x 5000mm)
Certifications	 

Order Codes

* Indicates Special Order

Model

FLEX2I_

Color:

24 = 2400K

27 = 2700K

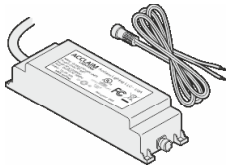
3 = 3000K

35 = 3500K

4 = 4000K

Related Components

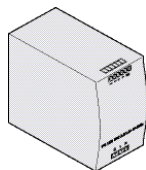
Power Supplies (Non-dim or DMX)



APS-60-12

One spool maximum

60W, 12VDC, Wet location
115-230VAC (47-63Hz) Input

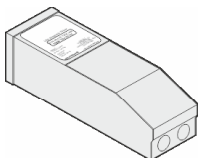


APS-120-12 (DIN rail)

Two spools maximum

120W, 12VDC, Dry location
115-230VAC (47-63Hz) Input

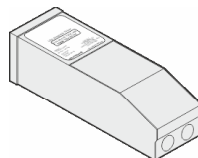
Power Supplies (LVM Dimming)



M150L12DC

Two spools maximum

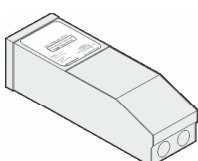
150W, 12VDC, Wet location
120VAC Input



M300L12DC

Four spools maximum

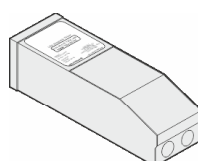
300W, 12VDC, Dry location
120VAC Input



M150L12DC-277

Two spools maximum

150W, 12VDC, Wet location
277VAC Input



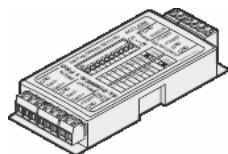
M300L12DC-277

Four spools maximum

300W, 12VDC, Dry location
277VAC Input

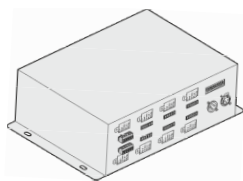
Related Components (Con't)

DMX Drivers



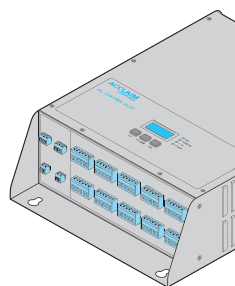
DPW-311-JBAT

AL Dimmer 1 Pro, 1 spool max
Single channel DMX driver,
Use in conjunction with APS Series



DPW-111-DA

AL Driver 8 RGBW 12V, 2 spools max
150W 12V power supply + DMX driver,
8 output ports, 120VAC or 240VAC input



ALD-800-12

AL Driver 800 12V, 14 spools max
800W 12V power supply + DMX, 0-10V (source)
& DALI driver
10 output ports, 100-277VAC input

Connection Cables



FL2IFC

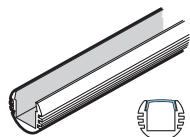
Flex II Interior feed cable
5.12" (130mm)



FL2ILC

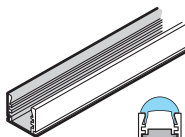
Flex II Interior link cable
5.12" (130mm)

Flex Channels (See individual channel spec sheets for accessory details)



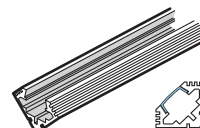
FLK PEN

Flex pendant channel
3.28' (1m)



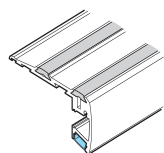
FLK GRZ

Flex graze channel
3.28' (1m)



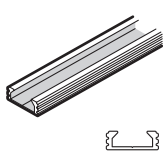
FLK 45D

Flex 45 degree channel
3.28' (1m)



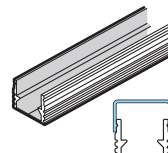
FLK STP

Flex step channel
3.28' (1m)



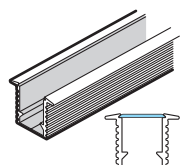
FLX444

Flex channel low profile
4' (1.21m)



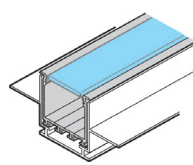
FLX888

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)

Photometrics

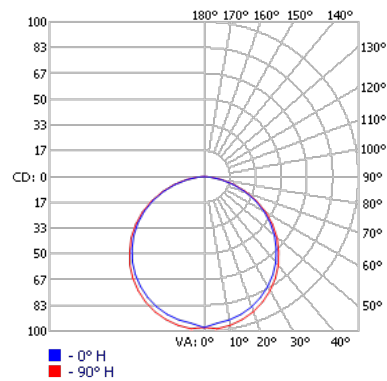
For additional color data and IES files, please visit acclaimlighting.com

2400K

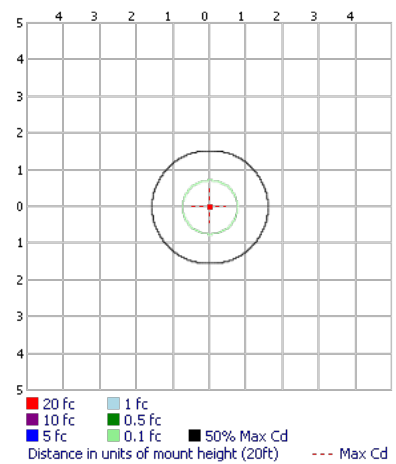
Zonal Lumen Summary

Zone	Lumens	%
0-60	225.30	78
60-90	63.50	22
90-120	0	0
Total	288.80	100

Polar Candela Distribution



Isofootcandle Plot

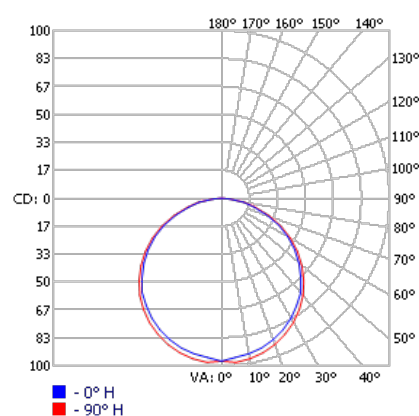


3000K

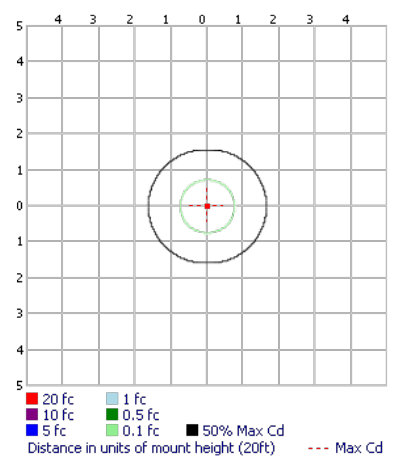
Zonal Lumen Summary

Zone	Lumens	%
0-60	227	77.5
60-90	65.9	22.5
90-120	0	0
Total	292.9	100

Polar Candela Distribution



Isofootcandle Plot

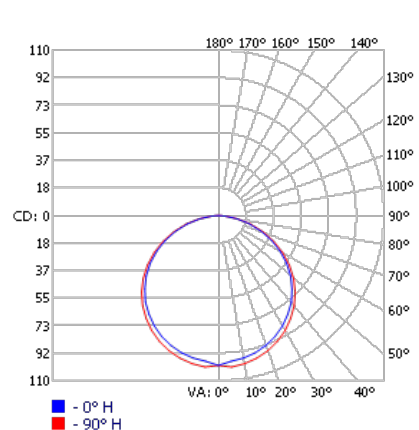


4000K

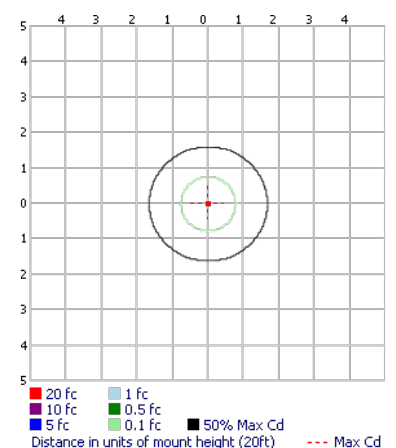
Zonal Lumen Summary

Zone	Lumens	%
0-60	234.90	7.4
60-90	68.50	22.6
90-120	0	0
Total	303.4	100

Polar Candela Distribution



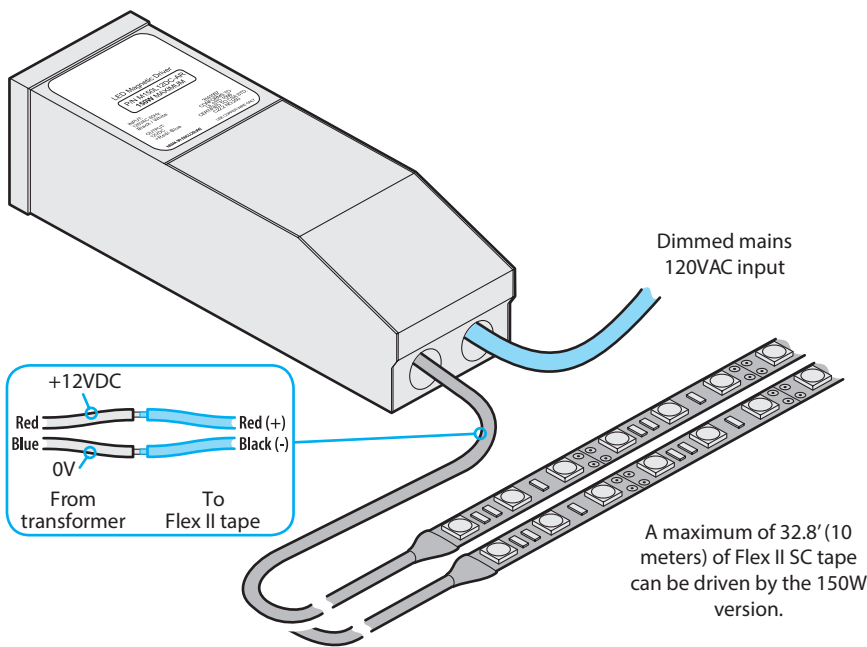
Isofootcandle Plot



Wiring

For additional configurations, please consult the user guide, available at acclaimlighting.com

Flex II Interior +M150L12DC (LVM)



Wire size guide

Gauge	Cond.	Max feet to flex
18 AWG	2	20
14 AWG	2	50
12 AWG	2	90

Flex II Interior + AL Driver 8 RGBW (DMX)

