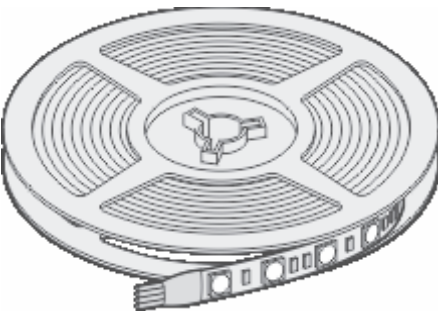


Flex Pro Interior™



Client:

Project:

Type:

Order Code:

Quantity:

Flex Pro 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 5.5W per foot on average, and features a lumen output of 680 per foot (@ 3000K). 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	680 total lumens, 81 CRI (3000K 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	90W @ 16.4' (1 Spool), minimum 5.5W per foot
Operating Voltage	24VDC
Lumen Maintenance	L70 @ 50,000 Hours (25° C)
Finish	White
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

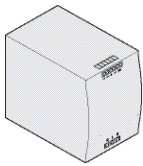
FLEXPI_

Color:

24 = 2400K
27 = 2700K
3 = 3000K
35 = 3500K
4 = 4000K

Related Components

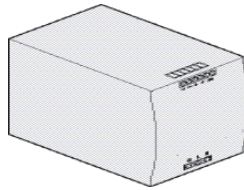
Power Supplies (Non-dim or DMX)



APS-240-24

Two Spools Maximum

240W, 24VDC, Dry location, DIN Rail Mount
115-230VAC (47-63Hz) Input

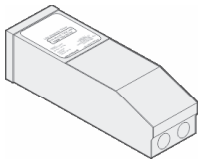


APS-480-24

4 Spools Maximum

480W, 24VDC, Dry location, DIN Rail Mount
115-230VAC (47-63Hz) Input

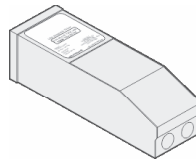
Power Supplies (Magnetic Low Voltage Dimming) *APPROVED DIMMER MUST BE USED IN LINE*



M150L24DC

One spool maximum

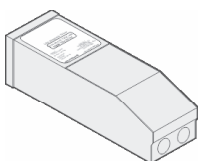
150W, 24VDC, Wet location
120VAC Input



M300L24DC

Two spools maximum

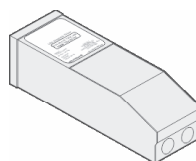
300W, 24VDC, Dry location
120VAC Input



M150L24DC-277

One spools maximum

150W, 24VDC, Wet location
277VAC Input



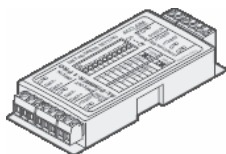
M300L24DC-277

Two spools maximum

300W, 24VDC, Dry location
277VAC Input

Related Components (Con't)

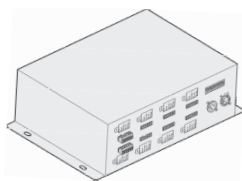
DMX Drivers



DPW-311-JBAT

AL Dimmer 1 Pro

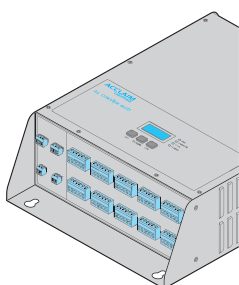
Single channel DMX driver, 1 spool max.
Use in conjunction with APS Series



DPW-111-FA

AL Driver 8 RGBW 24V

150W 24V power supply + DMX driver, 1 spool max.
8 output ports, 120VAC or 240VAC input

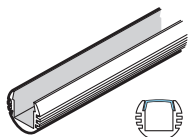


ALD-800-24

AL Driver 800 24V, 7 spools max

800W 24V power supply + DMX, 0-10V (source) & DALI driver
10 output ports, 100-277VAC input

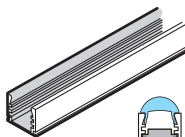
Flex Channels (See individual channel spec sheets for accessory details)



FLK PEN

Flex pendant channel

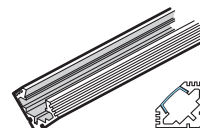
3.28' (1m)



FLK GRZ

Flex graze channel

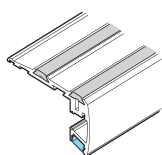
3.28' (1m)



FLK 45D

Flex 45 degree channel

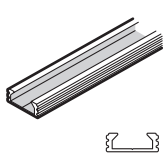
3.28' (1m)



FLK STP

Flex step channel

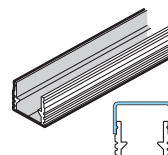
3.28' (1m)



FLX444

Flex channel low profile

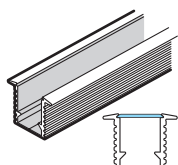
4' (1.21m)



FLX888

Flex channel tall profile

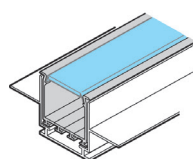
4' (1.21m)



FLX777

Flex channel recessed

4' (1.21m)



FLK DWM+DWC/DWF

Flex dry wall channel

3.28' (1m)

Related Components (Con't)

Connection Cables



FL2IFC

Flex Pro / II Interior feed cable
5.12" (130mm)



FL2ILC

Flex Pro / II Interior link cable
5.12" (130mm)

Photometrics

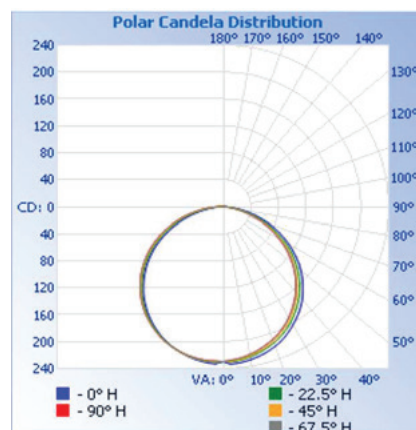
For additional color data and IES files, please visit acclaimlighting.com

3000K

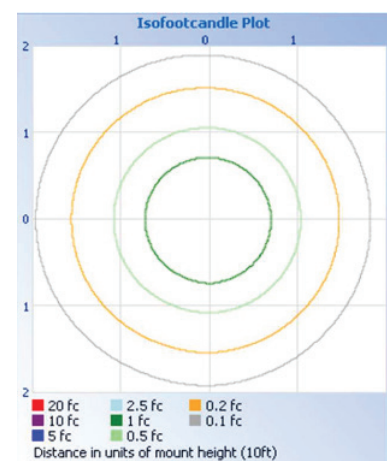
Zonal Lumen Summary

Zone	Lumens	%
0-60	532.6	78.2
60-90	148.5	21.8
90-180	0.3	0
Total	681.4	100

Polar Candela Distribution



Isofootcandle Plot

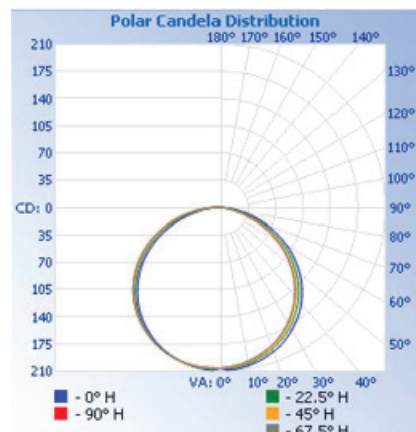


4000K

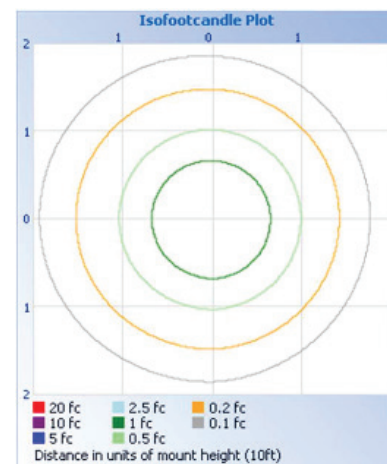
Zonal Lumen Summary

Zone	Lumens	%
0-60	483.50	77.5
60-90	139.90	22.4
90-180	0.5	0.1
Total	623.9	100

Polar Candela Distribution



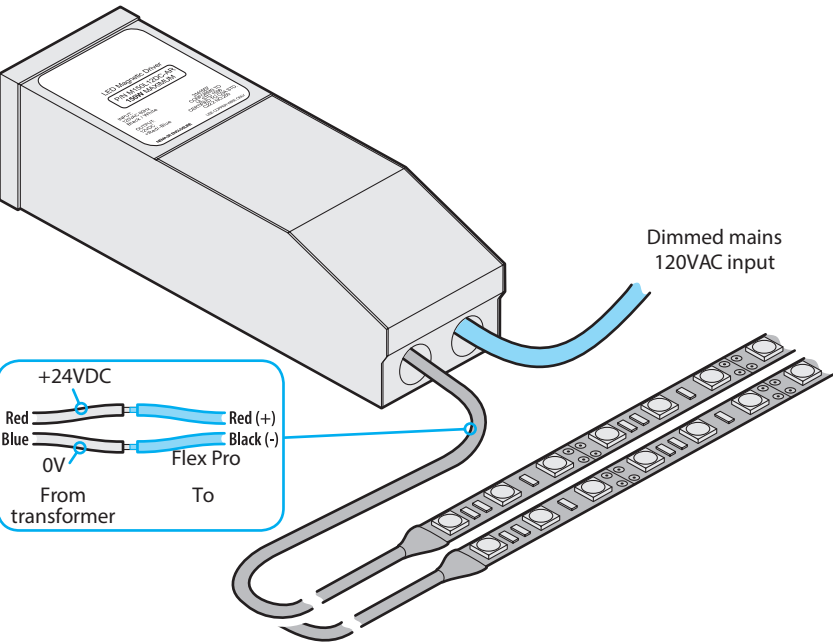
Isofootcandle Plot



Wiring

Flex Pro Interior + M300L24DC (LVM)

*Approved dimmer must be used in line



Wire size guide

Gauge	Cond.	Max feet to flex
18 AWG	2	40
14 AWG	2	100
12 AWG	2	180