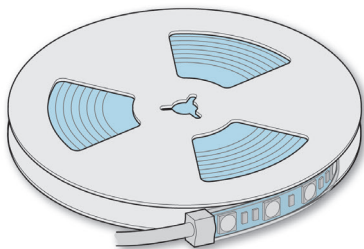


Flex Pro Exterior™



Client:

Project:

Type:

Order Code:

Quantity:

Flex Pro Exterior is a high output, low voltage, exterior rated 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 2700K, 3000K, & 4000K, is 5.5W per foot on average, and features a lumen output of 550 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 exterior applications.

Specifications

Color Temperature	2700K, 3000K, 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	550 total lumens, 87 CRI (4000K LM-79, 1' section tested)
Dimming Protocol	Symmetric forward phase control (MLV) or DMX
Mounting	10 plastic mounting clip + screws 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, silicone jacket
Operating Temperature	-40°F to 122°F (-40°C to 50°C)
IP Rating	IP68, Wet Location / Submersible
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 0.6" x H 0.2" x L 16.4' (15.4 x 5 x 5000mm)

Certifications



Order Codes

* Indicates Special Order

Model

FLEXPE_

Color:

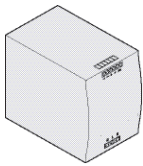
27 = 2700K

3 = 3000K

4 = 4000K

Related Components

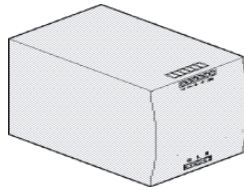
Power Supplies (Non-dim or DMX)



APS-240-24

Two Spools Maximum

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

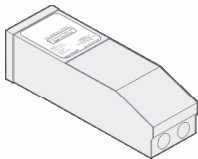


APS-480-24

4 Spools Maximum

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

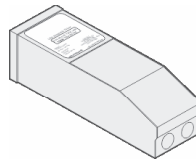
Power Supplies (Magnetic Low Voltage Dimming) *APPROVED DIMMER MUST BE USED IN LINE*



M150L24DC

One spool maximum

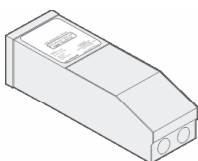
150W, 12VDC, Wet location
120VAC Input



M300L24DC

Two spools maximum

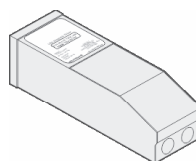
300W, 12VDC, Dry location
120VAC Input



M150L24DC-277

One spools maximum

150W, 24VDC, Wet location
277VAC Input



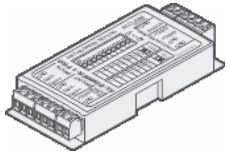
M300L24DC-277

Two spools maximum

300W, 24VDC, Dry location
277VAC Input

Related Components (Con't)

DMX Drivers

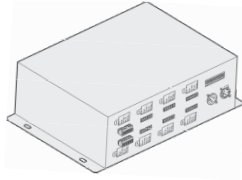


DPW-311-JBAT

AL Dimmer 1 Pro, 1 spool max

Single channel DMX driver

Use in conjunction with APS Series

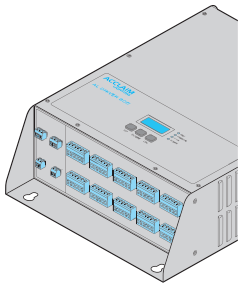


DPW-111-FA

AL Driver 8 RGBW 24V, 1 spool max

150W 12V power supply + DMX driver

8 output ports, 120VAC or 240VAC input



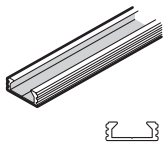
ALD-800-24

AL Driver 800 24V, 7 spools max

800W 24V power supply + DMX, 0-10V (source) & DALI driver

10 output ports, 100-277VAC input

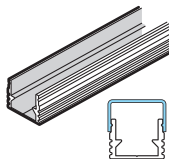
Flex Channels (See individual channel spec sheets for accessory details)



FLX444

Flex channel low profile

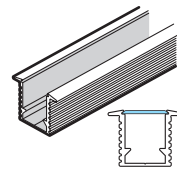
4' (1.21m)



FLX888

Flex channel tall profile

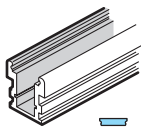
4' (1.21m)



FLX777

Flex channel recessed

4' (1.21m)



FLK EXL

Flex exterior line channel

3.28' (1m)

Flex Pro Exterior™

ACCLAIM
LIGHTING

Photometrics

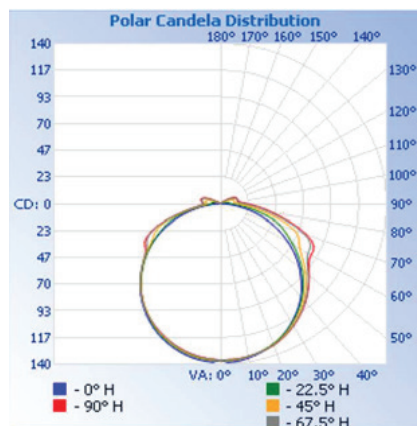
For additional color data and IES files, please visit acclaimlighting.com

2700K

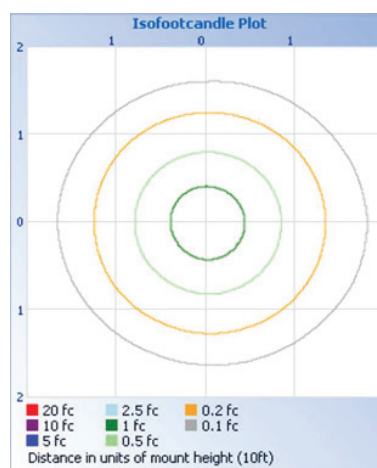
Zonal Lumen Summary

Zone	Lumens	%
0-60	325.0	67.6
60-90	127.9	26.6
90-180	28.1	5.8
Total	480.9	100

Polar Candela Distribution



Isofootcandle Plot

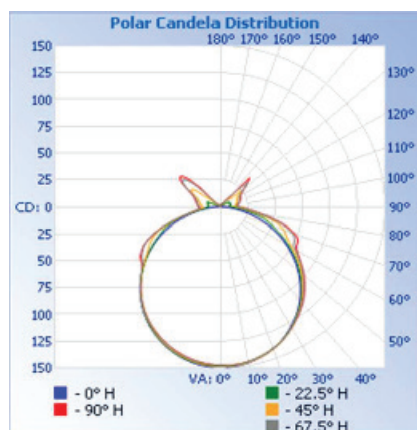


3000K

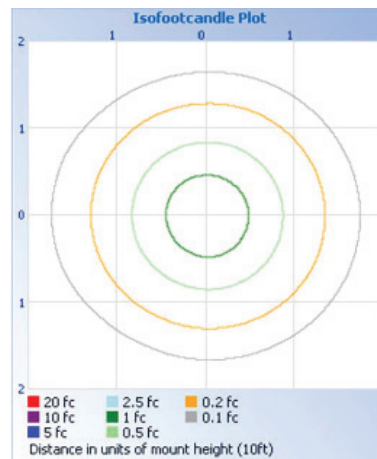
Zonal Lumen Summary

Zone	Lumens	%
0-60	346.9	63.9
60-90	127.1	23.4
90-180	69.0	12.7
Total	681.4	100

Polar Candela Distribution



Isofootcandle Plot

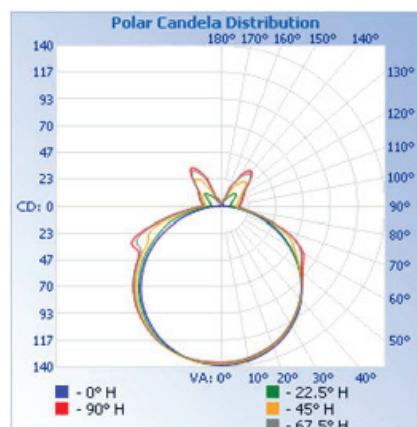


4000K

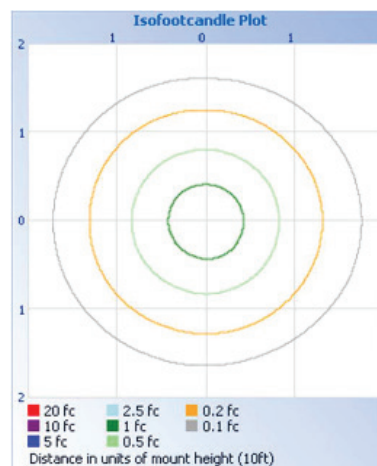
Zonal Lumen Summary

Zone	Lumens	%
0-60	329.1	59.8
60-90	126.2	22.9
90-180	95.3	17.3
Total	550.6	100

Polar Candela Distribution



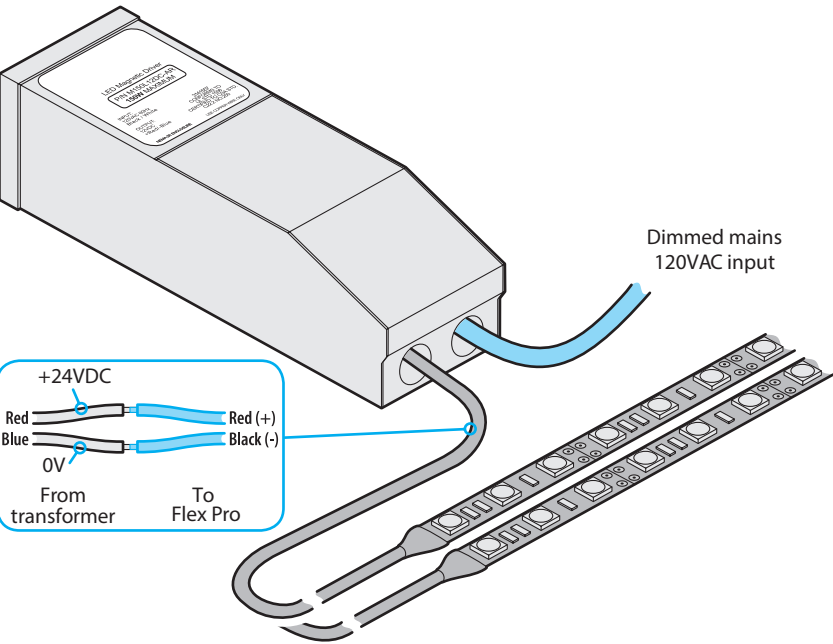
Isofootcandle Plot



Wiring

Flex Pro Exterior + 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