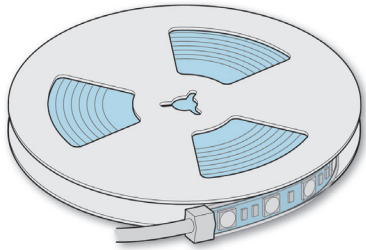


FLEX SPECTRUM EXTERIOR™



Spectrum
TECHNOLOGY

Client:

Project:

Type:

Order Code:

Quantity:

Flex Spectrum Exterior is an IP68, RGBW flexible LED circuit strip. It is available in a 16.4' spool, and designed to give you a wide range of color to choose from in applications where both color and dedicated white are required. By mixing blue with 3000K inside the quad color diode, you can get white in a range from 3000K-7000K, while maintaining an >80 CRI.

SPECIFICATIONS

Color Temperature	RGBW (W = 3000K)
Spool Length + Cut Points	16.4' (5m), Cut points every 4" (102mm)
Beam Angle	120°
Max Fixture Runs	16.4' (5m) - 1 spool maximum
Photometrics	See page 3
Available Dimming Protocols	DMX, RDM, 0-10V (source), DALI
Mounting	10 plastic mounting clip + screws included, optional aluminum channels
Power Consumption	90W @ 16.4' (1 Spool), 5.4W per foot
Operating Voltage	24VDC
Lumen Maintenance	L70 @ 50,000 Hours (25° C)
Finish	White
Housing Material	Copper strip, silicone jacket
Ambient Operating Temperature	-40°F to 122°F (-40°C to 50°C)
IP Rating	IP68, Wet Location and Submersible (do not submerge feed ends - install in an enclosure)
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 0.63" x H 0.2" x L 16.4' (16 x 5 x 5000mm)
Certifications	  

ORDER CODES

* Indicates Special Order

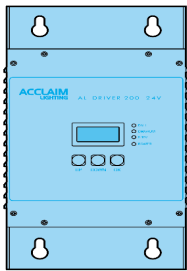
Model

FLEXSE

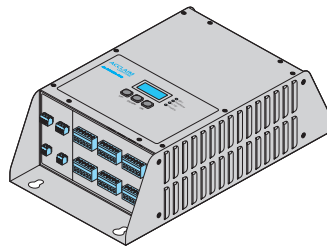
Color:
S = RGBW (W=3000K)

RELATED COMPONENTS

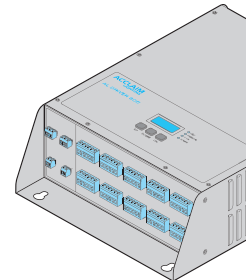
Drivers



ALD-200-24
AL Driver 200 24V, 2 spools max
200W 24V power supply + DMX,
0-10V (source) & DALI driver
4 output ports, 100-277VAC input

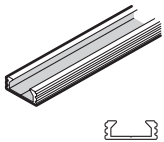


ALD-400-24
AL Driver 400 24V, 4 spools max
400W 24V power supply + DMX,
0-10V (source) & DALI driver
6 output ports, 100-277VAC input



ALD-800-24
AL Driver 800 24V, 8 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)



FLX477
Flex spectrum channel low profile
4' (1.21m)



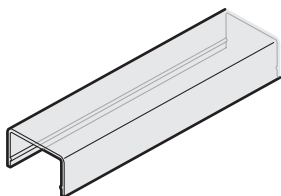
FCLPEC1
End cap (1 pc)



FLX111
Mounting clip / joiner



FLX113
45° Mounting clip kit (2 pcs)



FLX LP CL4
Clear Lens, 4'
FLX LP FL4
Frost Lens (50% diffusion) 4'
FLX LP OL4
Opal Lens (100% diffusion) 4'

WIRING

Wire size guide

Gauge	Cond.	Max feet to flex
18 AWG	5	40
14 AWG	5	100
12 AWG	5	180

PHOTOMETRICS

Color	Lumens (p/foot)	Center Candela	Efficacy (l/pw)	CRI (Ra)	CRI (r9)
RGBW	232	62.6	37.7	>80 (White)	N/A