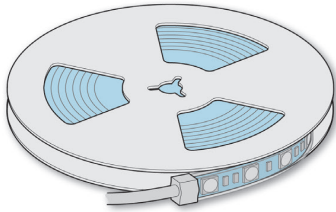


FLEX SPECTRUM EXTERIOR™



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	75W @ 16.4' (1 Spool), 4.5W 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



<p>sixteen5hundred</p>	<p>Project 21-12877-3 Date 6/25/2021 RGB/W Saturated Color Submitted By 16500, INC</p>	<p>Catalog Number FLEXSE RGBW SPOOL Notes</p>	<p>Type</p>
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FLEX SPECTRUM EXTERIOR™



ORDER CODES

* Indicates Special Order

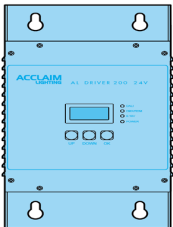
Model

FLEXSE

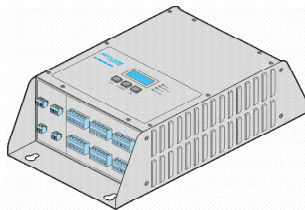
Color:
 S = RGBW (W=3000K)

RELATED COMPONENTS

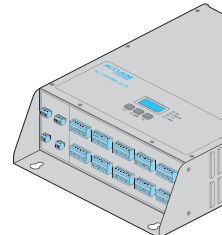
Drivers



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

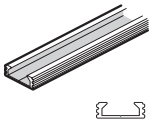


ALD-400-24
 AL Driver 400 24V, 5 spools max
 400W 24V power supply + DMX,
 0-10V (sink & source) & DALI driver
 6 output ports, 100-277VAC input



ALD-800-24
 AL Driver 800 24V, 10 spools max
 800W 24V power supply + DMX,
 0-10V (sink & 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)



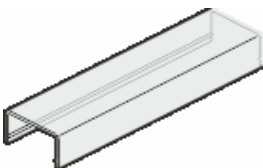
FCLPEC1
 End cap (1 pc)



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'

FLEX SPECTRUM EXTERIOR™



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