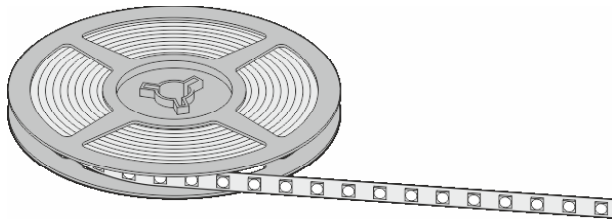# FLEX SPECTRUM INTERIOR™

ACCLAIM LIGHTING

Spectrum TECHNOLOGY

Flex Spectrum Interior is an RGBW flexible LED circuit strip, in a 16.4' spool, 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	120º
Max Fixture Runs	16.4' (5m) - 1 spool maximum
Photometrics	226 lumens per foot
Available Dimming Protocols	DMX, RDM, 0-10V (sink + source), DALI
Mounting	3M™ VHB adhesive backing included, optional aluminum channels
Power Consumption	75W @ 16.4' (1 Spool), 4.5W per foot
Operating Voltage	24VDC
Lumen Maintenance	L70 @ 50,000 Hours (25º C)
Finish	White
Housing Material	Copper strip
Ambient 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 0.47" x H 0.12" x L 16.4' (12 x 3 x 5000mm)
Certifications	ETL CE RoHS 2002/95/EC

SPECIFICATION SHEET 2.1.1
www.acclaimlighting.com
Specifications subject to change without notice

FLEX SPECTRUM INTERIOR™

ACCLAIM LIGHTING

ORDER CODES
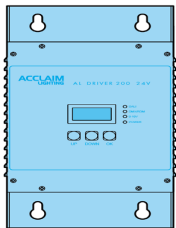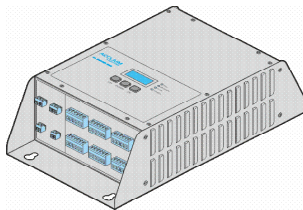*Indicates Special Order

Model

FLEXSI

Color:
S = RGBW (W=3000K)
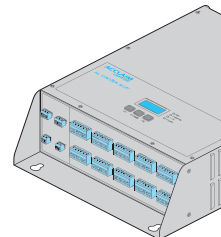
RELATED COMPONENTS

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,
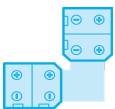0-10V (sink & source) & DALI driver
10 output ports, 100-277VAC input

Connection Cables

FLEXSI-FC3
Flex Spectrum Interior feed cable
3.28' (1m)

FLEXSI-LC3
Flex Spectrum Interior link cable
3.28' (1m)

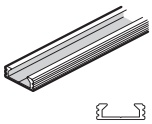**FLEXSI-90**
Flex Spectrum 90º link connector

FLEXSI-T
Flex Spectrum T link connector

Specifications subject to change without notice

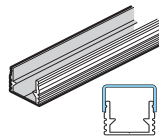# FLEX SPECTRUM INTERIOR™

ACCLAIM LIGHTING
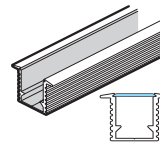
RELATED COMPONENTS (CON'T)

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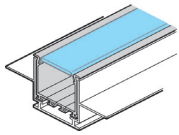

FLX444
Flex channel low profile
4' (1.21m)

FLX888
Flex channel tall profile
4' (1.21m)

FLX777
Flex channel recessed
4' (1.21m)

FLK DWM+DWC/DWF
Flex dry wall channel
3.28' (1m)

WIRING

Wire size guide

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

Specifications subject to change without notice

FLEX SPECTRUM INTERIOR™

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PHOTOMETRICS

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

Color	Lumens (p/foot)	Center Candela	Efficacy (l/pw)	CRI (Ra)	CRI (r9)
RGBW	226	73.8	36.87	>80 (White)	N/A