FLEX TUBE RGB ™

ACCLAIM
LIGHTING

Client:	
Project:	
Type:	
Order Code:	
Quantity:	

Flex Tube RGB is a flexible, direct view LED strip that features an RGB color changing output. It comes in a 7m spool that can be cut to length to suit project requirements or you can specify custom build to order lengths. It features a highly durable PVC body which is outdoor rated and impact resistant.
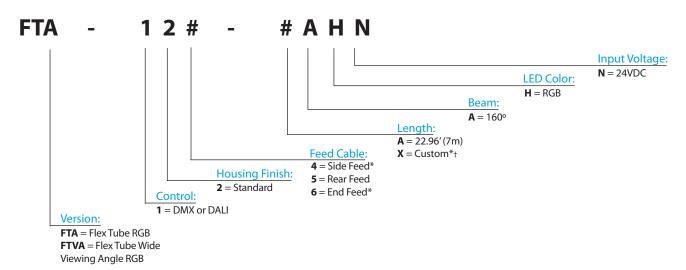
SPECIFICATIONS

Colors	RGB
Beam Angle	160º
Photometrics	37 lumens per foot, see page 4 for details
Strip Length	22.96' (7m) field-cuttable spool, or built to order lengths in 100mm (3.93") sections
Dimming Protocol & Channel Count	DMX/RDM (0-100%), 0-10V (10-100%), or DALI (0-100%) via AL Driver Series, 3 channels
Maximum Fixture Runs	22.96' (7m), 1 spool
Power Consumption	3.75W per foot, 12W per meter, 84W per 22.96' (7m) spool
Operating Voltage	24VDC
Lumen Maintenance	L70 @ 50,000 hours (25º C)
Mounting	Locking aluminum mounting channel, 1.37" (35mm), 3.28' (1m), or 6.56' (2m) lengths
Finish	White
Material	PVC
Ambient Operating Temperature	-40º F to 131º F (-40º C to 55º C)
IP Rating	IP68, wet location and submersible*
IK Rating	IK08, protection against 5 joule impact
Fixture Connectors	9.84' (3m) injection molded feed cable and end cap included
Warranty	3 Years standard, 5 years optional (with additional charge), limited
Weight	5.6 lbs (2.54 kg) - 7m Spool
Dimensions	**L:** As specified **W:** 0.45" **H:** 0.88" / **L:** As specified **W:** 11.5 **H:** 22.5mm
Certifications	c(UL)us CE

*UL approval limits submersible installation to non-human occupied and freshwater locations only. All cables must be landed in environmentally suitable junction boxes.
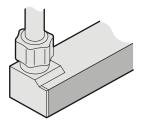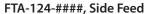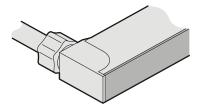
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ORDER CODES

* indicates special order

FTA - 1 2 # - # A H N

Input Voltage:
N = 24VDC

LED Color:
H = RGB

Beam:
A = 160º

Length:
A = 22.96' (7m)
X = Custom*†

Feed Cable:
4 = Side Feed*
5 = Rear Feed
6 = End Feed*

Housing Finish:
2 = Standard

Control:
1 = DMX or DALI

Version:
FTA = Flex Tube RGB
FTVA = Flex Tube Wide
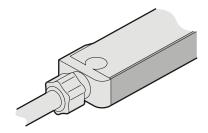Viewing Angle RGB

† : When ordering custom lengths, please specificy number of 3.93" (100mm) sections required after X (22.96', 7m maximum).
Example order code: **FTA-125-X40AHN = 100mm x 40 / 4m (13.12') spool**

FTA-124-####, Side Feed   **FTA-125-####, Rear Feed**   **FTA-126-####, End Feed**
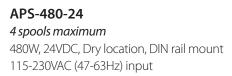
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RELATED COMPONENTS

Power Supplies (for use with single channel drivers or non dimming applications)

APS-240-24
2 spools maximum
240W, 24VDC, Dry location, DIN rail mount
115-230VAC (47-63Hz) input

APS-300-24-IP
3 spools maximum
300W, 24VDC, IP65 Damp location
100-277VAC (50-60Hz) input

APS-480-24
4 spools maximum
480W, 24VDC, Dry location, DIN rail mount
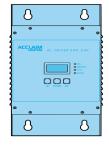115-230VAC (47-63Hz) input

Multi Channel Driver (for use with stand alone power supplies above)

ALD004
AL Driver 4
Multi Channel DMX driver, 0 -100% dimming range
6-24VDC input, 1 spool maximum
Use in conjunction with APS series

DMX Drivers AL Driver 200/400/800

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, 4 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, 9spools max
800W 24V power supply + DMX,
0-10V (sink & source) & DALI driver
10 output ports, 100-277VAC input

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RELATED COMPONENTS

Mounting Accessories

FTCH35
35mm (1.37") self lock mounting channel
Aluminum profile, includes 2 screws

FTCH1000
1m (3.28') self lock mounting channel
Aluminum profile, includes 5 screws

FTCH2000
2m (6.56') self lock mounting channel
Aluminum profile, includes 10 screws

Additonal Accessories

FTTK2
Flex Tube Toolkit
One required per project

Connection Accessories

FTEC-02
End cap for top emitting Flex Tube
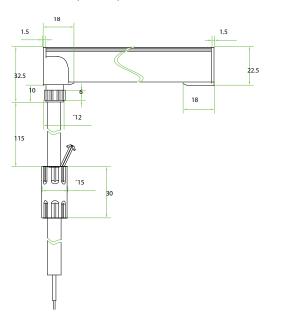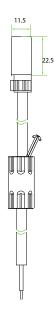Maintains IP68 rating, 2nd generation toolless design

PHOTOMETRICS

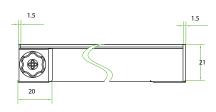| Color	Lumens (per foot)	Max Candela	CRI	Lumens per Watt
RGB	34.1	12	N/A	5.95

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DIMENSIONS (in mm)

Rear Feed (FTA-125)
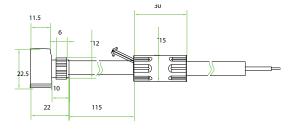

Side Feed (FTA-124)
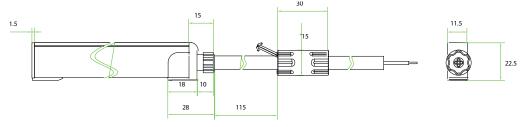

End Feed (FTA-126)

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DIMENSIONS - WVA Model (in mm)