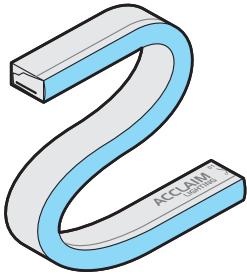




FLEX TUBE RGB™



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	160°
Photometrics	37 lumens per foot, see page 4 for details
Strip Length	22.96' (7m) field-cutttable 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 (25° C)
Mounting	Locking aluminum mounting channel, 1.37" (35mm), 3.28' (1m), or 6.56' (2m) lengths
Finish	White
Material	PVC
Ambient Operating Temperature	-40° F to 131° F (-40° C to 55° 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	 

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

sixteen5hundred	Project 21-12877-3 Date 6/25/2021 RGB/W Saturated Color	Catalog Number FTA 1226 AAHN	Type
	Submitted By 16500, INC	Notes	

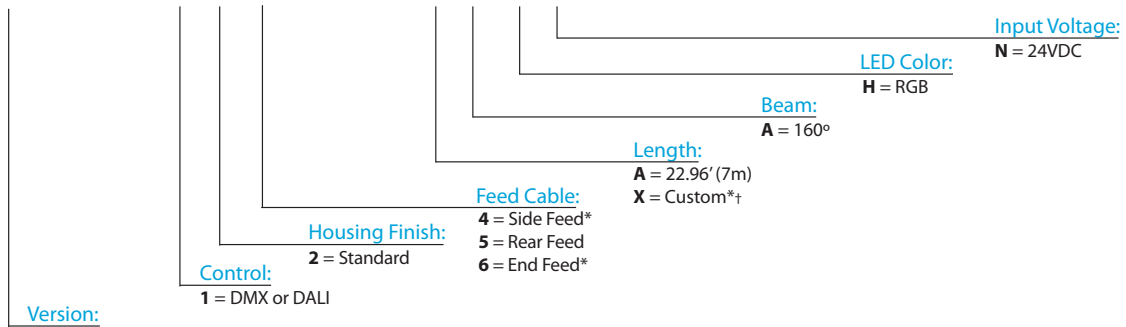
FLEX TUBE RGB™



ORDER CODES

* indicates special order

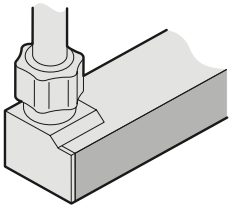
FTA - 1 2 # - # A H N



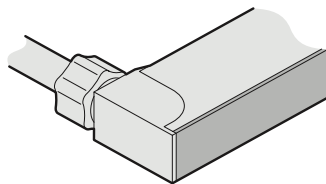
Version:

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

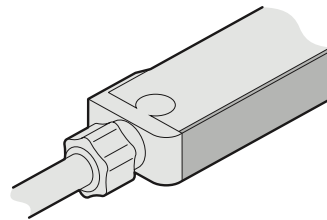
†: When ordering custom lengths, please specify number of 3.28" (100mm) sections required after X (22.96', 7m maximum).
 Example order code: **FTA-125-X40AHN = 100mm x 40 / 4m (13.12') spool**



FTA-124-####, Side Feed



FTA-125-####, Rear Feed



FTA-126-####, End Feed

FLEX TUBE RGB™



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



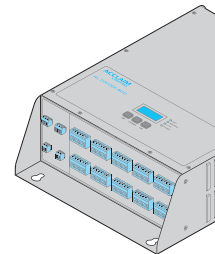
ALD-200-24

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

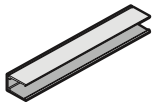
sixteen5hundred	Project 21-12877-3 Date 6/25/2021 RGB/W Saturated Color Submitted By 16500, INC	Catalog Number FTA 1226 AAHN Notes	Type
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FLEX TUBE RGB™



RELATED COMPONENTS

Mounting Accessories

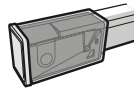


FTCH35
 35mm (1.37") self lock mounting channel
 Aluminum profile, includes 2 screws

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

Connection Accessories



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

Additional Accessories



FTTK2
 Flex Tube Toolkit
 One required per project

PHOTOMETRICS

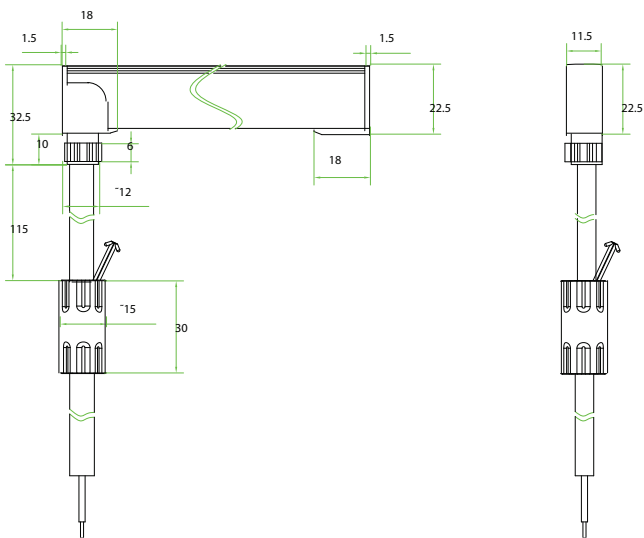
Color	Lumens (per foot)	Max Candela	CRI	Lumens per Watt
RGB	34.1	12	N/A	5.95

FLEX TUBE RGB™

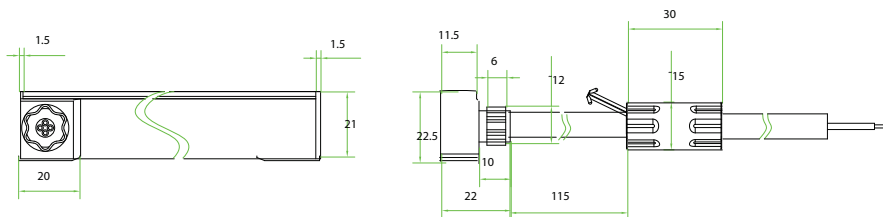


DIMENSIONS (in mm)

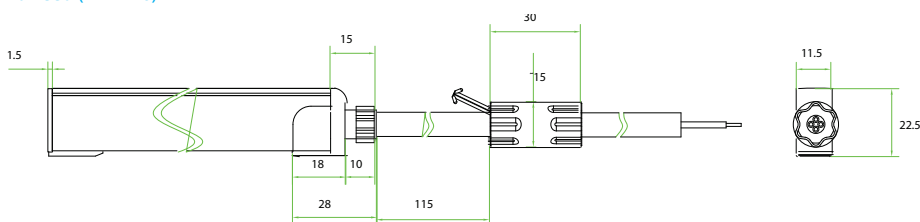
Rear Feed (FTA-125)



Side Feed (FTA-124)



End Feed (FTA-126)



FLEX TUBE RGB™



DIMENSIONS - WVA Model (in mm)

