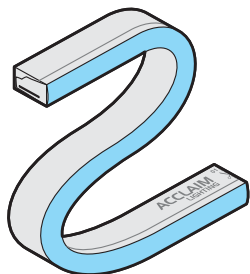




# FLEX TUBE PIXEL™



**Flex Tube Pixel** is a flexible, direct view LED strip that features RGB control of every 4.9" (125mm) section. It comes in a 10m spool that can be cut to length to suit project requirements, and features a highly durable PVC body which is outdoor and impact rated.

## SPECIFICATIONS

Colors	RGB
Beam Angle	134°
Photometrics	85 lumens per foot (see page 4 for details)
Strip Length	32.8' (10M) field-cutttable spool, or built to order lengths from 4.9" to 32.8'
Control & Channel Count	0-100% dimming via DMX / SPI, 3 channels per 4.9" pixel, 240 channels per 32.8' (10m)
Sections / Pixels	Pixel distance of 4.9" (125mm), 80 RGB sections per 32.8' (10m) spool, 2.4 sections per foot
Power Consumption	3.65W per foot, 12W per meter
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 122° F (-40° C to 50° C)
IP Rating	IP68, wet location and submersible* (with injection molded ends), IP67 with cut sections
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	7.6 lbs (3.5 kg) - 10m Spool
Dimensions	<b>L:</b> As specified <b>W:</b> 0.45" <b>H:</b> 0.88" / <b>L:</b> As specified <b>W:</b> 11.5 <b>H:</b> 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 FTY 226 AASN	Type
	Submitted By 16500, INC	Notes	

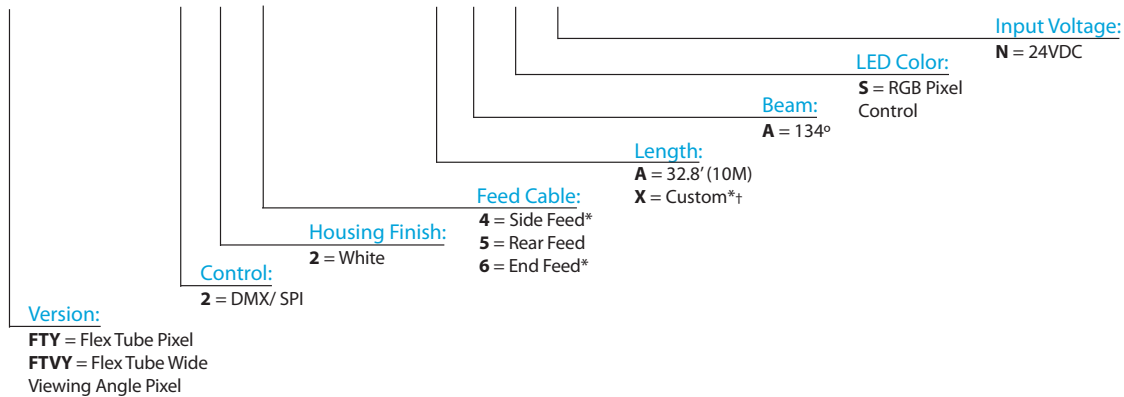
# FLEX TUBE PIXEL <sup>TM</sup>



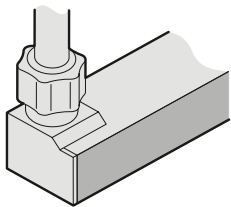
## ORDER CODES

\* indicates special order

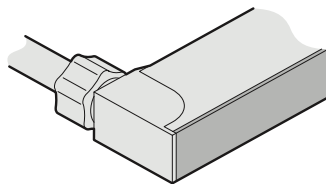
**FTY - 2 2 # - # A S N**



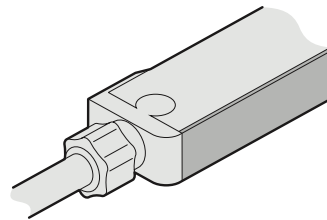
†: When ordering custom lengths, please specify number of 4.9" (125mm) sections required after X (32.8'; 10m maximum).  
Example order code: **FTY-225-X40ASN = 125mm x 40 / 5m spool**



FTY-224-####, Side Feed



FTY-225-####, Rear Feed



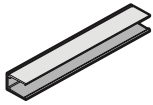
FTY-226-####, End Feed

# FLEX TUBE PIXEL <sup>TM</sup>



## RELATED COMPONENTS

### Mounting Accessories

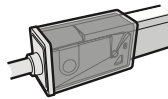


**FTCH35**  
*35mm (1.37") self lock mounting channel*  
Aluminum profile, includes 2 screws

**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



**FTPFC**  
*3M (9.84') feed cable + connector for Flex Tube Pixel*  
IP67 rating, 2nd generation toolless design

**FTEC-02**  
*End cap for top emitting flex tube products*  
IP67 rating, 2nd generation toolless design

### Additional Accessories



**FTTK2**  
*Flex Tube Toolkit*  
One required per project

### Drivers (DC+DMX)



**PIX001**  
*Pixel Driver 1*  
12-24VDC Input, DMX input, SPI output  
Controls up to one 10M (32.8') section of Flex Tube Pixel  
Must be used with 24V power supply

### Power Supplies (DC)



**APS-300-24-IP**  
*100-277VAC Input, 24VDC Output*  
Powers up to two 10M (32.8') sections of Flex Tube Pixel  
Must be used with Pixel Driver 1

# FLEX TUBE PIXEL <sup>TM</sup>



## RELATED COMPONENTS

### Multiple Zone Controller



**LPC**  
*Flexible, multi-location lighting control*  
 5,120 to 51,200 control channels  
 Program and pixel map via PC or Mac

### Single Zone Controller



**VLC**  
*Video control for a single array / screen*  
 25,600 to 768,000 control channels  
 HD video via local media files or DVI-D input

### Artnet / sACN to DMX Converter



**ARTNET 8**  
*8 Universe ArtNet and sACN to DMX converter*  
 100 - 240VAC input

## PHOTOMETRICS

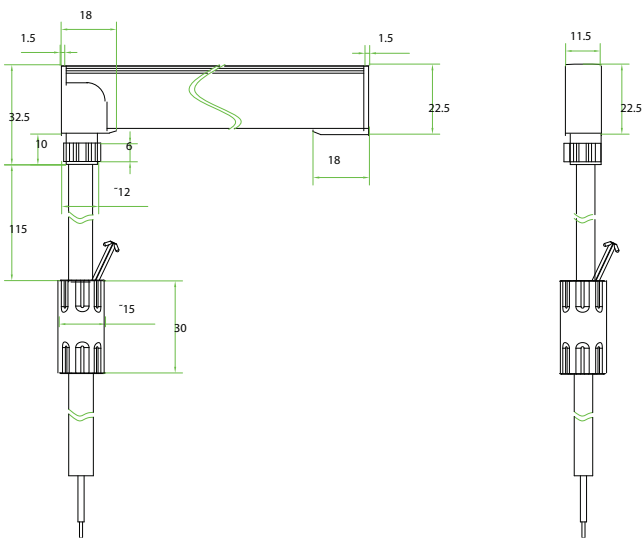
Color	Lumens (per foot)	Max Candela	CRI	Lumens per Watt
RGB	85.4	23.9	N/A	15

# FLEX TUBE PIXEL <sup>TM</sup>

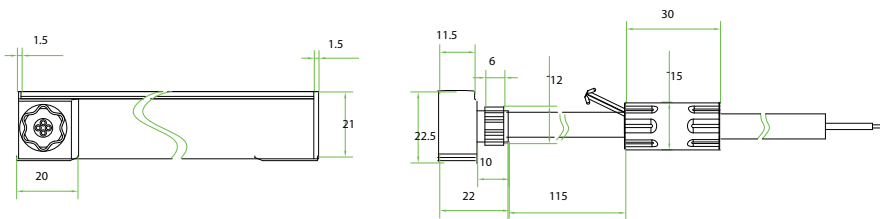


## DIMENSIONS (in mm)

Rear Feed (FTY-125)



Side Feed (FTY-124)



End Feed (FTY-126)

