Flex Tube SE RGB™

ACCLAIM LIGHTING

Client:	
Project:	
Type:	
Order Code:	
Quantity:	

Flex Tube SE RGB is a side emitting, outdoor rated, flexible color changing LED tube. It is available with tri-color RGB LEDs, which cover nearly every possible color combination required. It features an IP68 rating, cut points every 3.28", and a minimum bend radius of 12". Sold in spools of 23' (7m), it is impact, UV, and saltwater resistant.

Specifications

|	
Color	RGB
Spool Length + Cut Points	23' (7m) or built to order, Cut points every 3.28" (83.33mm)
Beam Angle	160º
Max Fixture Runs	23' (7m) - 1 spool maximum
Photometrics	81 lumens per foot (full on)
Dimming Protocol	via DMX-512, 3 channels per spool / section
Mounting	via Self lock mounting channel
Power Consumption	76W @ 23' (1 Spool), minimum 3.3W per foot
Operating Voltage	24VDC
Lumen Maintenance	L70 @ 50,000 Hours (25º C)
Housing & Finish	White UV stabilized, flexible PVC jacket with silicone top
Installation Temperature	32°F to 113°F (-0℃ to 45℃)
Operating Temperature	-40°F to 131°F (-40℃ to 55℃)
IP / IK Rating	IP68/IP67† - Wet Location / Submersible*, IK 08 - Up 5 Joule Impact Energy Protection
Fixture Connectors	10' (3m) Attached injection molded feed cable - rear, side or end feed options (see page 2)
Warranty	3 Years standard, 5 Years optional (additional charge)
Weight	8 lbs (3.62 kg)
Dimensions	W 0.72" x H 0.63" x L 32' (18.5mm x 16mm x 10m)
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.

† If field installed end caps are used, the rating drops from IP68 to IP67

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Order Codes

*Indicates Special Order

Model **Control** **Housing Color** **Feed Cable Config** **Length** **Beam** **Color** **Input voltage**

FTW - 1 2 # - A A H N

Input Voltage:
N = 24VDC

Color:
H = RGB

Beam:
A = 160°

Length:
A = 23' (7m)
X= Custom*†

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

Housing Color:
2 = White

Control:
1 = DMX
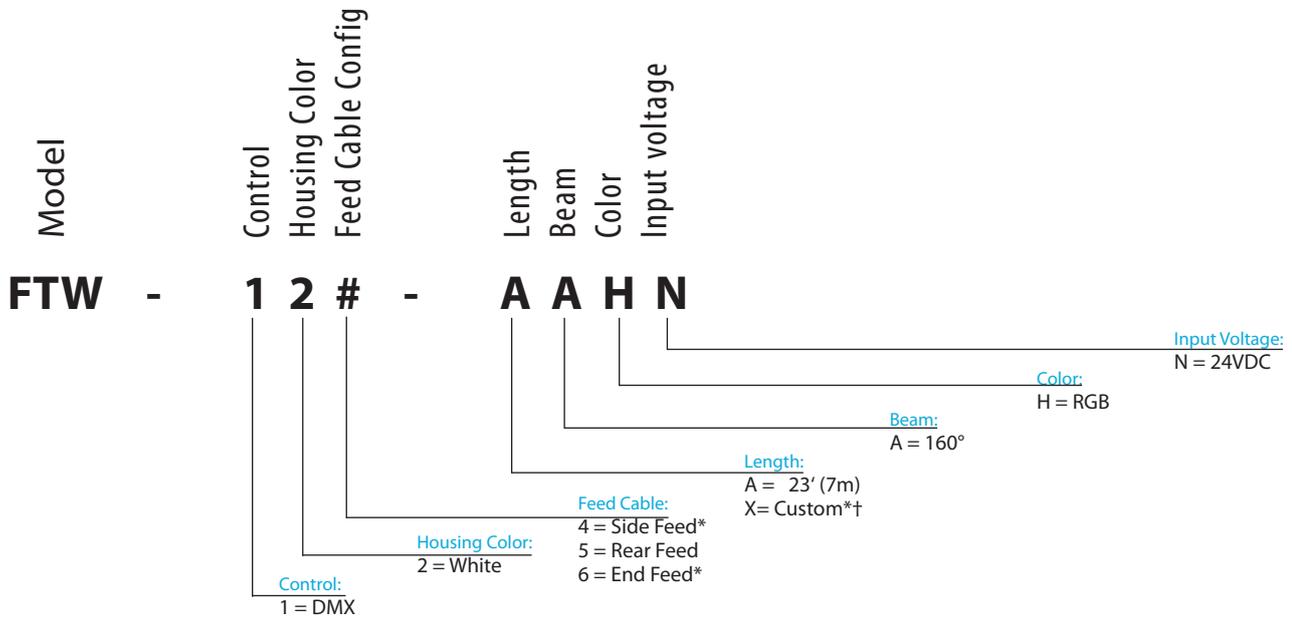
† : When ordering custom lengths, please specify number of 3.28" (83.33mm) sections required after X (22.96', 7m maximum).
Example order code: FTW-125-X40AHN = 83.33mm x 40 / 3.33m (10.92') spool.
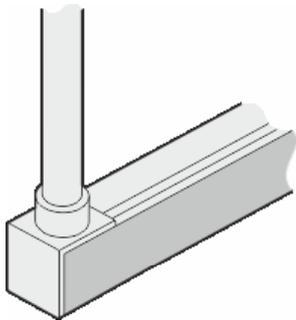
FTW-124-AAHN, Side Feed
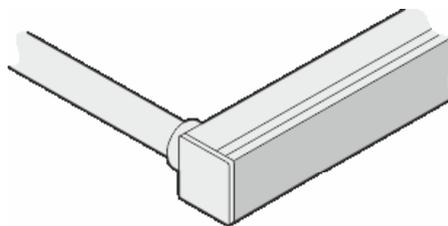
FTW-125-AAHN, Rear Feed

**FTW-126-AAHN, End Feed**

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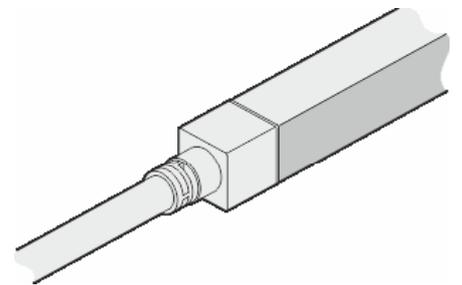
Related Components

### Power Supplies (Use with AL Driver 4)
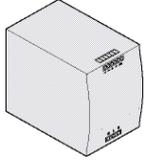
APS-240-24
2 Spools Maximum
240W, 24VDC, Dry location, DIN Rail Mount
115-230VAC (47-63Hz) Input
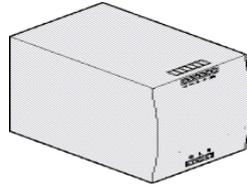
APS-480-24
4 Spools Maximum
480W, 24VDC, Dry location, DIN Rail Mount
115-230VAC (47-63Hz) Input

DMX Driver AL Driver 4
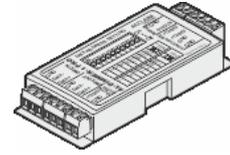
ALD004
AL Driver 4, 1 Spool Max.
Four channel DMX driver
Use in conjunction with APS Series

DMX Driver AL Driver 200/400/800

ALD-200-24
AL Driver 200 24V, 2 spools max
200W 24V power supply + DMX,
0-10V (source) & DALI driver
4 output ports, 100-277VAC input
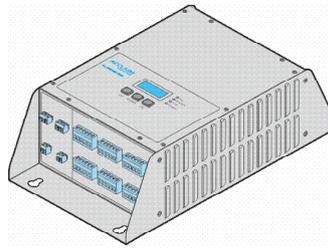
ALD-400-24
AL Driver 400 24V, 4 spools max
400W 24V power supply + DMX,
0-10V (source) & DALI driver
6 output ports, 100-277VAC input
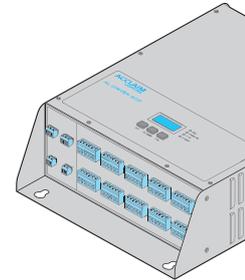
ALD-800-24
AL Driver 800 24V, 8 spools max
800W 24V power supply + DMX,
0-10V (source) & DALI driver
10 output ports, 100-277VAC input

Accessories

*Please note that there are no feed cables for this product. Using FTSEEC2 lowers IP rating to IP67. Cut sections cannot be re-used.
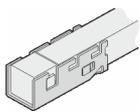
FTSEEC2
Flex Tube SE end cap v2
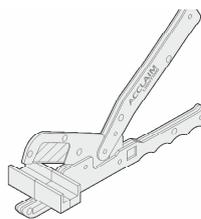
FTTK2
Flex Tube Install Kit
Includes cutter and insert assists

Self Lock Mounting Channels
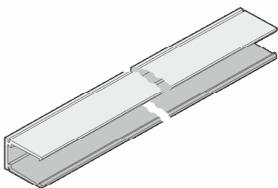
FTSECH2000
Flex Tube SE self lock mounting channel
6.56' (2m)
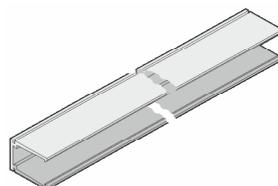
FTSECH1000
Flex Tube SE self lock mounting channel
3.28' (1m)

FTSECH35
Flex Tube SE self lock mounting channel
1.37" (35mm)