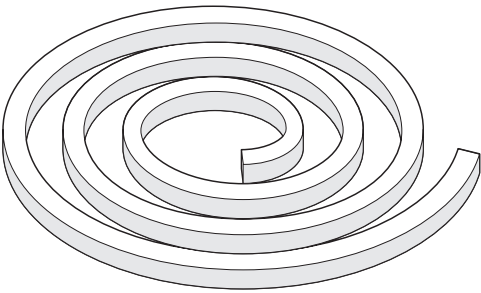


## FLEX TUBE SE SC™



Client:

Project:

Type:

Order Code:

Quantity:

**Flex Tube SE SC** is a side emitting, outdoor rated flexible LED tube. It is available in multiple color temperatures of white, as well as single red, green, and blue versions. It features an IP68 rating, cut points every 2.16", and a minimum bend radius of 11.8" (300mm). Sold in spools of 32' (10m), it is impact, UV, and saltwater resistant.

### SPECIFICATIONS

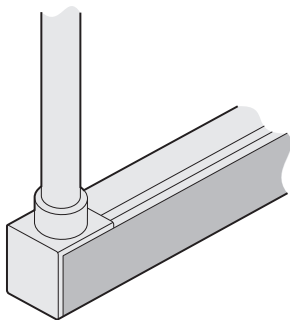
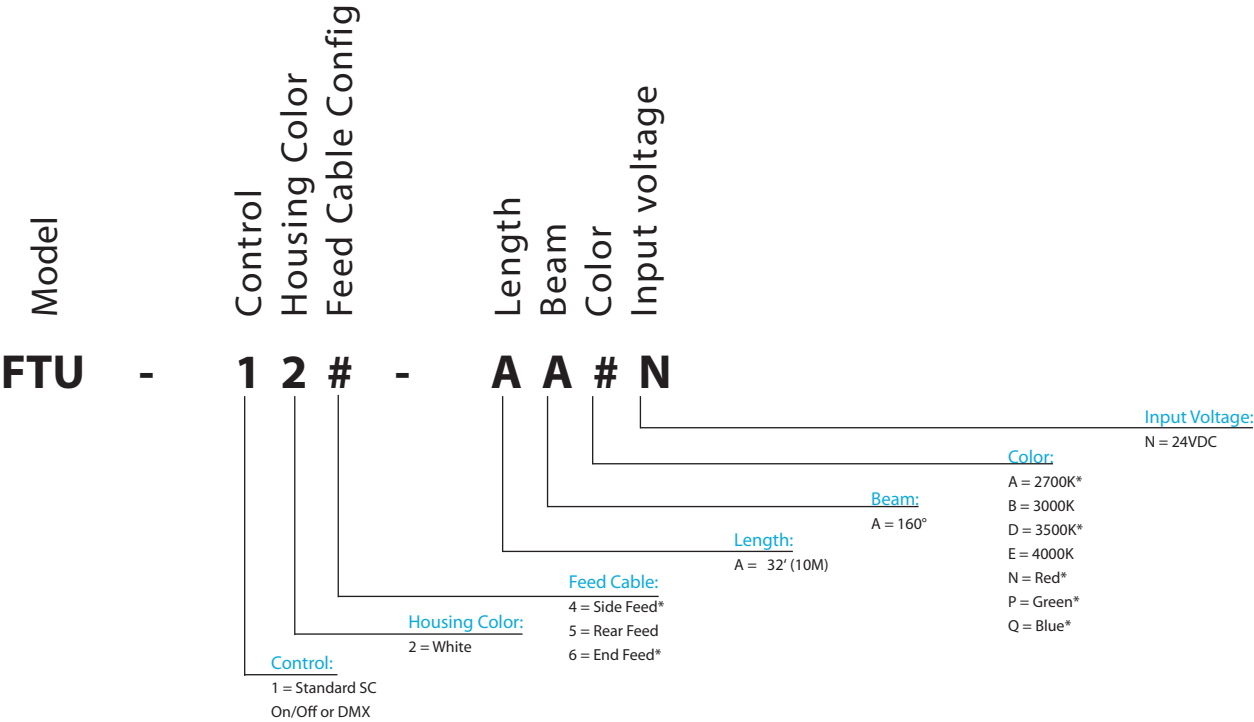
|                           |                                                                                             |
|---------------------------|---------------------------------------------------------------------------------------------|
| Color Temperature         | 2700K, 3000K, 3500K, 4000K, Red, Green, Blue                                                |
| Spool Length + Cut Points | 32' (10m), Cut points every 2.16" (55mm)                                                    |
| Beam Angle                | 160°                                                                                        |
| Max Fixture Runs          | 32' (10m) - 1 spool maximum                                                                 |
| Photometrics              | 171 Lumens per foot, 54 center beam candlepower (3500K), >80 CRI                            |
| Dimming Protocol          | DMX-512, 0-10V (Source) or DALI                                                             |
| Mounting                  | via Self lock mounting channel                                                              |
| Power Consumption         | 106W @ 32' (1 Spool), minimum 3.3W per foot                                                 |
| Operating Voltage         | 24VDC                                                                                       |
| Lumen Maintenance         | L70 @ 50,000 Hours (25° C)                                                                  |
| Housing & Finish          | White UV coated, flexible PVC jacket with silicone top                                      |
| Installation Temperature  | 32°F to 113°F (-0°C to 45°C)                                                                |
| Operating Temperature     | -40°F to 131°F (-40°C to 55°C)                                                              |
| IP / IK Rating            | IP68 - 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 0.63" x H 0.63" x L 32' (16mm x 16mm x 10m)                                               |

Certifications

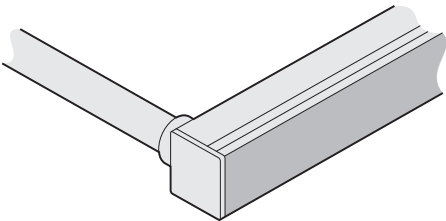



ORDER CODES

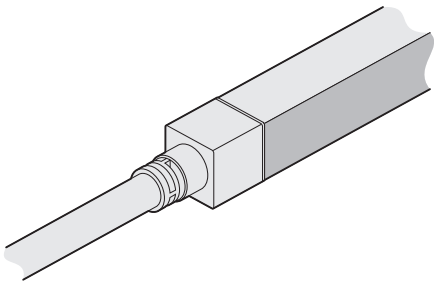
\* Indicates Special Order



FTU-124-####, Side Feed



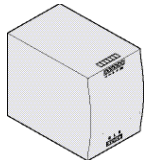
FTU-125-####, Rear Feed



FTU-126-####, End Feed

## RELATED COMPONENTS

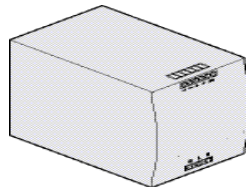
### Power Supplies (Non-dim or DMX)



#### APS-240-24

##### *Two Spools Maximum*

240W, 24VDC, Dry location, DIN Rail Mount  
115-230VAC (47-63Hz) Input

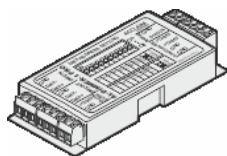


#### APS-480-24

##### *4 Spools Maximum*

480W, 24VDC, Dry location, DIN Rail Mount  
115-230VAC (47-63Hz) Input

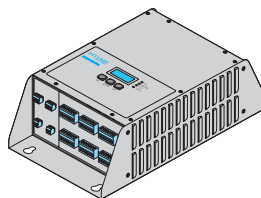
### Drivers



#### DPW-311-JBAT

##### *AL Dimmer 1 Pro, 1 Spool Max.*

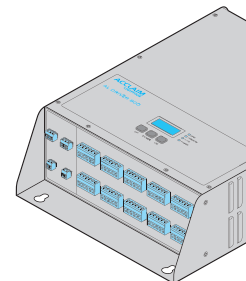
Single channel DMX driver  
Use in conjunction with APS Series



#### ALD-400-24

##### *AL Driver 400 24V, 3 spools max*

400W 24V power supply + DMX,  
0-10V (source) & DALI driver  
6 output ports, 100-277VAC input

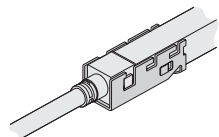


#### ALD-800-24

##### *AL Driver 800 24V, 6 spools max*

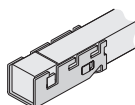
800W 24V power supply + DMX,  
0-10V (source) & DALI driver  
10 output ports, 100-277VAC input

### Wiring Accessories



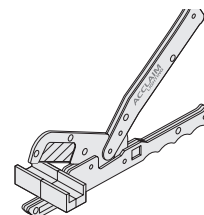
#### FTUFC

*Flex Tube SE SC feed cable kit*  
10' (3M)



#### FTSEEC

*Flex Tube SE end cap*

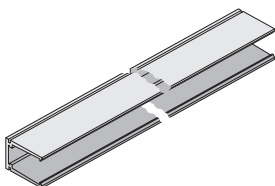


#### FTTK2

*Flex Tube Install Kit*

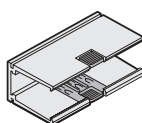
Includes cutter and insert assists

### Self Lock Mounting Channels



#### FTSELC1M

*Flex Tube SE self lock mounting channel*  
3.28' (1m)



#### FTSELC5CM

*Flex Tube SE self lock mounting channel*  
2" (5cm)

## PHOTOMETRICS

For additional color data and IES files, please visit [acclaimlighting.com](http://acclaimlighting.com)

## 3000K

Total Lumens

149.9

Center Beam Candlepower

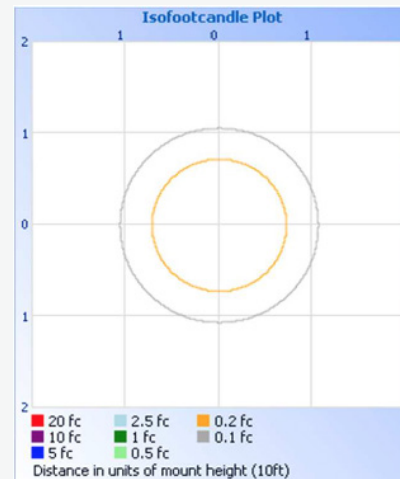
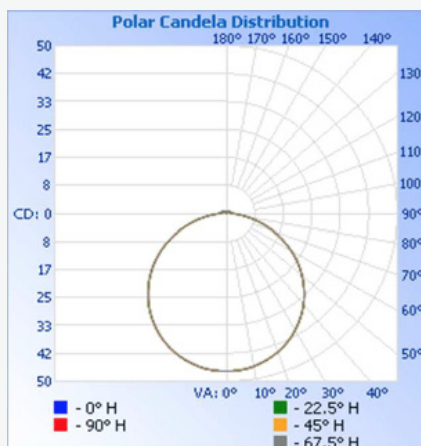
47

CRI

Ra: 79.9

R9: 10.6

| Illuminance at a Distance |                |            |
|---------------------------|----------------|------------|
|                           | Center Beam fc | Beam Width |
| 2.0ft                     | 11.74 fc       | 6.3 ft     |
| 4.0ft                     | 2.93 fc        | 12.7 ft    |
| 6.0ft                     | 1.30 fc        | 19.0 ft    |
| 8.0ft                     | 0.73 fc        | 25.4 ft    |
| 10.0ft                    | 0.47 fc        | 31.7 ft    |



## 3500K

Total Lumens

171.1

Center Beam Candlepower

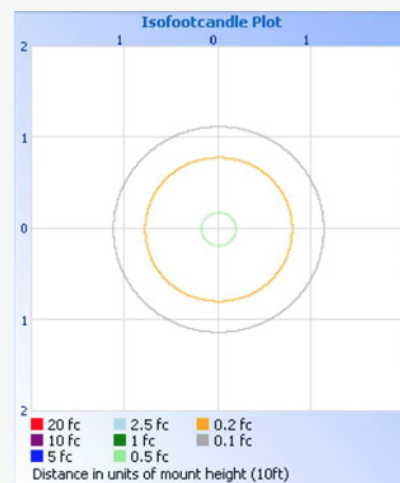
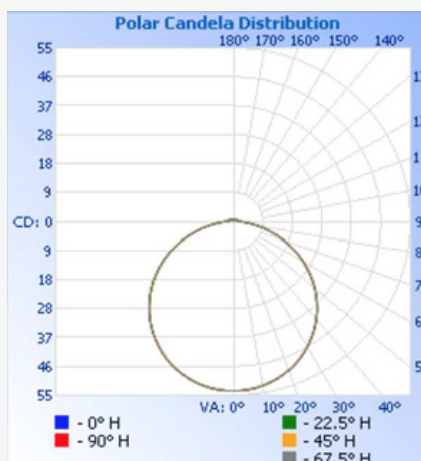
54

CRI

Ra: 80.8

R9: -0.7

| Illuminance at a Distance |                |            |
|---------------------------|----------------|------------|
|                           | Center Beam fc | Beam Width |
| 2.0ft                     | 13.39 fc       | 6.4 ft     |
| 4.0ft                     | 3.35 fc        | 12.7 ft    |
| 6.0ft                     | 1.49 fc        | 19.1 ft    |
| 8.0ft                     | 0.84 fc        | 25.4 ft    |
| 10.0ft                    | 0.54 fc        | 31.8 ft    |



## 4000K

Total Lumens

133.9

Center Beam Candlepower

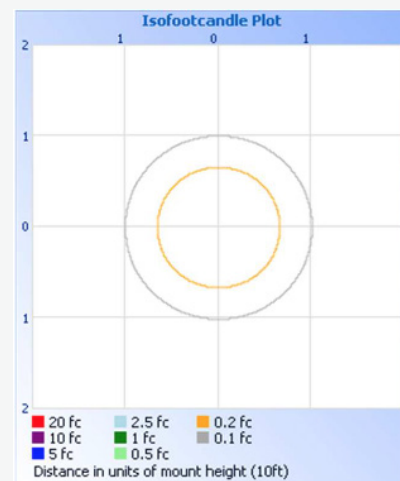
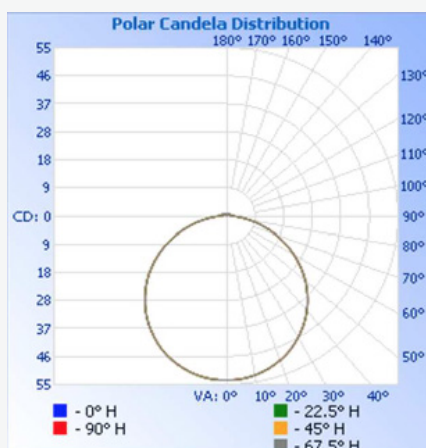
42

CRI

Ra: 83.4

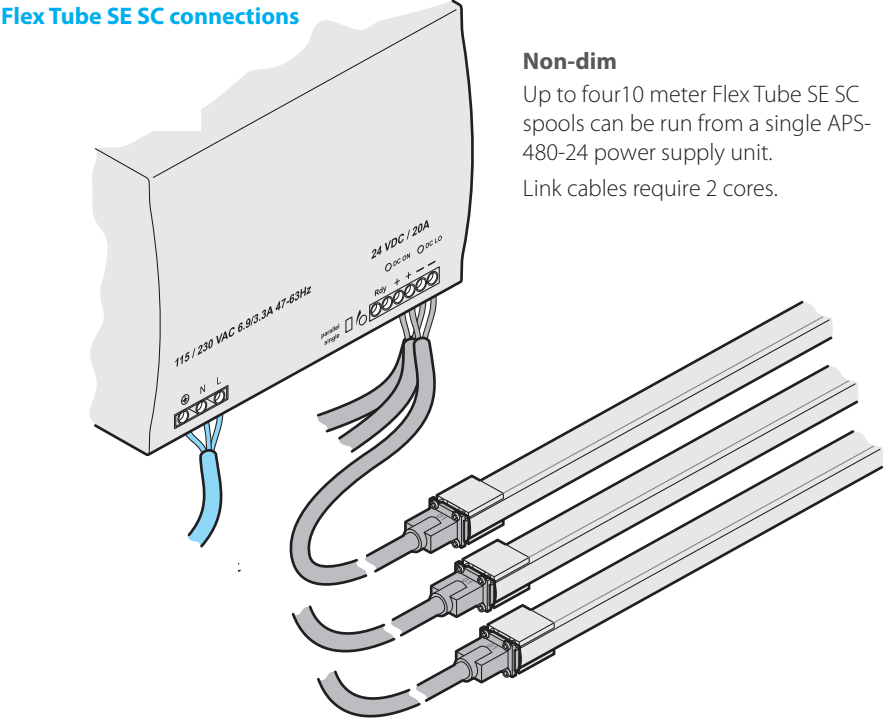
R9: 13.6

| Illuminance at a Distance |                |            |
|---------------------------|----------------|------------|
|                           | Center Beam fc | Beam Width |
| 2.0ft                     | 10.54 fc       | 6.3 ft     |
| 4.0ft                     | 2.64 fc        | 12.5 ft    |
| 6.0ft                     | 1.17 fc        | 18.8 ft    |
| 8.0ft                     | 0.66 fc        | 25.0 ft    |
| 10.0ft                    | 0.42 fc        | 31.3 ft    |



WIRING

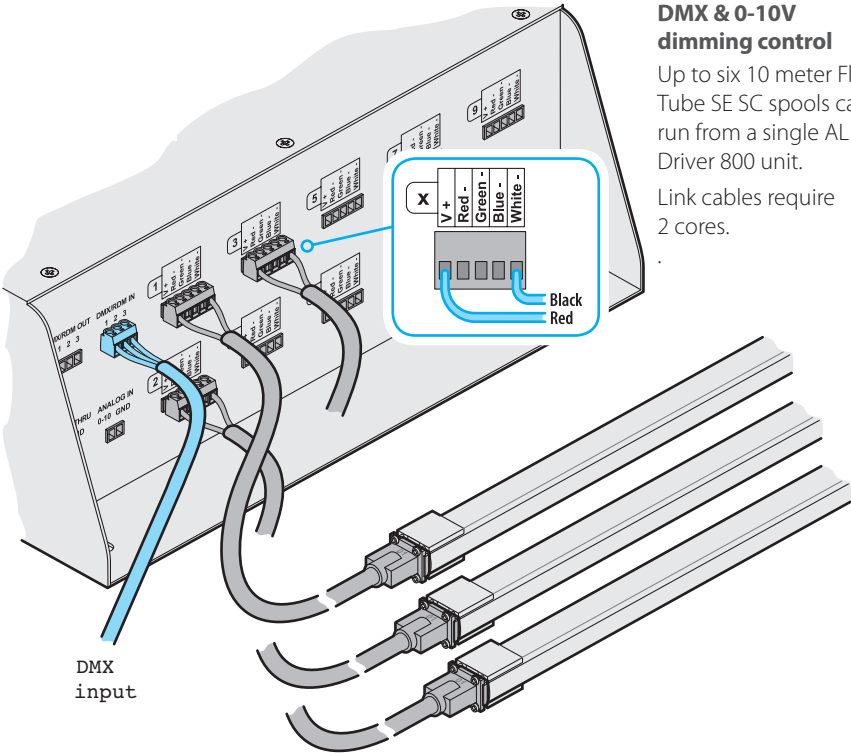
Flex Tube SE SC connections



**Non-dim**  
Up to four 10 meter Flex Tube SE SC spools can be run from a single APS-480-24 power supply unit.  
Link cables require 2 cores.

Wire size guide

| Gauge  | Cond. | Max feet to flex |
|--------|-------|------------------|
| 18 AWG | 2     | 40               |
| 14 AWG | 2     | 100              |
| 12 AWG | 2     | 180              |



**DMX & 0-10V dimming control**  
Up to six 10 meter Flex Tube SE SC spools can be run from a single AL Driver 800 unit.  
Link cables require 2 cores.

DMX input