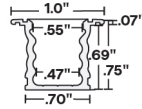
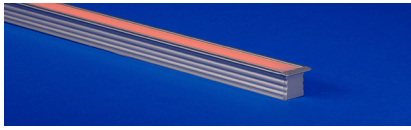




# ESSENTIALS FLUR™- ENCAPSULATED (03) STATIC COLOR

## 24VDC Linear Fixtures - Recessed



- Deep flanged recessed fixture
- Features high quality LED strips encapsulated in polyurethane in a rigid extrusion providing a robust fixture
- Encapsulation available in clear or translucent
- Suitable for indoor and outdoor locations (IK10)
- Offered with an optional mounting tray
- Features two wire feed options
- Stainless steel mounting clips
- Features painted end caps to match extrusion finish or clear end caps to achieve seamless appearance of long runs
- Red, Green, Blue or Amber LEDs available
- FWC Q-Tran Red & Amber LED products are Florida Fish and Wildlife Conservation Commission certified, making them safe for turtles and other wildlife

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
PRODUCT	WATTS/FT	CCT	RATED	EFFICIENCY	LENS	WIRE INPUT/OUTPUT	CONNECTOR/WIRE IN	CONNECTOR/WIRE OUT	INPUT END CAP	OUTPUT END CAP	WIRE COLOR	WIRE TYPE	MOUNTING	FINISH	LENGTH (IN)	EXACT/OPTIMAL
FL3SC	5.0		ENC						STD	STD			SST			

Sample Part Number: **FL3SC-5.0-G-ENC-WO-TL-P1-BW-BW-STD-STD-BK-CL2-SST-ST-48"-E**

<div>1</div> <div>PRODUCT</div> <div>FL3SC</div> <div>See following pages for compatible power supplies.</div>	<div>2</div> <div>WATTS/FT</div> <div>5.05.0W/ft</div>	<div>3</div> <div>CCT</div> <div>A B G R</div> <div>Amber Blue Green Red</div>	<div>4</div> <div>RATED</div> <div>ENCIP67</div>	<div>5</div> <div>EFFICIENCY</div> <div>STD WO</div> <div>Standard White Optics</div> <div>WhiteOptics - Internal coating, greater lumen output</div>	<div>6</div> <div>LENS</div> <div>CL TL</div> <div>Clear Translucent</div> <div>For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages</div>
<div>7</div> <div>WIRE INPUT/OUTPUT</div> <div>S1 S2</div> <div>Single 1 (Input only) - End Feed Single 2 (Input only) - Bottom Feed</div> <div>P1 P2</div> <div>Pass Through 1 (Input/output) - End Feed Pass Through 2 (Input/output) - Bottom Feed</div>	<div>8</div> <div>CONNECTOR/WIRE IN</div> <div>BW BRL CON6 CON24</div> <div>Bare Wire (Standard 24") Barrel Connector 6" Connector 24"</div> <div>BW BRL CON6 CON24</div> <div>Bare Wire (Standard 24") Barrel Connector 6" Connector 24"</div>	<div>9</div> <div>CONNECTOR/WIRE OUT</div> <div>CLS</div> <div>Closed End (No feed)</div> <div>BW BRL CON6 CON24</div> <div>Bare Wire (Standard 24") Barrel Connector 6" Connector 24"</div>			
For continuous mounting, consider bottom feed		BW: Standard length is 24". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)		BW: Standard length is 24". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)	
<div>10</div> <div>INPUT END CAP</div> <div>STD</div> <div>Standard</div> <div>STD - End cap matches fixture finish chosen</div>	<div>11</div> <div>OUTPUT END CAP</div> <div>STD</div> <div>Standard</div> <div>STD - End cap matches fixture finish chosen</div>	<div>12</div> <div>WIRE COLOR</div> <div>WH BK N/A</div> <div>White Black For Barrel</div>	<div>13</div> <div>WIRE TYPE</div> <div>CL2 CL2P N/A</div> <div>Class 2 Plenum Rated For Barrel</div> <div>CL2P only available with bare wire leads (BW)</div>		
<div>14</div> <div>MOUNTING</div> <div>SST</div> <div>Stainless Steel</div>	<div>15</div> <div>FINISH</div> <div>ST BK CU</div> <div>Satin Black Custom</div> <div>Custom finishes require a longer lead time, consult factory</div>	<div>16</div> <div>LENGTH (IN)</div> <div>Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12".</div>	<div>17</div> <div>EXACT/OPTIMAL</div> <div>O E</div> <div>Optimal Illumination Exact Specified Length</div> <div>Exact fixtures match the exact length you specify, but they may have dim spots at the ends. Optimal fixtures are slightly shorter than the length specified, but provide full illumination from end to end. See Exact/Optimal Fixture Length charts.</div>		

For continuous mounting, consider bottom feed

BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

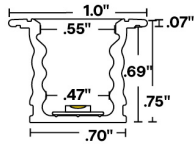
BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)



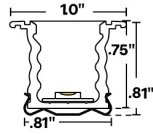
# ESSENTIALS FLUR™-ENCAPSULATED (03) STATIC COLOR

## 24VDC Linear Fixtures - Recessed

### 1 PRODUCT - DIMENSIONS



Profile



Profile with stainless steel mounting clip

### 2 DELIVERED LUMENS

[Calculated L70 = 40000 hrs]  
Tested with FL3SC-5.0-\*\*-ENC-STD

	Red		Green		Blue		Amber	
	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH
CL	47	633	256	517	66	466	43	597
TL	30	633	162	517	42	466	27	597

[Calculated L70 = 40000 hrs]  
Tested with FL3SC-5.0-\*\*-ENC-WO

	Red		Green		Blue		Amber	
	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH
CL	52	633	284	517	74	466	47	597
TL	35	633	191	517	49	466	32	597

### 6 DIODE VISIBILITY



ENC/CL - Clear encapsulation

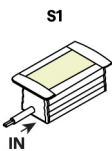
ENC/TL - Translucent encapsulation

### TEMPERATURE RATINGS

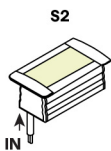
	5.0 W/FT	
	Min	Max
Ambient Operating Temp - Recessed	-4°F	100°F
Ambient Operating Temp - Surface	**	**

### 7 WIRE INPUT/OUTPUT

SINGLE (Input only)

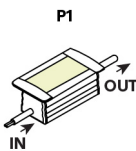


End Feed

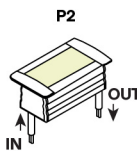


Bottom Feed

PASS THROUGH (Input/Output)



End Feed



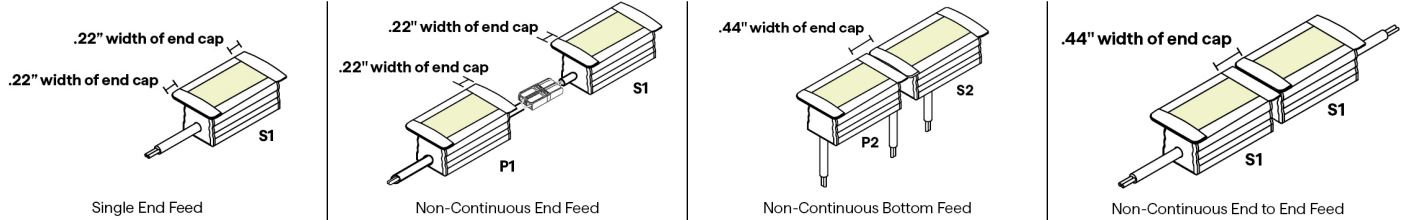
Bottom Feed



# ESSENTIALS FLUR™-ENCAPSULATED (03) STATIC COLOR

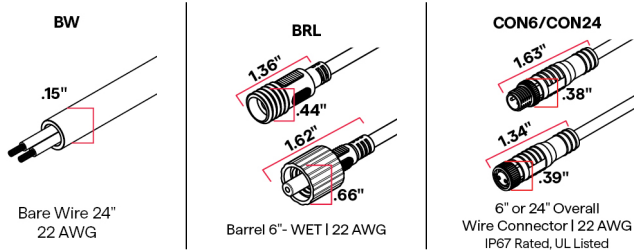
24VDC Linear Fixtures - Recessed

## CONFIGURATION OPTIONS



## 8 / 9 CONNECTOR/WIRE - IN/OUT

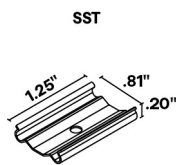
Connector/Wire In or Out not needed to specify product. Standard configuration is BW for Wire In and CLS for Wire out



## 12 WIRE COLOR



## 14 MOUNTING



Stainless Steel Clip

2 clips provided for 4' or less; 4 clips provided for greater than 4'

To order separately use SST-01

Each clip comes with a #4 x 5/8\"/>

## 15 FINISH



Custom finishes require a longer lead time, consult factory

## 17 EXACT/OPTIMAL FIXTURE LENGTH

[E/O Length Calculator →](#)

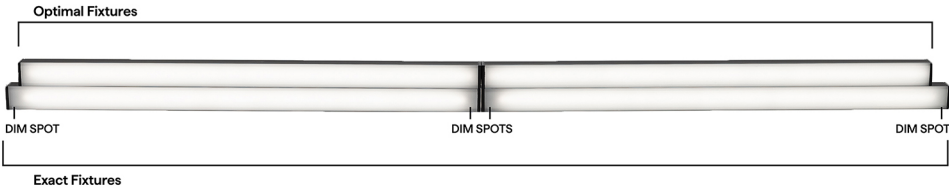
[E/O Explained →](#)

Exact fixtures are the exact length specified. Optimal fixtures' length is rounded down based on LED cut points to allow the fixture to be illuminated end to end. For runs with multiple fixtures that need to fill a specific length, it's recommended to order all optimal fixtures with an exact fixture at the end of the run.



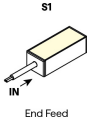
# ESSENTIALS FLUR™-ENCAPSULATED (03) STATIC COLOR

## 24VDC Linear Fixtures - Recessed

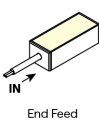
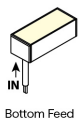
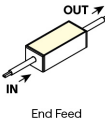
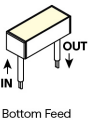


### SC ENC LENGTHS BY INCH

#### EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture 
12"	1"
13"	0.5"
14"	1"
15"	0.5"
16"	1"
17"	0.5"
18"	1"
19"	0.5"
20"	1"
21"	0.5"
22"	1"
23"	0.5"
24"	1"
36"	1"
48"	1"
60"	1"
72"	1"
84"	1"
96"	1"

#### OPTIMAL LENGTH

Requested Nominal Length	S1 & S2		P1 & P2	
	 S1 End Feed	 S2 Bottom Feed	 P1 End Feed	 P2 Bottom Feed
12"	10.41"		10.66"	
13"	12.41"		12.66"	
14"	12.41"		12.66"	
15"	14.41"		14.66"	
16"	14.41"		14.66"	
17"	16.41"		16.66"	
18"	16.41"		16.66"	
19"	18.41"		18.66"	
20"	18.41"		18.66"	
21"	20.41"		20.66"	
22"	20.41"		20.66"	
23"	22.41"		22.66"	
24"	22.41"		22.66"	
36"	34.41"		34.66"	
48"	46.41"		46.66"	
60"	58.41"		58.66"	
72"	70.41"		70.66"	
84"	82.41"		82.66"	
96"	94.41"		94.66"	



ESSENTIALS FLUR™-ENCAPSULATED (03) STATIC COLOR

24VDC Linear Fixtures - Recessed

COMPATIBLE POWER SUPPLIES

See power supplies cut sheets for more information. Data subject to change, all data has +/- 5% tolerance.

DIM TO LEVEL	INDOOR	OUTDOOR
	SC	SC
Dim to Black	Q6M-DC+CAP QTM-DC+CAP IQ-PH+QD1	QOM-DC+CAP QOM-PH
0.1%	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-BOWTIE+DIMMER QZ-DMX QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP	Q-SET-QZ-DMX Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QOM-eLED+DALI-DT6 QOM-eLED+PS-DALI-DT6 QZ-DMX QZ-PH/0-10V
1%	QTM-eLED(E) QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QZ-DALI-DT6
10%	Non-Dim Power Supply with SW App Dongle	


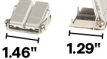





# ESSENTIALS FLUR™-ENCAPSULATED (03) STATIC COLOR


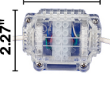




24VDC Linear Fixtures - Recessed

DIMMING PROTOCOL	INDOOR	OUTDOOR
	SC	SC
Non-Dim	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND	Q-SET-QZ-ND Q-SET-eLED-ND QOM-eLED-ND QZ-ND
Phase	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1	Q-SET-QZ-PH/0-10V QOM-DC+CAP QOM-PH QZ-PH/0-10V
0-10V	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP	Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QZ-PH/0-10V
Lutron Athena	QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6-AWN	
ECO System	QTM-eLED(E)	
DMX	QZ-DMX	Q-SET-QZ-DMX QZ-DMX
DALI-2: DT6	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QOM-eLED+DALI-DT6 QZ-DALI-DT6
SCENE App Dimmed	Non-Dim Power Supply with SW App Dongle	

## COMPATIBLE MOUNTING ACCESSORIES

<b>HINGE - HMB-M</b>  1.41" .71" Adjustable mounting bracket - Medium	<b>HINGE - HMB-L</b>  1.46" 1.29" Adjustable mounting bracket - Large	<b>HINGE - HMB-XL</b>  1.46" 4" Adjustable mounting bracket - XLarge	<b>Q-PIVOT</b>  .75" 1.03" Small mounting accessory	<b>Q-ANGLE</b>  2.23" 1.38" Adjustable mounting accessory
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## COMPATIBLE WIRING ACCESSORIES

<b>Q-mini-J</b>  2" 1.25" UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)	<b>Q-mini-J5</b>  2.80" 2.27" UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)	<b>BARREL-EXT</b>  8ft barrel cable extender DRY ONLY	<b>BARREL FOUR-FER</b>  Splits lead from one to four LED Barrel connector fixtures, DRY/DMP	<b>CON120-EXT</b>  10ft Con cable extender DRY/DMP/WET	<b>CON FOUR-FER</b>  Splits lead from one to four LED Con connectors DRY/DMP/WET
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# ESSENTIALS FLUR™-ENCAPSULATED (03) STATIC COLOR

24VDC Linear Fixtures - Recessed

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## COMPATIBLE APPS

### NFC APP



Read and write  
DMX addresses and  
adjust voltage