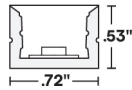
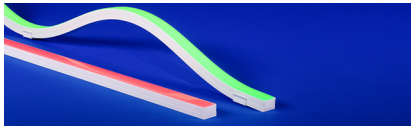




# Q-CAP BOXA™ STATIC COLOR

24VDC Flexible Fixtures



- Flexible encapsulated fixture
- Up/down bend
- 6" bend radius
- Interior and exterior rated (not including FC)
- Seven different mounting options
- Available in a seamless configuration for a continuous line of light
- Utilize clear endcaps for continuous runs
- Do not cut Non-Field Cuttable Q-CAP flexible fixtures
- IK10 impact rated

1	2	3	4	5	6	7	8	9	10	11
PRODUCT	MOUNTING	RATED	CCT	WATTAGE	LENS	WIRE INPUT/OUTPUT	CONNECTOR/ WIRE IN	CONNECTOR/ WIRE OUT	END CAPS	LENGTH
BOXA-SC				5.0				N/A		48"

Sample Part Number: **BOXA-SC-PPS-2-WET-G-5.0-ENC/TL-P1-BW-BW-N/A-48"-E**

1

PRODUCT

BOXA-SC

See last page for compatible power supplies.

2

MOUNTING

RLC

MC

SGC

PPS-2

PPS-96

PPS-LP-2

PPS-LP-96

WSC

BN-UD-SST-16'

BN-UD-SST-32'

BN-UD-WH-16'

BN-UD-WH-32'

Rigid Lock Channel

Magnetic Clip

Side Graze Channel

PVC Clip

PVC Channel

PVC Low Profile Clip

PVC Low Profile Channel

White Snug Clip

16' BENDIT Up/Down Stainless Steel Channel

32' BENDIT Up/Down Stainless Steel Channel

16' BENDIT Up/Down White Channel

32' BENDIT Up/Down White Channel

White snug clip only for indirect cove use, not intended for hanging fixtures upside down.

PPS mounting clip recommended for seamless applications

3

RATED

DRY

WET

IP20

IP67

4

CCT

A

B

G

R

Amber

Blue

Green

Red

5

WATTAGE

5.0

5.0W-VHO

VHO: Very High Output

6

LENS

ENC/CL

ENC/TL

Encapsulated in Clear

Encapsulated in Translucent

For representation of LED visibility, see Diode Visibility section on following pages

7

WIRE INPUT/OUTPUT

S1

S2

S3

S4

S5

Single 1 (Input only) - End Feed

Single 2 (Input only) - Bottom Feed

Single 3 (Input only) - Left Side Feed

Single 4 (Input only) - Right Side Feed

Single 5 (Input only) - Seamless Feed

8

CONNECTOR/WIRE IN

BW

BRL

CON6

CON24

Bare Wire (Standard 24")

Barrel

Connector 6"

Connector 24"

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

9

CONNECTOR/WIRE OUT

N/A

Closed End (No feed)

10

END CAPS

CL

WH

Clear

White

11

LENGTH

48"

Optimal

Minimum length is 12", maximum length is 191" not including end caps.

Contact us for lengths under 12".

Available in 2" increments.

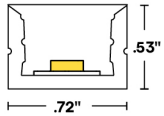
5 year warranty | Up/Down Bend | Data subject to change, all data has +/- 5% tolerance | Ambient or mounting surface must not be lower than -4°F or higher than 108°F | Patent # D872,931 S, D847,395 S, 10,619,828 B2 | Only FC fixtures are Field-Cuttable per installation instructions | Field Cuttable is not returnable or refundable after it has been cut



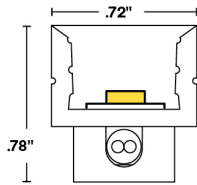
# Q-CAP BOXA™ STATIC COLOR

24VDC Flexible Fixtures

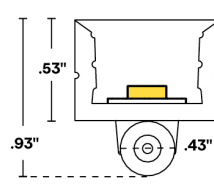
## 1 PRODUCT - DIMENSIONS



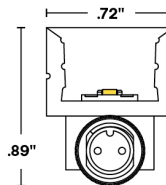
Profile  
(Standard)



Profile  
(Seamless bare wire)



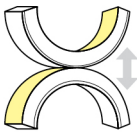
Profile  
(Seamless barrel)



Profile  
(CON6-24 barrel)

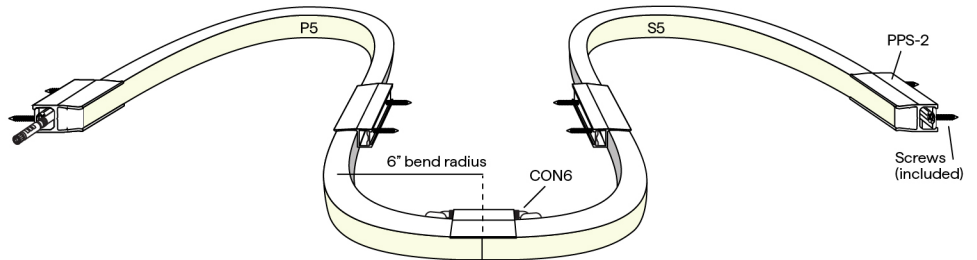
## BEND RADIUS

Up/Down Bend



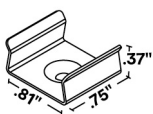
6" bending radius

## FLEXIBILITY



## 2 MOUNTING

WSC

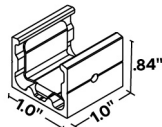


White Snug Clip  
Indirect uplight

To order separately use WSC

Each clip comes with a #6x5/8" flat screw

RLC

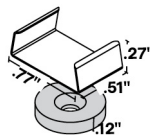


Rigid Lock Channel

To order separately use RLC

Each clip comes with a #6x5/8" flat screw

MC

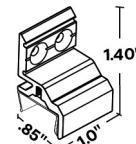


Magnetic Clip  
Cove use only

To order separately use MC

Each clip comes with a #6x5/8" flat screw

SGC

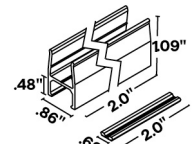


Side Graze Clip

To order separately use SGC

Each clip comes with a #6x5/8" flat screw

PPS-2



PVC Mounting Clip

To order separately use BOXA-PPS2



# Q-CAP BOXA™ STATIC COLOR

## 24VDC Flexible Fixtures

### MOUNTING CONTINUED

**PPS-96**

96" straight linear run

To order separately use BOXA-PPS-96

Each clip comes with a #8" flat screw

**PPS-LP-2**

Low profile PVC Mounting Clip

To order separately use BOXA-PPS-LP-2

**PPS-LP-96**

Low profile PVC channel 96" straight linear run

To order separately use BOXA-PPS-LP-96

Each clip comes with a #8" flat screw

**BN-UD**

BENDIT Channel  
Vertical Stainless Steel Flexible Channel

Continuous mounting solution for flexible fixtures, 16' or 32' field cuttable lengths

To order separately use either STND-QCAP-BN-UD-SST-16', STND-QCAP-BN-UD-SST-32', STND-QCAP-BN-UD-WH-16', or STND-QCAP-BN-UD-WH-32'

64 #4-40 1/2" screws provided per 16'

### 4 / 5 DELIVERED LUMENS

[Calculated L70 = 40000 hrs]  
Tested with BOXA-SC-WSC-DRY

CCT	5.0W/FT			
	ENC/CL		ENC/TL	
	LM	Wavelength	LM	Wavelength
Red	114	633	89	633
Green	473	520	343	520
Blue	108	466	78	468
Amber	105	594	77	594

### 6 DIODE VISIBILITY

ENC/CL - Clear encapsulation

ENC/TL - Translucent encapsulation

### BUG RATING

WATTAGE	B	U	G
5.0 (RED, AMBER, BLUE), 5.0 ENC/TL (GREEN)	B0	U1	G0
5.0 ENC/CL (GREEN)	B0	U1	G1

### TEMPERATURE RATINGS

	5.0 W/FT	
	Min	Max
Ambient Operating Temp - Surface	-4°F	105°F
Storage Temp	-4°F	120°F
Installation Temp	50°F	100°F

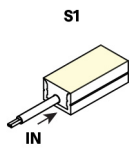


# Q-CAP BOXA™ STATIC COLOR

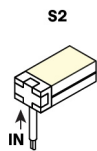
24VDC Flexible Fixtures

## 7 WIRE INPUT/OUTPUT

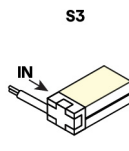
SINGLE (Input only)



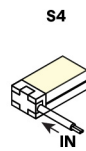
End Feed



Bottom Feed

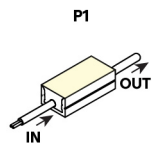


Side Feed - Left

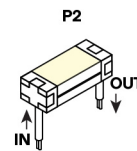


Side Feed - Right

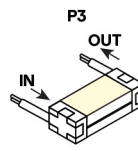
PASS THROUGH (Input/Output)



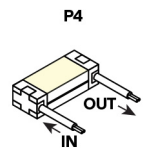
End Feed



Bottom Feed

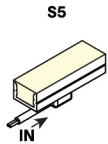


Side Feed - Left



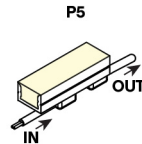
Side Feed - Right

SEAMLESS SINGLE (Input only)



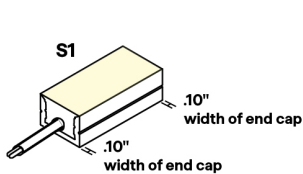
Seamless Feed

SEAMLESS PASS THROUGH (Input/Output)

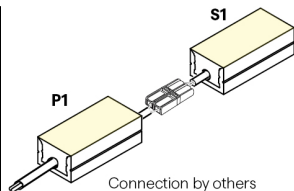


Seamless Feed

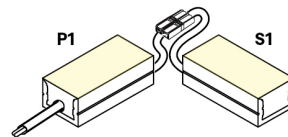
## CONFIGURATION OPTIONS



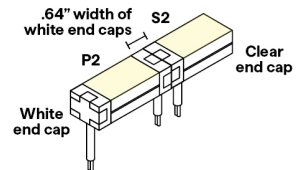
Single End Feed



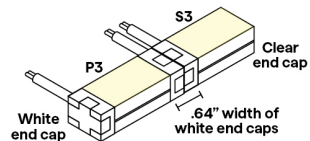
Connection by others  
Non-Continuous End Feed



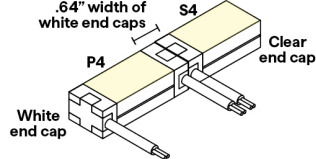
Connection by others  
Non-Continuous Corner Feed



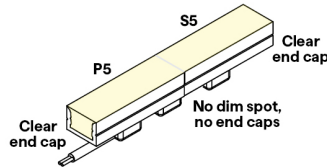
Continuous Bottom Feed



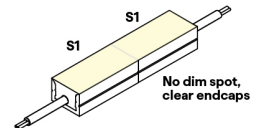
Continuous Side Feed - Left



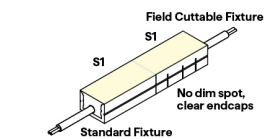
Continuous Side Feed - Right



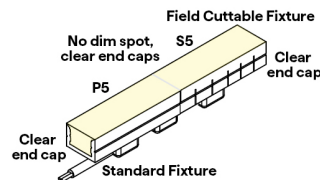
Seamless Bottom Feed



Continuous End to End Feed



Field Cuttable - Continuous End to End Feed



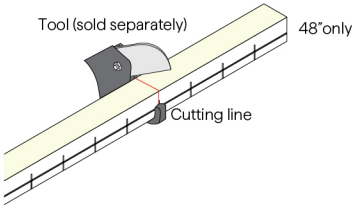
Field Cuttable - Seamless Bottom Feed



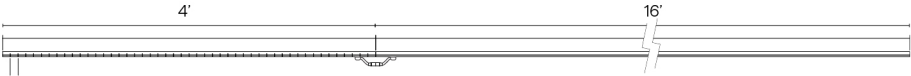
# Q-CAP BOXA™ STATIC COLOR

## 24VDC Flexible Fixtures

### FIELD CUTTABLE MARKING



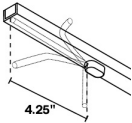
Field cuttable fixtures are sold in 4' increments and go at the end of a run, allowing for easy field adjustment



**Note:** Only FC fixtures are field cuttable — Do not attempt to cut non FC fixtures. Cut only on the marked cut lines. Only cut from non-feed end. Do not attempt to cut while power is on.

### SEAMLESS

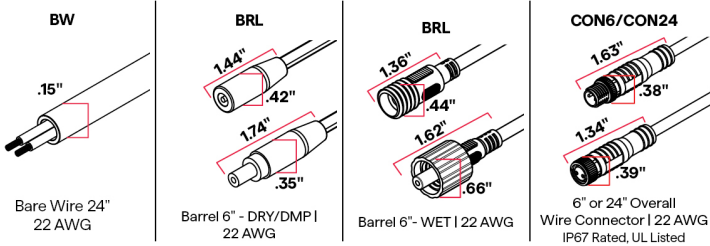
Shown with bare wire, connectors vary



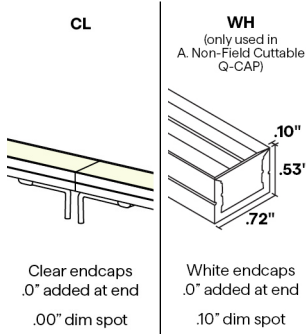
Omnidirectional wireways  
S5, P5

### 8 / 9 CONNECTOR/WIRE – IN/OUT

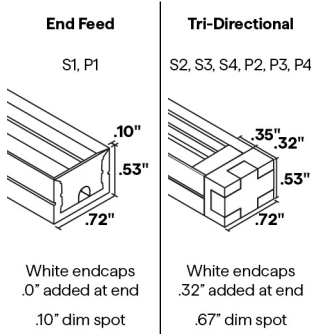
Connector/Wire In or Out not needed to specify product. Typical selection is S1 for Wire Input/Output, BW for Connector/Wire In, N/A for Connector/Wire Out, and WH for End Caps



### 10 END CAPS (NO FEED)

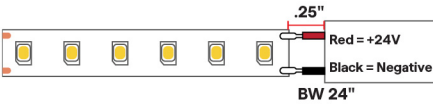


### END CAPS (WITH FEED)



### 11 LENGTH - WIRING DETAIL

Available in 2" increments 12"-191"

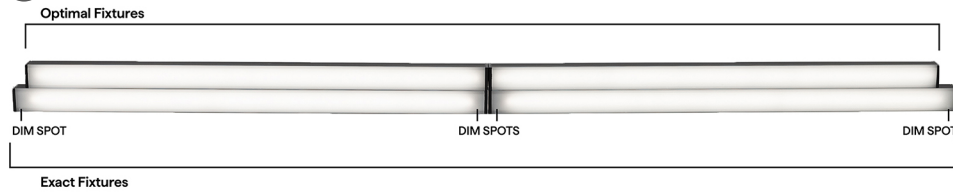




# Q-CAP BOXA™ STATIC COLOR

24VDC Flexible Fixtures

## 12 EXACT/OPTIMAL FIXTURE LENGTH



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.











## SC LENGTHS BY INCH

Available in any length in between 12" and 191", chart below shows example lengths. Exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is +0 - 1/8". Consult factory for lengths under 12".

### EXACT LENGTH

Requested Length	Potential dim spot on either end of fixture with S1 wireway
12"	1"
13"	.5"
14"	1"
15"	.5"
16"	1"
17"	.5"
18"	1"
19"	.5"
20"	1"
21"	.5"
22"	1"
23"	.5"
24"	1"
36"	1"
48"	1"
60"	1"
72"	1"
84"	1"
96"	1"

### OPTIMAL LENGTH: highlighted rows are closest to requested nominal length

Requested Nominal Length	S2 & S3 & S4				P2 & P3 & P4				S5 & P5	
	S1	S2	S3	S4	P1	P2	P3	P4	S5	P5
										
12"	10.45"		10.85"		10.7"		11.5"			10.2"
13"	12.45"		12.85"		12.7"		11.5"			12.2"
14"	12.45"		12.85"		12.7"		13.5"			12.2"
15"	14.45"		14.85"		14.7"		13.5"			14.2"
16"	14.45"		14.85"		14.7"		15.5"			14.2"
17"	16.45"		16.85"		16.7"		15.5"			16.2"
18"	16.45"		16.85"		16.7"		17.5"			16.2"
19"	18.45"		18.85"		18.7"		17.5"			18.2"
20"	18.45"		18.85"		18.7"		19.5"			18.2"
21"	20.45"		20.85"		20.7"		19.5"			20.2"
22"	20.45"		20.85"		20.7"		21.5"			20.2"
23"	22.45"		22.85"		22.7"		21.5"			22.2"
24"	22.45"		22.85"		22.7"		23.5"			22.2"
36"	34.45"		34.85"		34.7"		35.5"			34.2"
48"	46.45"		46.85"		46.7"		47.5"			46.2"
60"	58.45"		58.85"		58.7"		59.5"			58.2"
72"	70.45"		70.85"		70.7"		71.5"			70.2"
84"	82.45"		82.85"		82.7"		83.5"			82.2"
96"	94.45"		94.85"		94.7"		95.5"			94.2"



# Q-CAP BOXA™ STATIC COLOR

## 24VDC Flexible Fixtures

### 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	



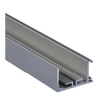
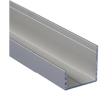




DIMMING PROTOCOL	INDOOR	OUTDOOR
	SC	SC
Non-Dim	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND	Q-SET-QZ-ND Q-SET-eLED-ND QOM-eLED-ND QZ-ND
Phase	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1	Q-SET-QZ-PH/0-10V QOM-DC+CAP QOM-PH QZ-PH/0-10V
0-10V	QT-CAB-QZ-PH/0-10V 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	




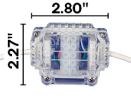


# Q-CAP BOXA™ STATIC COLOR

24VDC Flexible Fixtures

## COMPATIBLE MOUNTING ACCESSORIES

<b>Q-ANGLE</b>  Adjustable mounting accessory	<b>NJ-LARGE</b>  J Mounting Bracket	<b>NU-LARGE</b>  U Mounting Bracket	<b>SD-J-LARGE</b>  J Mounting Bracket	<b>BL-LARGE</b>  Backwards L Mounting Bracket	<b>NL-LARGE</b>  L Mounting Bracket	<b>SD-L-LARGE</b>  L Mounting Bracket	<b>iq-QCAP-UNV-CUTTER</b>  QTL recommended FC Cutter
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## COMPATIBLE WIRING ACCESSORIES

<b>Q-mini-J</b>  UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)	<b>Q-mini-J5</b>  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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## COMPATIBLE APPS

**NFC APP**  
  
Read and write DMX addresses and adjust voltage