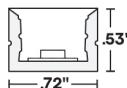
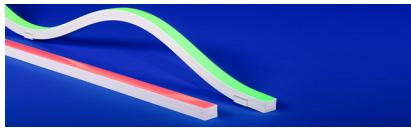




# Q-CAP BOXA™ STATIC COLOR

## 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

### ORDERING PROCESS

**A** Specify Non-Field Cuttable Q-CAP

**B** (Optional) Specify field cuttable 4' piece - used to adjust total run length in the field (dry applications only)

### A. NON-FIELD CUTTABLE Q-CAP

A1 PRODUCT	A2 MOUNTING	A3 RATED	A4 CCT	A5 WATTAGE	A6 LENS	A7 WIRE INPUT/OUTPUT	A8 CONNECTOR/WIRE IN	A9 CONNECTOR/WIRE OUT	A10 END CAPS	A11 LENGTH (IN)	A12 EXACT/OPTIMAL
BOXA-SC				5.0							

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

<b>A1</b> <b>PRODUCT</b>  BOXA-SC  See last page for compatible power supplies.	<b>A2</b> <b>MOUNTING</b>  RLC Rigid Lock Channel MC Magnetic Clip SGC Side Graze Channel PPS-2 PVC Clip PPS-96 PVC Channel PPS-LP-2 PVC Low Profile Clip PPS-LP-96 PVC Low Profile Channel WSC White Snug Clip BN-UD-SST-16' 16' BENDIT Up/Down Stainless Steel Channel BN-UD-SST-32' 32' BENDIT Up/Down Stainless Steel Channel BN-UD-WH-16' 16' BENDIT Up/Down White Stainless Channel BN-UD-WH-32' 32' BENDIT Up/Down White Stainless Channel  White snug clip only for indirect cove use, not intended for hanging fixtures upside down.  PPS mounting clip recommended for seamless applications	<b>A3</b> <b>RATED</b>  DRY IP20 WET IP67	<b>A4</b> <b>CCT</b>  A Amber B Blue G Green R Red	<b>A5</b> <b>WATTAGE</b>  5.0 5.0W-VHO VHO: Very High Output
<b>A6</b> <b>LENS</b>  ENC/CL Encapsulated in Clear ENC/TL Encapsulated in Translucent  For representation of LED visibility, see Diode Visibility section on following pages	<b>A7</b> <b>WIRE INPUT/OUTPUT</b>  S1 Single 1 (Input only) - End Feed S2 Single 2 (Input only) - Bottom Feed S3 Single 3 (Input only) - Left Side Feed S4 Single 4 (Input only) - Right Side Feed S5 Single 5 (Input only) - Seamless Feed  P1 Pass Through 1 (Input/Output) - End Feed P2 Pass Through 2 (Input/Output) - Bottom Feed P3 Pass Through 3 (Input/Output) - Left Side Feed P4 Pass Through 4 (Input/Output) - Right Side Feed P5 Pass Through 5 (Input/Output) - Seamless Feed	<b>A8</b> <b>CONNECTOR/WIRE IN</b>  BW Bare Wire (Standard 24") BRL Barrel CON6 Connector 6" CON24 Connector 24"  BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)	<b>A9</b> <b>CONNECTOR/WIRE OUT</b>  N/A Closed End (No 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)		
<b>A10</b> <b>END CAPS</b>  Single CL Clear WH White  Pass Through N/A Not Applicable	<b>A11</b> <b>LENGTH (IN)</b>  Minimum length is 12", maximum length is 191" not including end caps. Contact us for lengths under 12". Available in 2" increments.	<b>A12</b> <b>EXACT/OPTIMAL</b>  O Optimal Illumination E Exact Specified Length  Exact fixtures are the exact length specified +0 - 1/8". Optimal fixtures' length is rounded down with illumination end to end. See Exact/Optimal Fixture Length charts.		

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

### B. FIELD CUTTABLE Q-CAP

B1 PRODUCT	B2 MOUNTING	B3 RATED	B4 CCT	B5 WATTAGE	B6 LENS	B7 WIRE INPUT/OUTPUT	B8 CONNECTOR/WIRE IN	B9 CONNECTOR/WIRE OUT	B10 END CAPS	B11 LENGTH (IN)	B12 EXACT/ OPTIMAL
BOXA-FC-SC		DRY		5.0				N/A	CL	48"	N/A

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

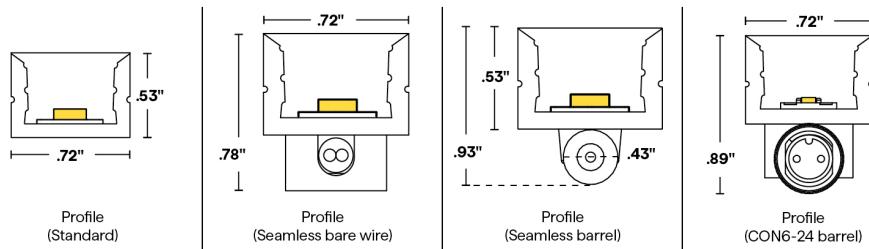
<b>B1</b> <b>PRODUCT</b>  BOXA-FC-SC  See last page for compatible power supplies.	<b>B2</b> <b>MOUNTING</b>  RLC Rigid Lock Channel MC Magnetic Clip SGC Side Graze Channel PPS-2 PVC Clip PPS-96 PVC Channel PPS-LP-2 PVC Low Profile Clip PPS-LP-96 PVC Low Profile Channel WSC White Snug Clip BN-UD-SST-16' 16' BENDIT Up/Down Stainless Steel Channel BN-UD-SST-32' 32' BENDIT Up/Down Stainless Steel Channel BN-UD-WH-16' 16' BENDIT Up/Down White Stainless Channel BN-UD-WH-32' 32' BENDIT Up/Down White Stainless Channel  White snug clip only for indirect cove use, not intended for hanging fixtures upside down.  PPS mounting clip recommended for seamless applications	<b>B3</b> <b>RATED</b>  DRY IP20	<b>B4</b> <b>CCT</b>  A Amber B Blue G Green R Red	<b>B5</b> <b>WATTAGE</b>  5.0 5.0W-VHO VHO: Very High Output
<b>B6</b> <b>LENS</b>  ENC/CL Encapsulated in Clear ENC/TL Encapsulated in Translucent  For representation of LED visibility, see Diode Visibility section on following pages	<b>B7</b> <b>WIRE INPUT/OUTPUT</b>  S1 Single 1 (Input only) - End Feed S2 Single 2 (Input only) - Bottom Feed S3 Single 3 (Input only) - Left Side Feed S4 Single 4 (Input only) - Right Side Feed S5 Single 5 (Input only) - Seamless Feed	<b>B8</b> <b>CONNECTOR/WIRE IN</b>  BW Bare Wire (Standard 24") BRL Barrel CON6 Connector 6" CON24 Connector 24"	<b>B9</b> <b>CONNECTOR/WIRE OUT</b>  N/A Closed End (No feed)	
<b>B10</b> <b>END CAPS</b>  CL Clear  Due to cutting, white endcaps are not available.	<b>B11</b> <b>LENGTH (IN)</b>  48" Nominal  Starting Run length is 48.475" for S1, S5 and 48.725" for S2, S3, S4 Each cut point subtracts from the Starting Run Length 5.0 has a 2" cut point S2, S3, & S4 can be cut down to as little as 2.725" S1 can be cut down to as little as 2.475" S5 can be cut down to as little as 6.475"	<b>B12</b> <b>EXACT/OPTIMAL</b>  N/A		



# Q-CAP BOXA™ STATIC COLOR

## 24VDC Flexible Fixtures

### 1 PRODUCT - DIMENSIONS



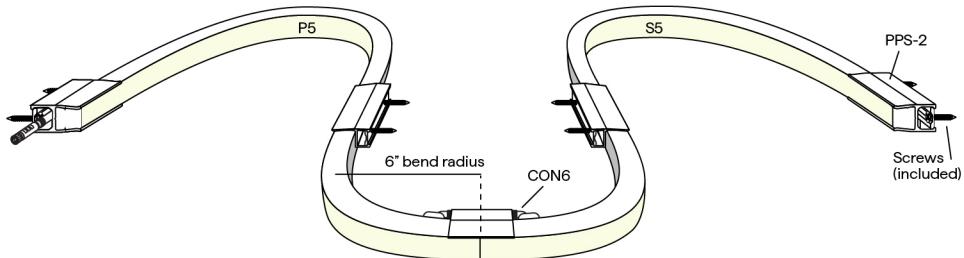
### BEND RADIUS

#### Up/Down Bend



6" bending radius

### FLEXIBILITY



### 2 MOUNTING

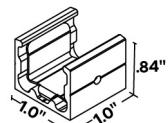
#### WSC



White Snug Clip  
Indirect uplight

To order separately use WSC

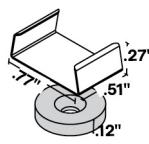
#### RLC



Rigid Lock Channel

To order separately use RLC  
Each clip comes with a #6x5/8" flat screw

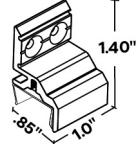
#### MC



Magnetic Clip  
Cove use only

To order separately use MC  
Each clip comes with a #6x5/8" flat screw

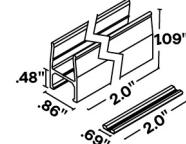
#### SGC



Side Graze Clip

To order separately use SGC  
Each clip comes with a #6x5/8" flat screw

#### PPS-2



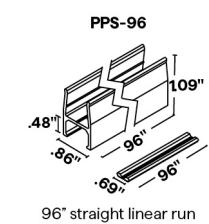
PVC Mounting Clip  
To order separately use BOXA-  
PPS2



# Q-CAP BOXA™ STATIC COLOR

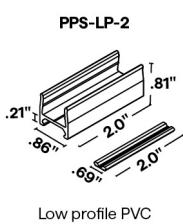
## 24VDC Flexible Fixtures

### MOUNTING CONTINUED

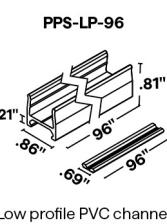


To order separately use BOXA-PPS-96

Each clip comes with a #8" flat screw

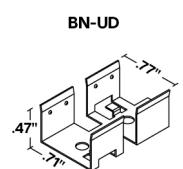


To order separately use BOXA-PPS-LP-2



To order separately use BOXA-PPS-LP-96

Each clip comes with a #8" flat screw



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	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

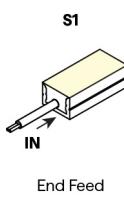
WATTAGE	B	U	G
5.0 (RED,AMBER,BLUE), 5.0 ENC/TL(GREEN)	B0	U1	G0
5.0 ENC/CL (GREEN)	B0	U1	G1

### TEMPERATURE RATINGS

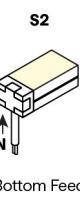
5.0 W/FT		
	Min	Max
Ambient Operating Temp - Surface	-4°F	105°F
Storage Temp	-4°F	120°F
Installation Temp	50°F	100°F

### 7 WIRE INPUT/OUTPUT

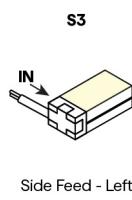
SINGLE (Input only)



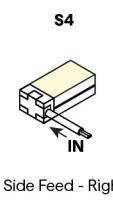
End Feed



Bottom Feed

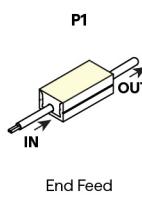


Side Feed - Left

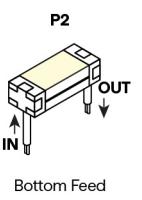


Side Feed - Right

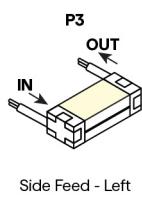
PASS THROUGH (Input/Output) - Only applicable for Non-Field Cuttable Q-CAP



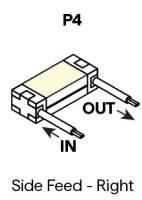
End Feed



Bottom Feed



Side Feed - Left



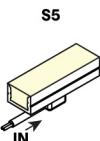
Side Feed - Right



# Q-CAP BOXA™ STATIC COLOR

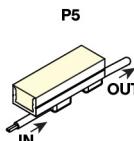
## 24VDC Flexible Fixtures

SEAMLESS SINGLE (Input only)



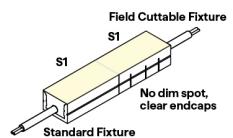
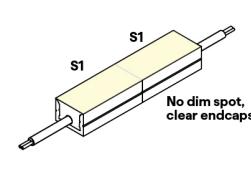
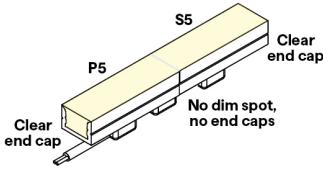
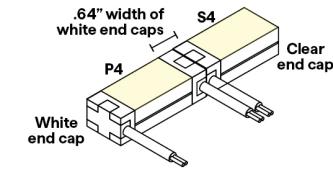
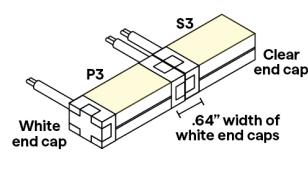
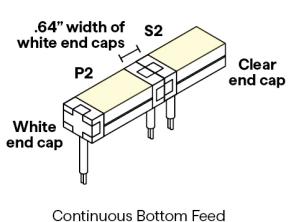
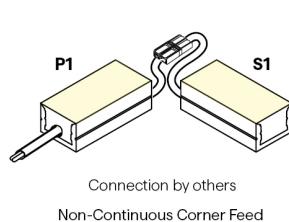
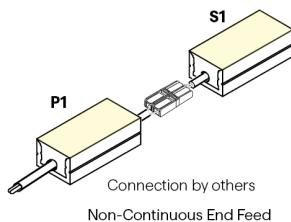
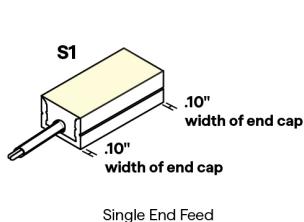
Seamless Feed

SEAMLESS PASS THROUGH (Input/Output) - Only applicable for Non-Field Cuttable Q-CAP

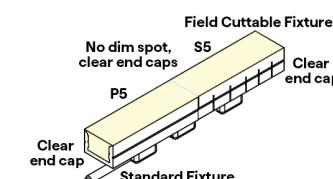


Seamless Feed

## CONFIGURATION OPTIONS

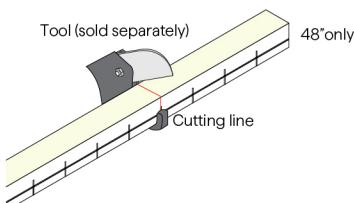


Field Cuttable - Continuous End to End Feed



Field Cuttable - Seamless Bottom Feed

## 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.

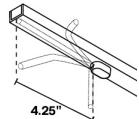


# Q-CAP BOXA™ STATIC COLOR

## 24VDC Flexible Fixtures

### SEAMLESS

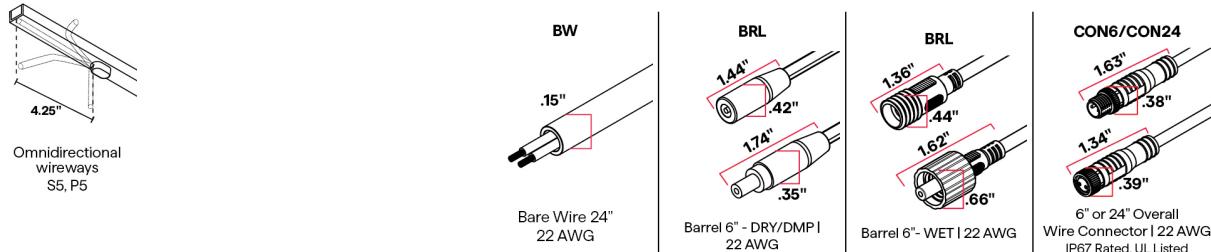
Shown with bare wire, connectors vary



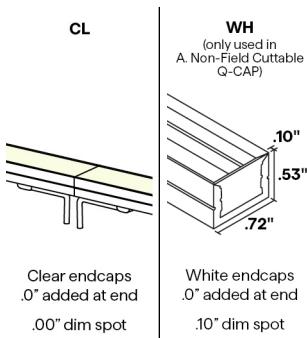
Omnidirectional  
wireways  
S5, P5

### 8 / 9 CONNECTOR/WIRE – IN/OUT

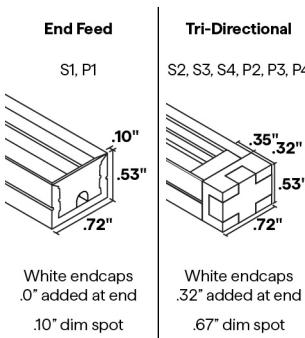
Connector/Wire In or Out not needed to specify product. Typical selection is S1 for Wire Input/Output, BW for Connector/Wire In, N/A for Connector/Wire Out, and WH for End Caps



### 10 END CAPS (NO FEED)

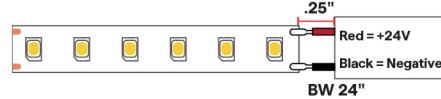


### END CAPS (WITH FEED)



### 11 LENGTH - WIRING DETAIL

Available in 2" increments 12"-191"

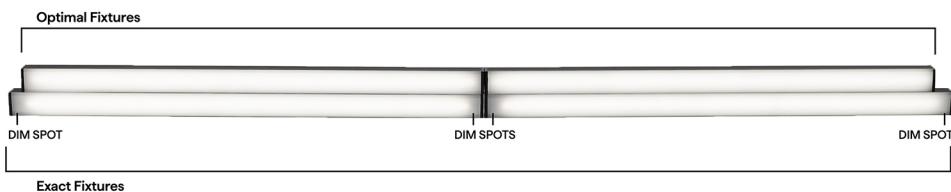


### 12 EXACT/OPTIMAL FIXTURE LENGTH

[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.





# Q-CAP BOXA™ STATIC COLOR

## 24VDC Flexible Fixtures

### 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	S1 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"		

### 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	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+10V-AWN QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V QTM-eLED+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			

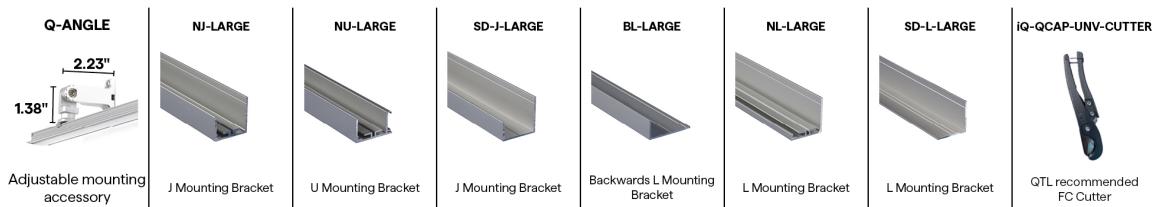


# Q-CAP BOXA™ STATIC COLOR

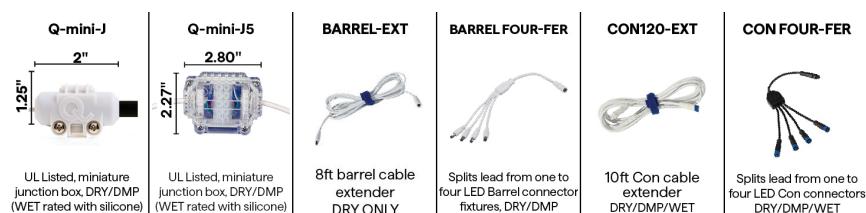
## 24VDC Flexible Fixtures

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



## COMPATIBLE WIRING ACCESSORIES





## Q-CAP BOXA™ STATIC COLOR

24VDC Flexible Fixtures

### COMPATIBLE APPS

#### NFC APP



Read and write  
DMX addresses and  
adjust voltage