

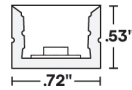
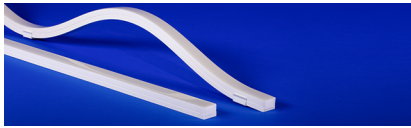


Q-CAP BOXA™ STATIC WHITE

24VDC Flexible Fixtures



Declare.



- 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
- Pair with ZALA's side bend to achieve compound curves
- 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
								N/A		48"

Sample Part Number: **BOXA-SW-PPS-2-WET-30-3.0-ENC/TL-P1-BW-BW-N/A-48"-E**

1

PRODUCT

BOXA-SW

BOXA-SW-USA

Select USA option for BA, BAA and BABA projects.

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

SBM

IP20

IP67

IP68

SBM not recommended to be used in chlorinated water.

Available only in S1 or S5 wire exits.

4

CCT

24

27

30

35

40

2400K

2700K

3000K

3500K

4000K

5

WATTAGE

1.5

3.0

5.0

1.5HE

3.0HE

6.0HE

1.5W-SO

3.0W-HO

5.0W-VHO

1.5WHE-SO

3.0WHE-HO

6.0WHE-VHO

SO: Standard Output

HO: High Output

VHO: Very High Output

SBM available only in 1.5, 3.0, & 5.0 (no HE)

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".

SW: Available in 1" increments.

SW-HE: Available in 2" increments.

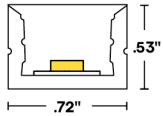
5 year warranty | Up/Down Bend | Data subject to change, all data has +/- 5% tolerance | Ambient or mounting surface must not be lower than -4°F or higher than: 1.5 - 125°F; 3.0 - 115°F; 5.0 - 108°F | Patent # D872,931 S, D847,395 S, 10,619,828 B2 | Only FC fixtures are Field-Cuttable per installation instructions | Field Cuttable is not returnable or refundable after it has been cut



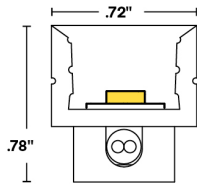
Q-CAP BOXA™ STATIC WHITE

24VDC Flexible Fixtures

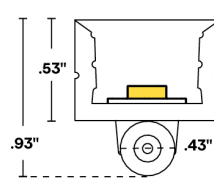
1 PRODUCT - DIMENSIONS



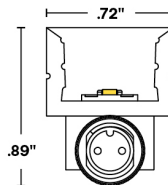
Profile
(Standard)



Profile
(Seamless bare wire)



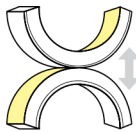
Profile
(Seamless barrel)



Profile
(CON6-24 barrel)

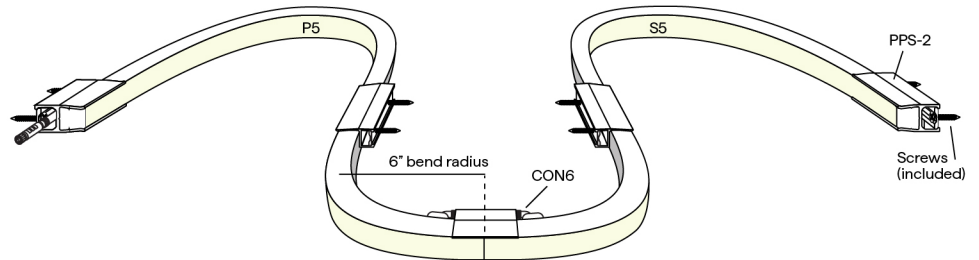
BEND RADIUS

Up/Down Bend



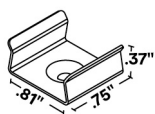
6" bending radius

FLEXIBILITY



2 MOUNTING

WSC

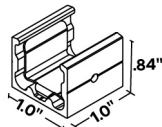


White Snug Clip
Indirect uplight

To order separately use WSC

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

RLC

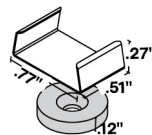


Rigid Lock Channel

To order separately use RLC

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

MC

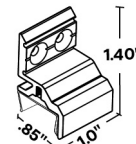


Magnetic Clip
Cove use only

To order separately use MC

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

SGC

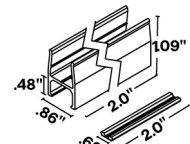


Side Graze Clip

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 WHITE

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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-SW-WSC-DRY

CCT	1.5W/FT				1.5HE W/FT				3.0W/FT				3.0HE W/FT				5.0W/FT				6.0HE W/FT			
	ENC/CL		ENC/TL		ENC/CL		ENC/TL		ENC/CL		ENC/TL		ENC/CL		ENC/TL		ENC/CL		ENC/TL		ENC/CL		ENC/TL	
	LM	CRI	LM	CRI	LM	CRI	LM	CRI	LM	CRI	LM	CRI	LM	CRI	LM	CRI	LM	CRI	LM	CRI	LM	CRI	LM	CRI
2400K	131	95	103	94	178	93	126	92	231	93	184	93	336	93	257	93	320	94	265	94	581	93	434	93
2700K	125	97	102	97	165	95	120	96	238	99	188	98	314	96	238	96	324	98	280	98	565	96	416	96
3000K	133	99	108	98	163	96	134	96	242	98	198	98	319	96	269	97	337	98	294	98	580	96	464	97
3500K	142	96	114	96	196	98	152	98	242	96	204	97	369	98	282	98	350	97	285	97	662	98	495	98
4000K	148	95	120	96	174	97	158	97	263	96	207	97	356	97	300	97	364	97	305	97	611	97	512	97

6 DIODE VISIBILITY

ENC/CL - Clear encapsulation

ENC/TL - Translucent encapsulation

TEMPERATURE RATINGS

	1.5 W/FT		1.5 HE W/FT		3.0 W/FT		3.0 HE W/FT		5.0 W/FT		6.0 HE W/FT	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
Ambient Operating Temp - Surface	-4°F	130°F	-4°F	140°F	-4°F	125°F	-4°F	125°F	-4°F	105°F	-4°F	95°F
Storage Temp	-4°F	140°F	-4°F	140°F	-4°F	140°F	-4°F	140°F	-4°F	140°F	-4°F	140°F
Installation Temp	50°F	100°F	50°F	100°F	50°F	100°F	50°F	100°F	50°F	100°F	50°F	100°F

BUG RATING

WATTAGE				B	U	G
1.5 (ALL CCTs), 3.0 (ALL CCTs), 5.0 (ALL CCTs)				BO	U1	G0
1.5HE (ALL CCTs), 3.0HE (ALL CCTs), 6.0HE ENC/TL (2400K, 2700K, 3000K, 4000K)				BO	U1	G0
6.0HE ENC/CL (2400K, 2700K, 3000K), 6.0HE ENC/TL (3500K)				BO	U1	G1
6.0HE ENC/CL (3500K, 4000K)				BO	U2	G1

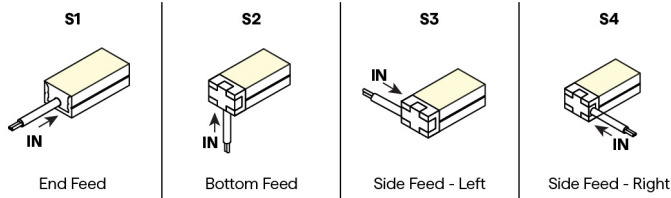


Q-CAP BOXA™ STATIC WHITE

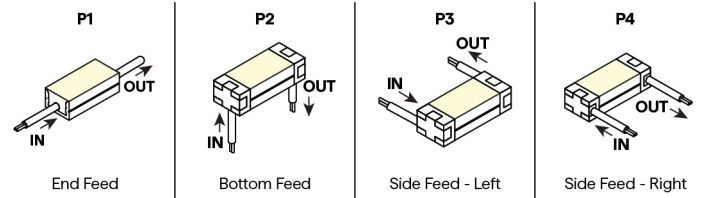
24VDC Flexible Fixtures

7 WIRE INPUT/OUTPUT

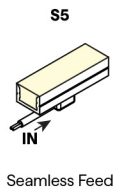
SINGLE (Input only)



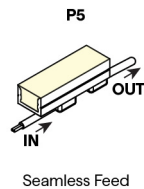
PASS THROUGH (Input/Output)



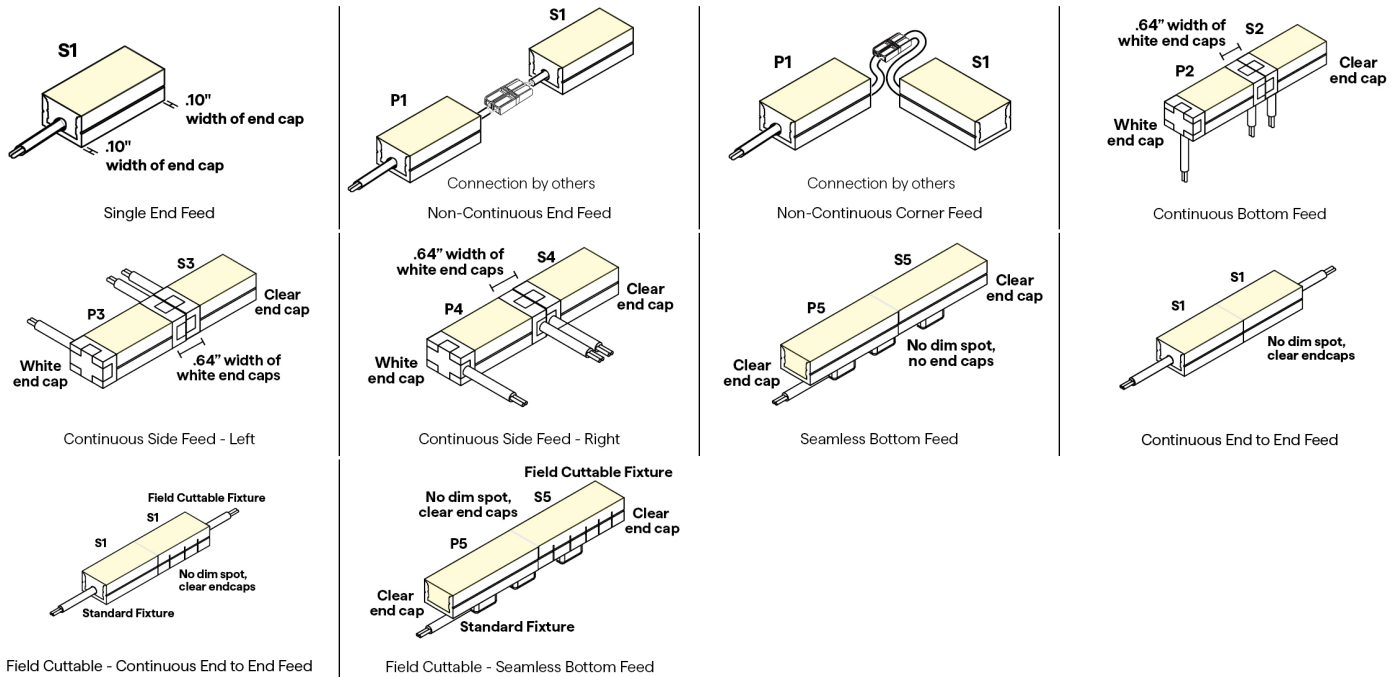
SEAMLESS SINGLE (Input only)



SEAMLESS PASS THROUGH (Input/Output)



CONFIGURATION OPTIONS

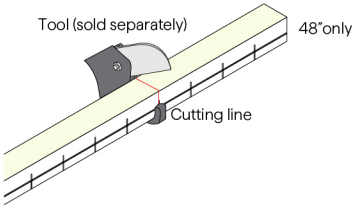




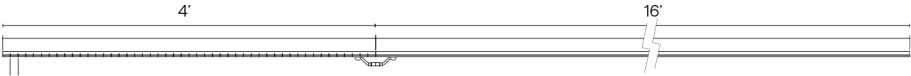
Q-CAP BOXA™ STATIC WHITE

24VDC Flexible Fixtures

FIELD CUTTABLE MARKING



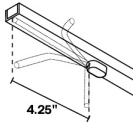
Field cuttable fixtures are sold in 4' increments and go at the end of a run, allowing for easy field adjustment



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

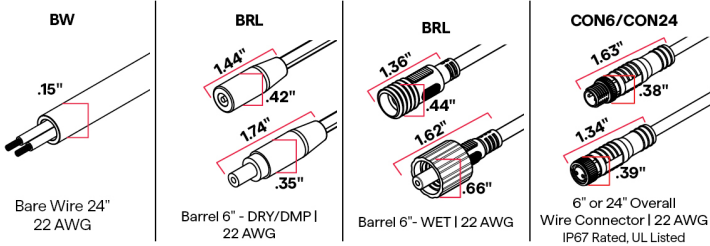
Shown with bare wire, connectors vary



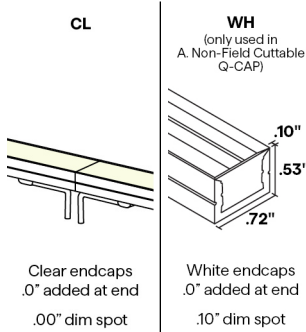
Omnidirectional wireways
S5, P5

8 / 9 CONNECTOR/WIRE - IN/OUT

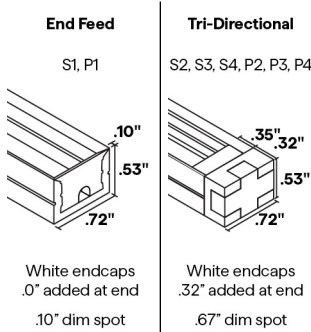
Connector/Wire In or Out not needed to specify product. Typical selection is S1 for Wire Input/Output, BW for Connector/Wire In, N/A for Connector/Wire Out, and WH for End Caps



10 END CAPS (NO FEED)

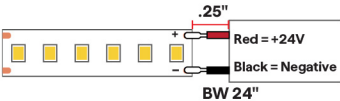


END CAPS (WITH FEED)

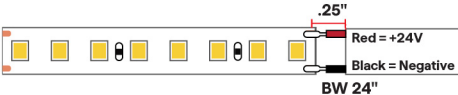


11 LENGTH - WIRING DETAIL

1.5W, 3.0W, 5.0W | Available in 1" increments 12"-191"



1.5HEW, 3.0HEW, 6.0HEW | Available in 2" increments 12"-191"

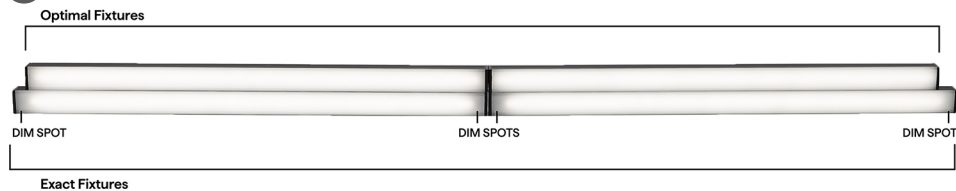




Q-CAP BOXA™ STATIC WHITE

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.

SW 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
12"	.5"
13"	.5"
14"	.5"
15"	.5"
16"	.5"
17"	.5"
18"	.5"
19"	.5"
20"	.5"
21"	.5"
22"	.5"
23"	.5"
24"	.5"
36"	.5"
48"	.5"
60"	.5"
72"	.5"
84"	.5"
96"	.5"

OPTIMAL LENGTH

Requested Nominal Length	S1				S2 & S3 & S4				P1				P2 & P3 & P4				S5 & P5	
	S1	S2	S3	S4	S2	S3	S4	P1	P2	P3	P4	S5	P5	P2	P3	P4	S5	P5
12"	11.45"							11.7"										
13"	12.45"							12.7"										
14"	13.45"							13.7"										
15"	14.45"							14.7"										
16"	15.45"							15.7"										
17"	16.45"							16.7"										
18"	17.45"							17.7"										
19"	18.45"							18.7"										
20"	19.45"							19.7"										
21"	20.45"							20.7"										
22"	21.45"							21.7"										
23"	22.45"							22.7"										
24"	23.45"							23.7"										
36"	35.45"							35.7"										
48"	47.45"							47.7"										
60"	59.45"							59.7"										
72"	71.45"							71.7"										
84"	83.45"							83.7"										
96"	95.45"							95.7"										



Q-CAP BOXA™ STATIC WHITE

24VDC Flexible Fixtures

SW-HE 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
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		S2 & S3 & S4		P1		P2 & P3 & P4				S5 & P5	
	 End Feed	 Bottom Feed	 Side Feed - Left	 Side Feed - Right	 End Feed	 Bottom Feed	 Side Feed - Left	 Side Feed - Right	 Seamless Feed	 Seamless Feed		
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	
	SW24/1.5-4.0	SW24/5.0, SW-HE, SW-HE+	SW24/1.5-4.0	SW24/5.0, SW-HE, SW-HE+
Dim to Black	Q6M-DC+CAP QTM-DC+CAP iQ-PH iQ-PH+QD1	Q6M-DC+CAP QTM-DC+CAP iQ-PH iQ-PH+QD1	QOM-DC+CAP QOM-PH	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	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	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	QTM-eLED(E) QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QZ-DALI-DT6
10%	Non-Dim Power Supply with SW App Dongle	Non-Dim Power Supply with SW App Dongle	Q-HEX-mini-DC Q-SET-mLED	

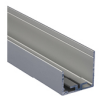
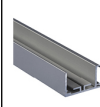
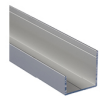
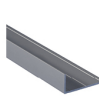
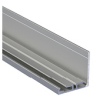
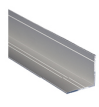


Q-CAP BOXA™ STATIC WHITE

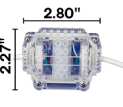
24VDC Flexible Fixtures

DIMMING PROTOCOL	INDOOR		OUTDOOR	
	SW24/1.5-4.0	SW24/5.0, SW-HE, SW-HE+	SW24/1.5-4.0	SW24/5.0, SW-HE, SW-HE+
Non-Dim	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND	Q-SET-QZ-ND Q-SET-eLED-ND QOM-eLED-ND QZ-ND iQ-ND-50-65	Q-SET-QZ-ND Q-SET-eLED-ND QOM-eLED-ND QZ-ND iQ-ND-50-65
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 iQ-PH+QD1	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 iQ-PH+QD1	Q-HEX-mini-DC Q-SET-QZ-PH/0-10V Q-SET-mLED QOM-DC+CAP QOM-PH QZ-PH/0-10V	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	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	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	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)	QTM-eLED(E)		
DMX	QZ-DMX	QZ-DMX	Q-SET-QZ-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	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	Q-SET+QZ-DALI-DT6 QOM-eLED+DALI-DT6 QZ-DALI-DT6
SCENE App Dimmed	Non-Dim Power Supply with SW App Dongle	Non-Dim Power Supply with SW App Dongle		

COMPATIBLE MOUNTING ACCESSORIES

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

Q-mini-J  UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)	Q-mini-J5  UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)	BARREL-EXT  8ft barrel cable extender DRY ONLY	BARREL FOUR-FER  Splits lead from one to four LED Barrel connector fixtures, DRY/DMP	CON120-EXT  10ft Con cable extender DRY/DMP/WET	CON FOUR-FER  Splits lead from one to four LED Con connectors DRY/DMP/WET
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Q-CAP BOXA™ STATIC WHITE

24VDC Flexible Fixtures

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE



Wi-Fi or Bluetooth
Connectivity

COMPATIBLE APPS

NFC APP



Read and write
DMX addresses and
adjust voltage