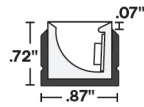


## Q-CAP KURV™-BK STATIC WHITE

## 24VDC Flexible Fixtures



- Flexible encapsulated fixture with black housing
- Side bend
- 10" bend radius
- Interior and exterior rated
- Five different mounting options
- Available in a seamless configuration for a continuous line of light
- Utilize clear endcaps for continuous runs
- Q-CAP flexible fixtures are not field cuttable
- IK10 impact rated

### INFORMATION REQUIRED FOR LIGHTING SCHEDULE

1	2	3	4	5	6
PRODUCT	MOUNTING	RATED	CCT	WATTAGE	LENS

**ADDITIONAL INFORMATION REQUIRED TO ORDER**

7	8	9	10	11	12
WIRE INPUT/ OUTPUT	CONNECTOR/ WIRE IN	CONNECTOR/ WIRE OUT	END CAPS	LENGTH (IN)	EXACT/ OPTIMAL

Sample Part Number: **KURV-BK-SW-PPS-2-DRY-30-5.0-ENC/TL-P1-BW-BW-N/A-48"-E**

1

PRODUCT

KURV-BK-SW

KURV-BK-SW-USA

Select USA option for BA, BAA and BABA projects.

See last page for compatible power supplies.

2

MOUNTING

PL

PPS-2

PPS-96

BN-SB-BK-16'

BN-SB-BK-32'

Plastic Clip

PVC Clip

PVC Channel

16' BENDIT Side Black Stainless Channel

32' BENDIT Side Black Stainless Channel

PPS mounting clip recommended for seamless applications

3

RATED

DRY

WET

IP20

IP67

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

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

SINGLE (Input only)

PASS THROUGH (Input/Output)

S1

S2

S3

S4

S5

S6

P1

P2

P3

P4

P5

P6

End Feed

Bottom Feed

Left Side Feed

Right Side Feed

Seamless Feed

Seamless Feed

End Feed

Bottom Feed

Left Side Feed

Right Side Feed

Seamless Feed

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

BW

BRL

CON6

CON24

Closed End (No feed)

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)

10

END CAPS

CL

BK

N/A

Clear

Black

Not Applicable

11

LENGTH (IN)

Minimum length is 12", maximum length is 188" not including end caps. Contact us for lengths under 12".

SW: Available in 1" increments.

SW-HE: Available in 2" increments.

12

EXACT/OPTIMAL

O

E

Optimal Illumination

Exact Specified Length

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.

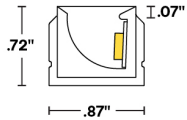
5 year warranty | Field modifications are not covered under QTL warranty | Side Bend | Data subject to change, all data has +/- 5% tolerance | PPS-FT is to be cut at QTL to requested length | Ambient or mounting surface must not be lower than -4°F or higher than: SO - 125°F; HO - 115°F; VHO - 108°F | Not field cuttable



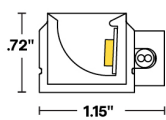
# Q-CAP KURV™-BK STATIC WHITE

24VDC Flexible Fixtures

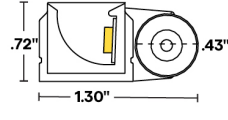
## 1 PRODUCT - DIMENSIONS



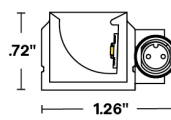
Profile  
(Standard)



Profile  
(Seamless bare wire)



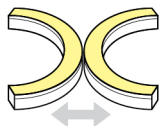
Profile  
(Seamless barrel)



Profile  
(Seamless CON6-24)

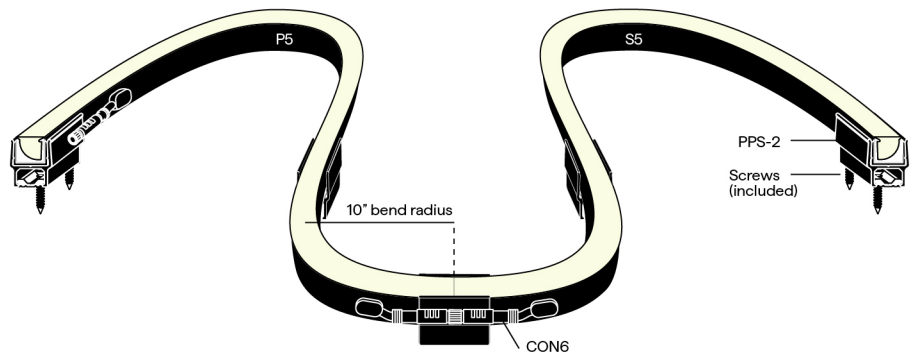
## BEND RADIUS

Side Bend



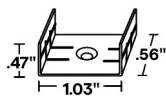
10" bending radius

## FLEXIBILITY



## 2 MOUNTING

PL

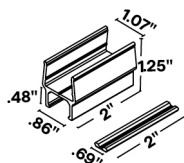


Plastic Clip  
Black clip standard with  
black extrusion

To order separately use PLC-03-BK

Each clip comes with a #4x5/8" flat screw

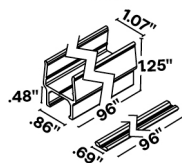
PPS-2



PVC Mounting Clip

To order separately use KURV-BK-PPS-2

PPS-96

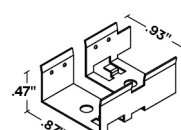


96" straight linear run

To order separately use KURV-BK-PPS-96

Each clip comes with a #8" flat screw

BN-SB



BENDIT Channel  
Horizontal Stainless Steel  
Flexible Channel

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

To order separately use either STND-QCAP-BN-SB-W-BK-16', or STND-QCAP-BN-SB-W-BK-32'

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



# Q-CAP KURV™-BK STATIC WHITE

## 24VDC Flexible Fixtures





### 4 / 5 DELIVERED LUMENS

### 6 DIODE VISIBILITY

[Calculated L70 = 40000 hrs]  
Tested with KURV-BK-SW-PL-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	109	94	102	95	132	93	132	92	195	93	180	93	269	94	267	93	271	94	258	95	460	93	455	92
2700K	108	97	101	97	150	95	143	95	205	97	192	98	276	96	259	94	275	99	243	99	483	96	459	97
3000K	116	98	107	98	146	97	158	95	209	98	194	98	302	97	286	96	292	98	271	97	513	97	500	96
3500K	119	96	113	95	156	98	141	98	210	96	200	97	289	98	289	98	300	97	291	96	545	98	476	97
4000K	127	96	120	96	146	97	126	97	227	97	211	97	295	97	255	97	291	97	281	97	513	97	441	97

### 6 DIODE VISIBILITY

	SW	SW-HE
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	135°F	-4°F	140°F	-4°F	125°F	-4°F	125°F	-4°F	110°F	-4°F	100°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

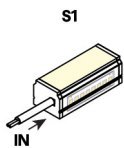


# Q-CAP KURV™-BK STATIC WHITE

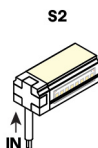
24VDC Flexible Fixtures

## 7 WIRE INPUT/OUTPUT

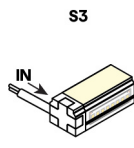
SINGLE (Input only)



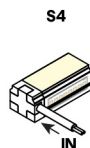
End Feed



Bottom Feed

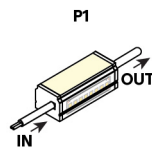


Side Feed - Left

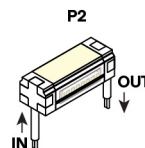


Side Feed - Right

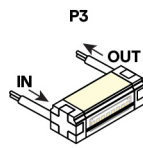
PASS THROUGH (Input/Output)



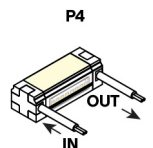
End Feed



Bottom Feed

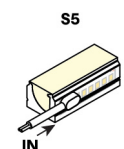


Side Feed - Left

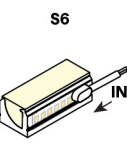


Side Feed - Right

SEAMLESS SINGLE (Input only)

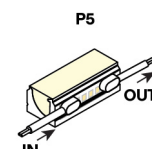


Seamless Feed

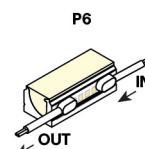


Seamless Feed

SEAMLESS PASS THROUGH (Input/Output)

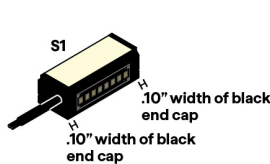


Seamless Feed

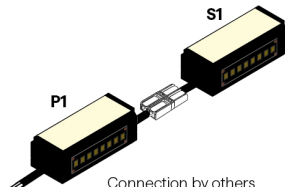


Seamless Feed

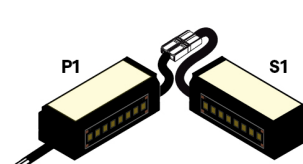
## CONFIGURATION OPTIONS



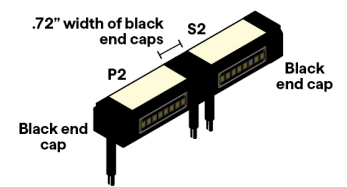
Single End Feed



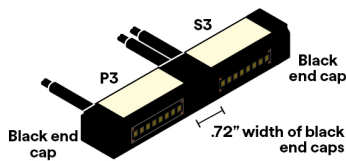
Connection by others  
Non-Continuous End Feed



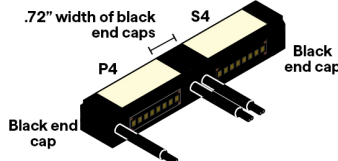
Connection by others  
Non-Continuous Corner Feed



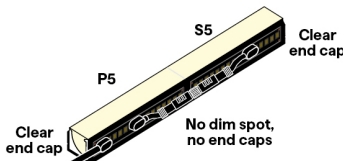
Continuous Bottom Feed



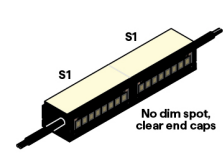
Continuous Side Feed - Left



Continuous Side Feed - Right



Seamless Side Feed



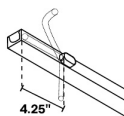
Continuous End to End Feed

## SEAMLESS

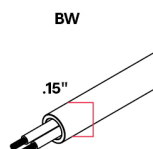
## 8 / 9 CONNECTOR/WIRE - IN/OUT

Shown with bare wire, connectors vary

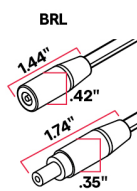
Connector/Wire In or Out not needed to specify product. Typical selection is S1 for Wire Input/Output, BW for Connector/Wire In, N/A for Connector/Wire Out, and BK for End Caps



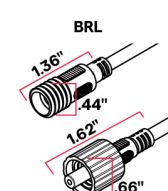
Omnidirectional wireways  
S5, S6, P5, P6



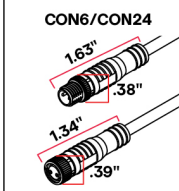
Bare Wire 24"  
22 AWG



Barrel 6" - DRY/DMP |  
22 AWG



Barrel 6" - WET | 22 AWG



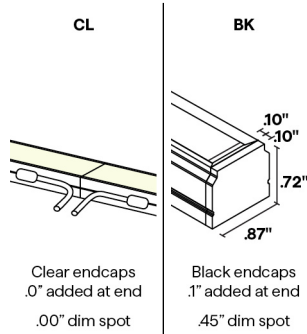
6" or 24" Overall  
Wire Connector | 22 AWG  
IP67 Rated, UL Listed



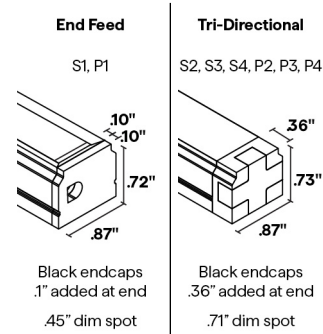
# Q-CAP KURV™-BK STATIC WHITE

## 24VDC Flexible Fixtures

### 10 END CAPS (NO FEED)

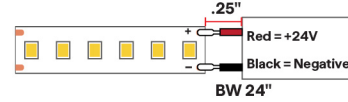


### END CAPS (WITH FEED)

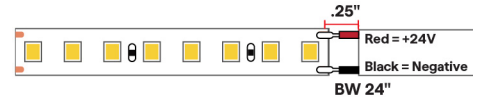


### 11 LENGTH - WIRING DETAIL

1.5W, 3.0W, 5.0W | Available in 1" increments 12"-188"



1.5HEW, 3.0HEW, 6.0HEW | Available in 2" increments 12"-188"

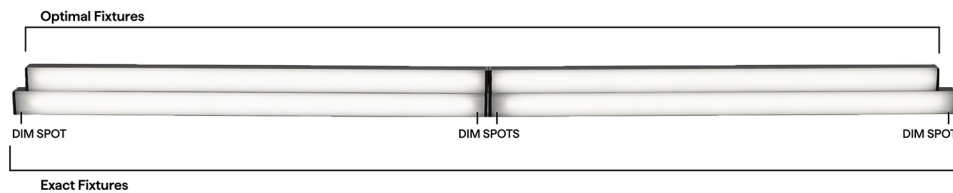


### 12 EXACT/OPTIMAL FIXTURE LENGTH

[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.



## 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 with S1 wireway
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 S1 End Feed	S2 S2 Bottom Feed	S3 S3 Side Feed - Left	S4 S4 Side Feed - Right	P1 P1 End Feed	P2 P2 Bottom Feed	P3 P3 Side Feed - Left	P4 P4 Side Feed - Right	S5 S5 Seamless Feed	P5 P5 Seamless Feed
12"	11.65"		11.99"		11.9"		11.58"		11.4"	
13"	12.65"		12.99"		12.9"		12.58"		12.4"	
14"	13.65"		13.99"		13.9"		13.58"		13.4"	
15"	14.65"		14.99"		14.9"		14.58"		14.4"	
16"	15.65"		15.99"		15.9"		15.58"		15.4"	
17"	16.65"		16.99"		16.9"		16.58"		16.4"	
18"	17.65"		17.99"		17.9"		17.58"		17.4"	
19"	18.65"		18.99"		18.9"		18.58"		18.4"	
20"	19.65"		19.99"		19.9"		19.58"		19.4"	
21"	20.65"		20.99"		20.9"		20.58"		20.4"	
22"	21.65"		21.99"		21.9"		21.58"		21.4"	
23"	22.65"		22.99"		22.9"		22.58"		22.4"	
24"	23.65"		23.99"		23.9"		23.58"		23.4"	
36"	35.65"		35.99"		35.9"		35.58"		35.4"	
48"	47.65"		47.99"		47.9"		47.58"		47.4"	
60"	59.65"		59.99"		59.9"		59.58"		59.4"	
72"	71.65"		71.99"		71.9"		71.58"		71.4"	
84"	83.65"		83.99"		83.9"		83.58"		83.4"	
96"	95.65"		95.99"		95.9"		95.58"		95.4"	



# Q-CAP KURV™-BK 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 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		S2 & S3 & S4		P1	P2 & P3 & P4		S5 & S6 & P5 & P6	
	S1	S2	S3	S4	P1	P2	P3	S5	P5
12"	10.65"		11.05"		10.9"		11.7"		10.4"
13"	12.65"		11.05"		12.9"		11.7"		12.4"
14"	12.65"		13.05"		12.9"		13.7"		12.4"
15"	14.65"		13.05"		14.9"		13.7"		14.4"
16"	14.65"		15.05"		14.9"		15.7"		14.4"
17"	16.65"		15.05"		16.9"		15.7"		16.4"
18"	16.65"		17.05"		16.9"		17.7"		16.4"
19"	18.65"		17.05"		18.9"		17.7"		18.4"
20"	18.65"		19.05"		18.9"		19.7"		18.4"
21"	20.65"		19.05"		20.9"		19.7"		20.4"
22"	20.65"		21.05"		20.9"		21.7"		20.4"
23"	22.65"		21.05"		22.9"		21.7"		22.4"
24"	22.65"		23.05"		22.9"		23.7"		22.4"
36"	34.65"		35.05"		34.9"		35.7"		34.4"
48"	46.65"		47.05"		46.9"		47.7"		46.4"
60"	58.65"		59.05"		58.9"		59.7"		58.4"
72"	70.65"		71.05"		70.9"		71.7"		70.4"
84"	82.65"		83.05"		82.9"		83.7"		82.4"
96"	94.65"		95.05"		94.9"		95.7"		94.4"

### 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	


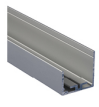
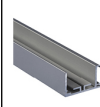
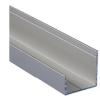
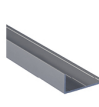
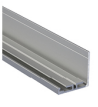
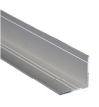


# Q-CAP KURV™-BK STATIC WHITE


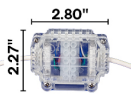




24VDC Flexible Fixtures

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	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 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	NJ-LARGE	NU-LARGE	SD-J-LARGE	BL-LARGE	NL-LARGE	SD-L-LARGE
						
Adjustable mounting accessory	J Mounting Bracket	U Mounting Bracket	J Mounting Bracket	Backwards L Mounting Bracket	L Mounting Bracket	L Mounting Bracket

## COMPATIBLE WIRING ACCESSORIES

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



## Q-CAP KURV™-BK STATIC WHITE

24VDC Flexible Fixtures

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### COMPATIBLE CONTROL ACCESSORIES

#### SCENE APP DONGLE



Wi-Fi or Bluetooth  
Connectivity

### COMPATIBLE APPS

#### NFC APP



Read and write  
DMX addresses and  
adjust voltage