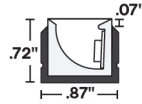
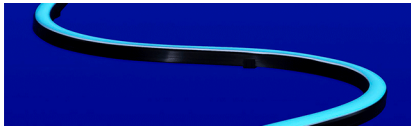




Q-CAP KURV™-BK STATIC COLOR

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

1	2	3	4	5	6	7	8	9	10	11	12
PRODUCT	MOUNTING	RATED	CCT	WATTAGE	LENS	WIRE INPUT/ OUTPUT	CONNECTOR/ WIRE IN	CONNECTOR/ WIRE OUT	END CAPS	LENGTH (IN)	EXACT/ OPTIMAL
KURV-BK-SC				5.0							

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

1

PRODUCT

KURV-BK-SC

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

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

S6

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

Single 6 (Input only) - Seamless Feed

P1

P2

P3

P4

P5

P6

Pass Through 1 (Input/Output) - End Feed

Pass Through 2 (Input/Output) - Bottom Feed

Pass Through 3 (Input/Output) - Left Side Feed

Pass Through 4 (Input/Output) - Right Side Feed

Pass Through 5 (Input/Output) - Seamless Feed

Pass Through 6 (Input/Output) - 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)

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)

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)

10

END CAPS

CL

BK

Clear

Black

N/A

Not Applicable

11

LENGTH (IN)

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

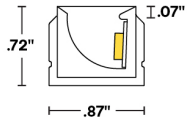
5 year warranty | Field modifications are not covered under QTL warranty | Side Bend | Data subject to change, all data has +/- 5% tolerance | PPS-FT is to be cut at QTL to requested length | Not field cuttable



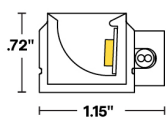
Q-CAP KURV™-BK STATIC COLOR

24VDC Flexible Fixtures

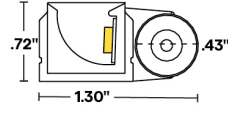
1 PRODUCT - DIMENSIONS



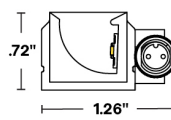
Profile
(Standard)



Profile
(Seamless bare wire)



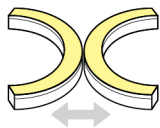
Profile
(Seamless barrel)



Profile
(Seamless CON6-24)

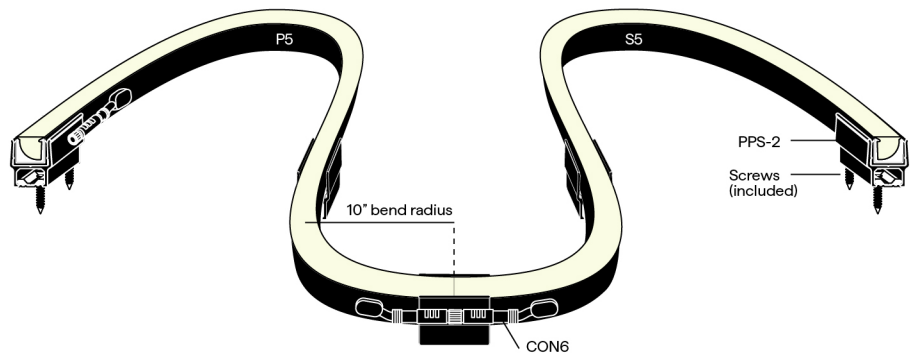
BEND RADIUS

Side Bend



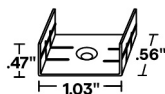
10" bending radius

FLEXIBILITY



2 MOUNTING

PL

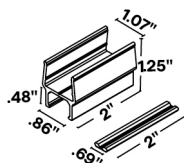


Plastic Clip
Black clip standard with
black extrusion

To order separately use PLC-03-BK

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

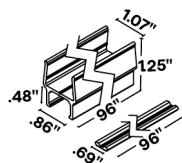
PPS-2



PVC Mounting Clip

To order separately use KURV-BK-PPS-2

PPS-96

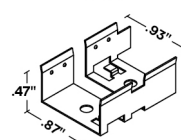


96" straight linear run

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 COLOR

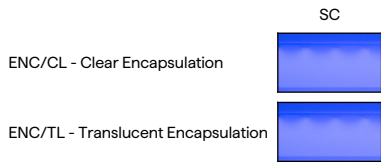
24VDC Flexible Fixtures

4 / 5 DELIVERED LUMENS

[Calculated L70 = 40000 hrs]
Tested with KURV-BK-SC-PL-DRY

CCT	5.0W/FT			
	ENC/CL		ENC/TL	
	LM	Wavelength	LM	Wavelength
Red	90	632	85	633
Green	419	520	355	519
Blue	95	466	86	468
Amber	85	595	72	594

6 DIODE VISIBILITY

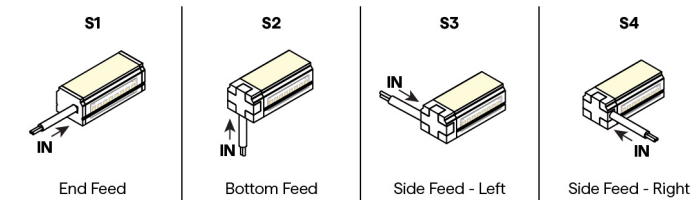


TEMPERATURE RATINGS

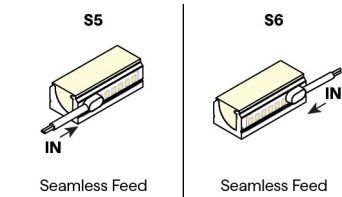
	5.0 W/FT	
	Min	Max
Ambient Operating Temp - Surface	-4°F	110°F
Storage Temp	-4°F	140°F
Installation Temp	50°F	100°F

7 WIRE INPUT/OUTPUT

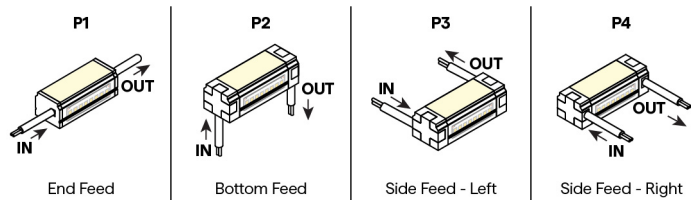
SINGLE (Input only)



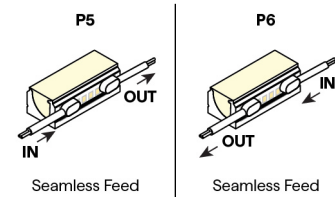
SEAMLESS SINGLE (Input only)



PASS THROUGH (Input/Output)



SEAMLESS PASS THROUGH (Input/Output)

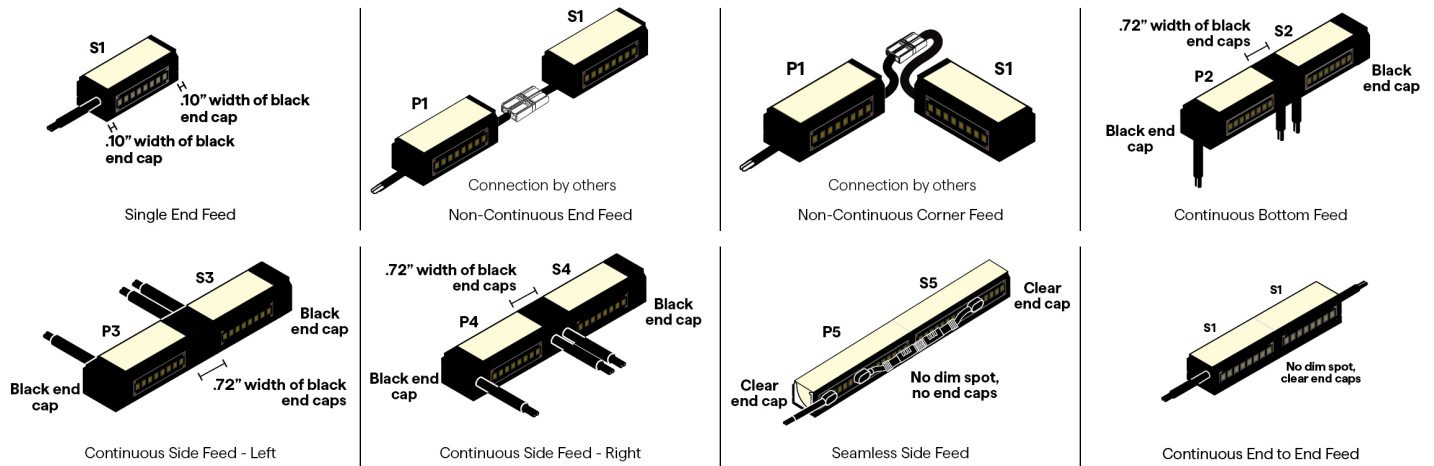




Q-CAP KURV™-BK STATIC COLOR

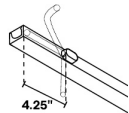
24VDC Flexible Fixtures

CONFIGURATION OPTIONS



SEAMLESS

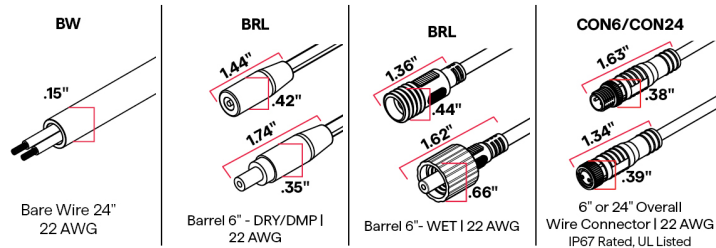
Shown with bare wire, connectors vary



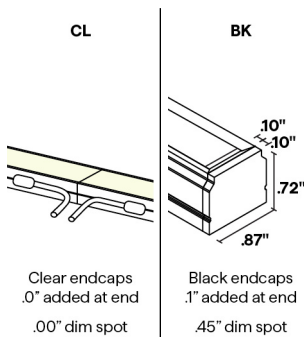
Omnidirectional wireways
S5, S6, P5, P6

8 / 9 CONNECTOR/WIRE - IN/OUT

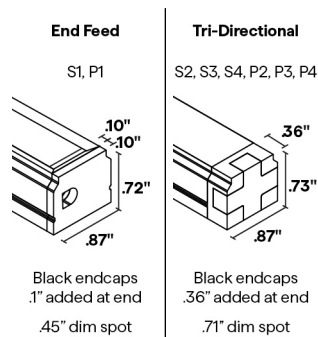
Connector/Wire In or Out not needed to specify product. Typical selection is S1 for Wire Input/Output, BW for Connector/Wire In, N/A for Connector/Wire Out, and BK for End Caps



10 END CAPS (NO FEED)

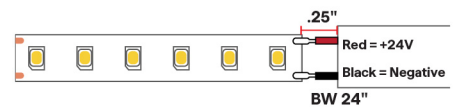


END CAPS (WITH FEED)



11 LENGTH - WIRING DETAIL

Available in 2" increments 12"-188"





Q-CAP KURV™-BK STATIC COLOR

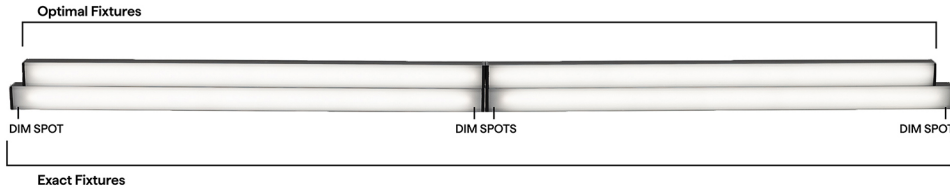
24VDC Flexible Fixtures

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.



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		S2 & S3 & S4		P1		P2 & P3 & P4		S5 & S6 & P5 & P6	
	S1	S2	S3	S4	P1	P2	P3	P4	S5	P6
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
	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-AWNN QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWNN QTM-eLED+0-10V QTM-eLED+0-10V-AWNN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWNN 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	


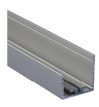
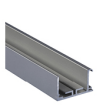
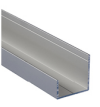
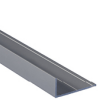
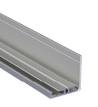
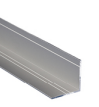


Q-CAP KURV™-BK STATIC COLOR


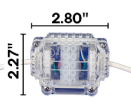




24VDC Flexible Fixtures

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

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
--	--	--	--	--	--	---

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 KURV™-BK STATIC COLOR

24VDC Flexible Fixtures

COMPATIBLE APPS

NFC APP



Read and write
DMX addresses and
adjust voltage