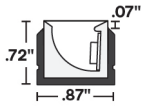
Q-CAP KURV™-BK STATIC WHITE

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 PRODUCT	2 MOUNTING	3 RATED	4 CCT	5 WATTAGE	6 LENS

ADDITIONAL INFORMATION REQUIRED TO ORDER

7 WIRE INPUT/ OUTPUT	8 CONNECTOR/ WIRE IN	9 CONNECTOR/ WIRE OUT	10 END CAPS	11 LENGTH (IN)	12 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	Plastic Clip
PPS-2	PVC Clip
PPS-96	PVC Channel
BN-SB-BK-16'	16' BENDIT Side Black Stainless Channel
BN-SB-BK-32'	32' BENDIT Side Black Stainless Channel

PPS mounting clip recommended for seamless applications

3 RATED

DRY	IP20
WET	IP67

4 CCT

22	2200K
24	2400K
27	2700K
30	3000K
35	3500K
40	4000K

5 WATTAGE

1.5	1.5W-SO
3.0	3.0W-HO
5.0	5.0W-VHO
1.5HE	1.5WHE-SO
3.0HE	3.0WHE-HO
6.0HE	6.0WHE-VHO

SO: Standard Output
HO: High Output
VHO: Very High Output

6 LENS

ENC/CL	Encapsulated in Clear
ENC/TL	Encapsulated in Translucent

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

7 WIRE INPUT/OUTPUT

SINGLE (Input only)

S1	End Feed
S2	Bottom Feed
S3	Left Side Feed
S4	Right Side Feed
S5	Seamless Feed
S6	Seamless Feed

PASS THROUGH (Input/Output)

P1	End Feed
P2	Bottom Feed
P3	Left Side Feed
P4	Right Side Feed
P5	Seamless Feed
P6	Seamless Feed

8 CONNECTOR/WIRE IN

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)

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)

9 CONNECTOR/WIRE OUT

N/A	Closed End (No feed)

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)

10 END CAPS

Single

CL	Clear
BK	Black

Pass Through

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".
SW: Available in 1" increments.
SW-HE: Available in 2" increments.

12 EXACT/OPTIMAL

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 | Field modifications are not covered under QTL warranty | Side Bend | Data subject to change, all data has +/- 5% tolerance | 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

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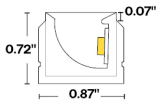
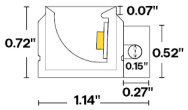
24VDC Flexible Fixtures

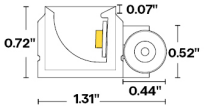
1 PRODUCT - DIMENSIONS



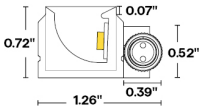
Profile
(Standard)



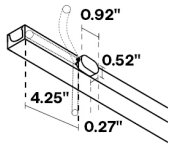
Profile
(Seamless bare wire)



Profile
(Seamless barrel)



Profile
(Seamless CON6-24)

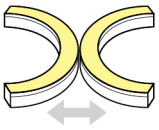


Seamless Omnidirectional wireways (S5, P5, S6, P6)

Shown with bare wire connectors vary

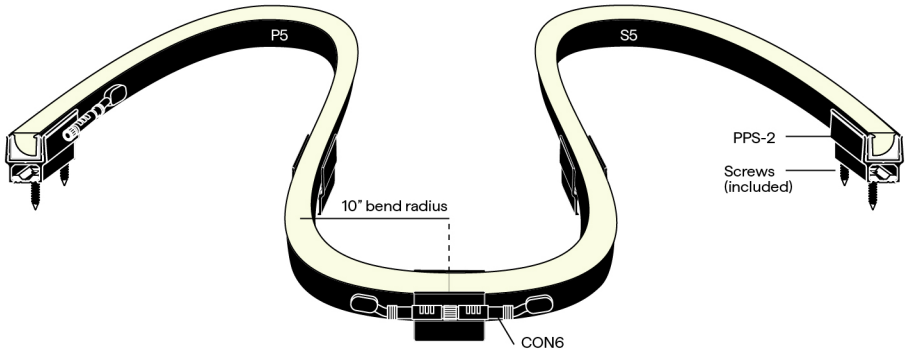
BEND RADIUS

Side Bend



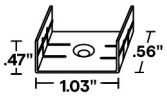
10" bending radius

FLEXIBILITY



2 MOUNTING

PL

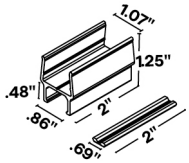


Plastic Clip
Black clip standard with black extrusion

To order separately use PLC-03-BK

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

PPS-2

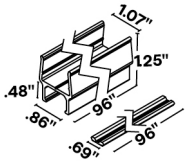


PVC Mounting Clip

To order separately use KURV-BK-PPS-2

PPS kit quantity: **(2 kits per ft) + 1.**
For example: 1 ft = (2 × 1) + 1 = 3 PPS kits provided.

PPS-96



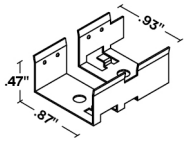
96" straight linear run

To order separately use KURV-BK-PPS-96

PPS kit quantity: **(2 kits per ft) + 1.**
For example: 1 ft = (2 × 1) + 1 = 3 PPS kits provided.

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'

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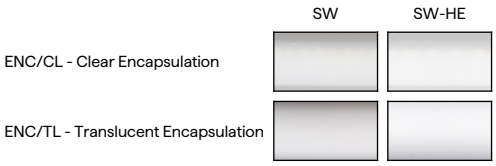
4/5 DELIVERED LUMENS

[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
2200K	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
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



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

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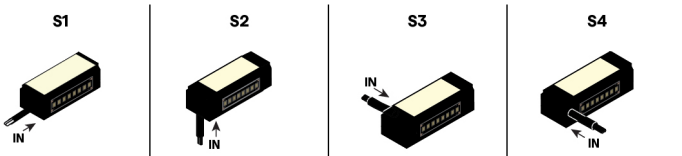
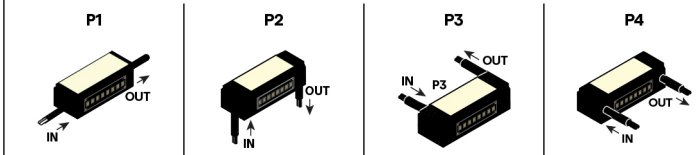
7 WIRE INPUT/OUTPUT

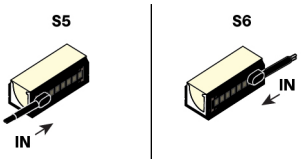
SINGLE (Input only)



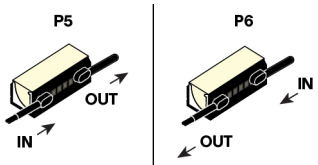
PASS THROUGH (Input/Output)



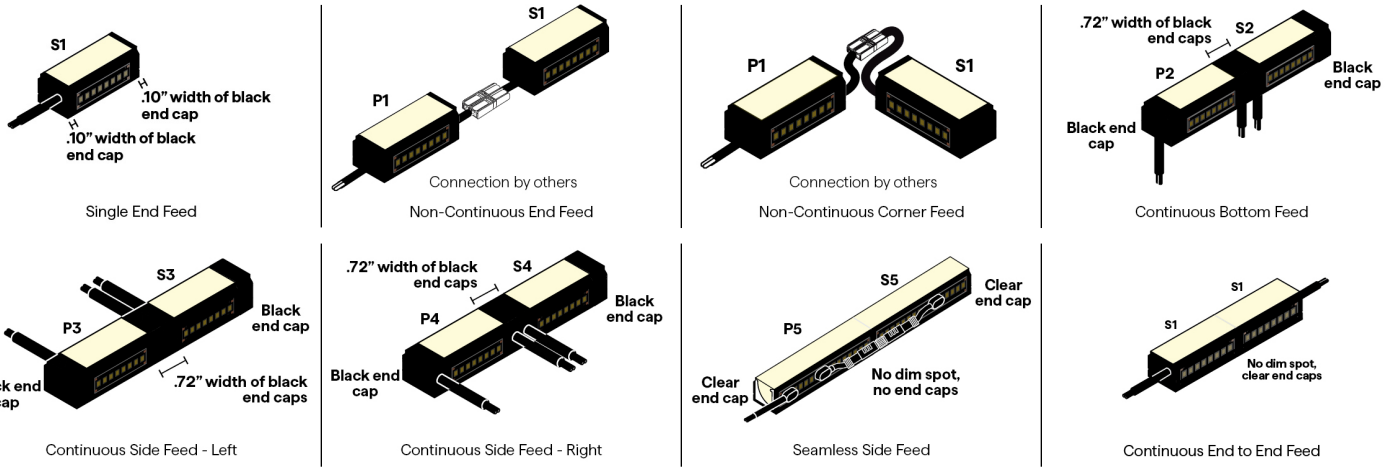
SEAMLESS SINGLE (Input only)



SEAMLESS PASS THROUGH (Input/Output)

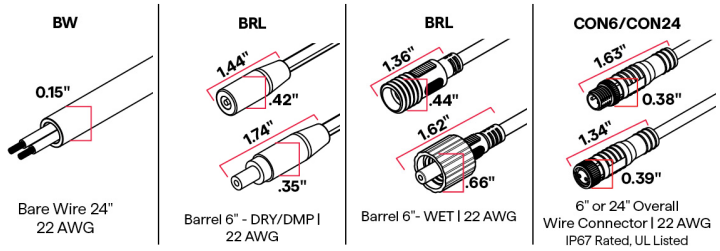


CONFIGURATION OPTIONS



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



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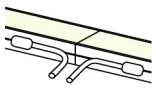
10 END CAPS (NO FEED)

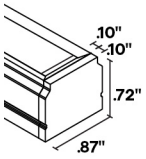
CL



Clear endcaps
.0" added at end

.00" dim spot

BK



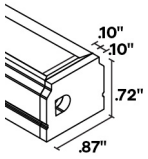
Black endcaps
.1" added at end

.45" dim spot

END CAPS (WITH FEED)

End Feed

S1, P1

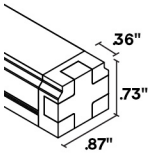


Black endcaps
.1" added at end

.45" dim spot

Tri-Directional

S2, S3, S4, P2, P3, P4

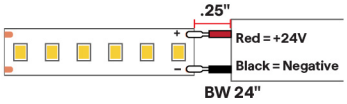


Black endcaps
.36" added at end

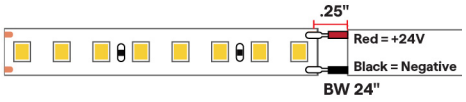
.71" dim spot

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"

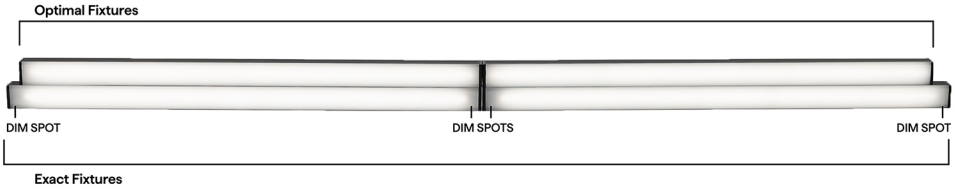


12 EXACT/OPTIMAL FIXTURE LENGTH

E/O Length Calculator →

E/O Explained →

Exact fixtures are the exact length specified +0 -1/8". 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.

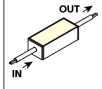


SW ENC LENGTHS BY INCH

EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture
	S1  End Feed
12"	0.5"
13"	0.5"
14"	0.5"
15"	0.5"
16"	0.5"
17"	0.5"
18"	0.5"
19"	0.5"
20"	0.5"
21"	0.5"
22"	0.5"
23"	0.5"
24"	0.5"
36"	0.5"
48"	0.5"
60"	0.5"
72"	0.5"
84"	0.5"
96"	0.5"

OPTIMAL LENGTH

Requested Nominal Length	S1	S2 & S3 & S4			P1	P2 & P3 & P4			S5 & S6 & P5 & P6	
	S1  End Feed	S2  Bottom Feed	S3  Side Feed - Left	S4  Side Feed - Right	P1  End Feed	P2  Bottom Feed	P3  Side Feed - Left	P4  Side Feed - Right	S5  Seamless Feed	P5  Seamless Feed
12"	11.65"	11.99"			11.90"	11.58"			11.40"	
13"	12.65"	12.99"			12.90"	12.58"			12.40"	
14"	13.65"	13.99"			13.90"	13.58"			13.40"	
15"	14.65"	14.99"			14.90"	14.58"			14.40"	
16"	15.65"	15.99"			15.90"	15.58"			15.40"	
17"	16.65"	16.99"			16.90"	16.58"			16.40"	
18"	17.65"	17.99"			17.90"	17.58"			17.40"	
19"	18.65"	18.99"			18.90"	18.58"			18.40"	
20"	19.65"	19.99"			19.90"	19.58"			19.40"	
21"	20.65"	20.99"			20.90"	20.58"			20.40"	
22"	21.65"	21.99"			21.90"	21.58"			21.40"	
23"	22.65"	22.99"			22.90"	22.58"			22.40"	
24"	23.65"	23.99"			23.90"	23.58"			23.40"	
36"	35.65"	35.99"			35.90"	35.58"			35.40"	
48"	47.65"	47.99"			47.90"	47.58"			47.40"	
60"	59.65"	59.99"			59.90"	59.58"			59.40"	
72"	71.65"	71.99"			71.90"	71.58"			71.40"	
84"	83.65"	83.99"			83.90"	83.58"			83.40"	
96"	95.65"	95.99"			95.90"	95.58"			95.40"	

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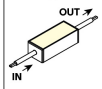
SW-HE ENC LENGTHS BY INCH

EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture  End Feed
12"	1"
13"	0.5"
14"	1"
15"	0.5"
16"	1"
17"	0.5"
18"	1"
19"	0.5"
20"	1"
21"	0.5"
22"	1"
23"	0.5"
24"	1"
36"	1"
48"	1"
60"	1"
72"	1"
84"	1"
96"	1"

OPTIMAL LENGTH

Requested Nominal Length	S1	S2 & S3 & S4			P1	P2 & P3 & P4			S5 & S6 & P5 & P6	
	 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"	10.65"	11.05"			10.90"	11.70"			10.40"	
13"	12.65"	11.05"			12.90"	11.70"			12.40"	
14"	12.65"	13.05"			12.90"	13.70"			12.40"	
15"	14.65"	13.05"			14.90"	13.70"			14.40"	
16"	14.65"	15.05"			14.90"	15.70"			14.40"	
17"	16.65"	15.05"			16.90"	15.70"			16.40"	
18"	16.65"	17.05"			16.90"	17.70"			16.40"	
19"	18.65"	17.05"			18.90"	17.70"			18.40"	
20"	18.65"	19.05"			18.90"	19.70"			18.40"	
21"	20.65"	19.05"			20.90"	19.70"			20.40"	
22"	20.65"	21.05"			20.90"	21.70"			20.40"	
23"	22.65"	21.05"			22.90"	21.70"			22.40"	
24"	22.65"	23.05"			22.90"	23.70"			22.40"	
36"	34.65"	35.05"			34.90"	35.70"			34.40"	
48"	46.65"	47.05"			46.90"	47.70"			46.40"	
60"	58.65"	59.05"			58.90"	59.70"			58.40"	
72"	70.65"	71.05"			70.90"	71.70"			70.40"	
84"	82.65"	83.05"			82.90"	83.70"			82.40"	
96"	94.65"	95.05"			94.90"	95.70"			94.40"	

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+QD1	Q6M-DC+CAP QTM-DC+CAP 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-PRO-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-PRO-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+DALI-DT6-PS QZ-DMX QZ-PRO-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+DALI-DT6-PS QZ-DMX QZ-PRO-PH/0-10V
1%	Q-DIM QTM-eLED(E) QZ-DALI-DT6	Q-DIM 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	

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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-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1	Q-HEX-mini-DC Q-SET-QZ-PH/0-10V Q-SET-mLED QOM-DC+CAP QOM-PH QZ-PRO-PH/0-10V	Q-SET-QZ-PH/0-10V QOM-DC+CAP QOM-PH QZ-PRO-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-PRO-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-PRO-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-PRO-PH/0-10V	Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QZ-PRO-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



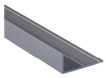
U Mounting Bracket

SD-J-LARGE



J Mounting Bracket

BL-LARGE



Backwards L Mounting Bracket

NL-LARGE



L Mounting Bracket

SD-L-LARGE



L Mounting Bracket

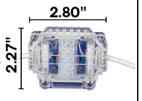
COMPATIBLE WIRING ACCESSORIES

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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Specification subject to change. Rev-11-23-26

Q-CAP KURV™-BK 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

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Q-CAP KURV-BK

Flexible Fixtures

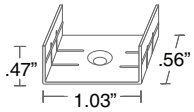
Mounting

NOTE: 2 plastic clips provided per first 12", 1 for each additional 12".
Other mounting styles incur additional charge, see price guide for details.

PLC-03-BK:

PLASTIC CLIP

- For indoor/outdoor use
- Surface mounting
- Plastic
- Black finish

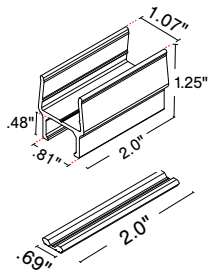


MOUNTING HARDWARE
- #4 flat screw (one provided for each clip)
- 832 Silicone (sold separately)

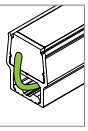
KURV-BK-PPS-2:

PVC MOUNT CLIP

- For indoor/outdoor use
- Surface mounting
- For joining seamless fixtures
- Wire way feature
- Black finish
- Can be mounted with or without PPS-BRACKET (**COVE FRIENDLY**)



Built in wireway:
The PPS-BRACKET allows you to create a wire way under the PPS channel without any screws interfering

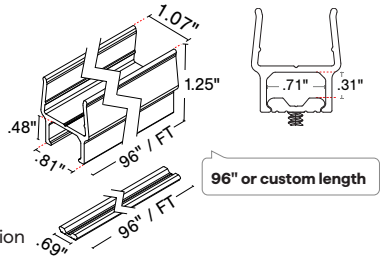


MOUNTING HARDWARE
- #8 flat head screw (1 screw for every 16")
- 832 Silicone (sold separately)

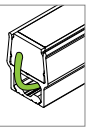
KURV-BK-PPS-96 & KURV-BK-PPS-FT:

PVC MOUNT CHANNEL

- 96" (**PPS-96**) or custom length (**PPS-FT**)
- For indoor/outdoor use
- Surface mounting
- Field modifications made easy
- Wire way feature
- Black finish
- Can be mounted with or without PPS-BRACKET (**COVE FRIENDLY**)
- Recommended for downward facing installation



Built in wireway:
The PPS-BRACKET allows you to create a wire way under the PPS channel without any screws interfering



MOUNTING HARDWARE
#8 flat head screw (1 screw for every 16")
- 832 Silicone (sold separately)

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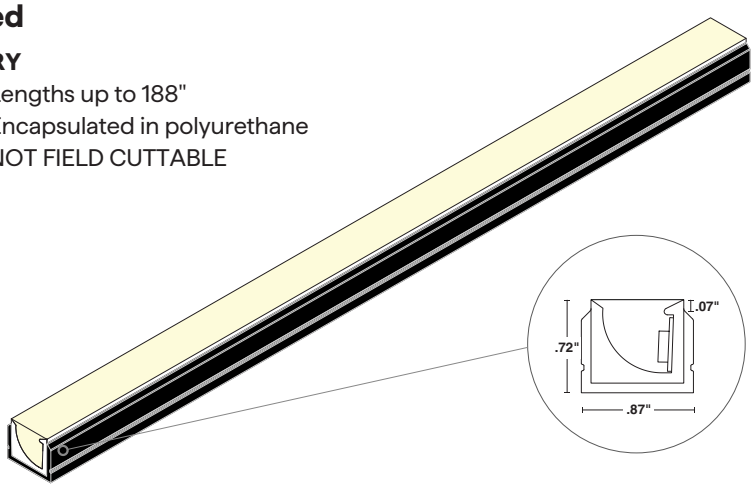
Q-CAP KURV-BK

Flexible Fixtures

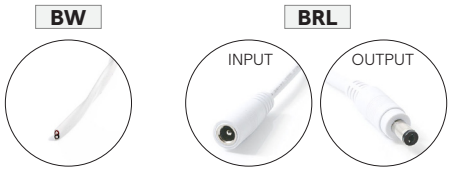
Rated

DRY

- Lengths up to 188"
- Encapsulated in polyurethane
- NOT FIELD CUTTABLE



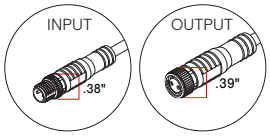
COMPATIBLE CONNECTORS



BARE WIRE 24"

DRY BARREL 6"

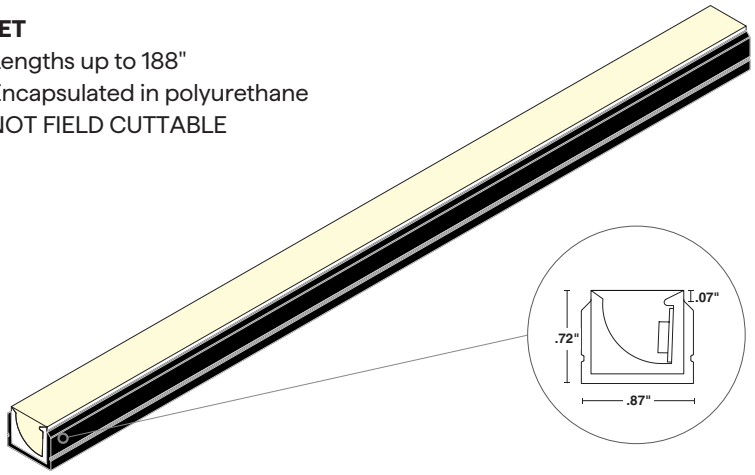
CON6 / CON24



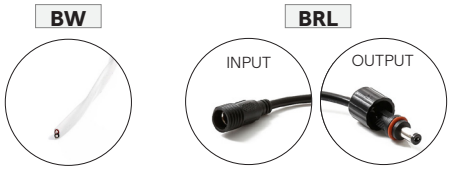
CONNECTOR 6" / CONNECTOR 24"

WET

- Lengths up to 188"
- Encapsulated in polyurethane
- NOT FIELD CUTTABLE



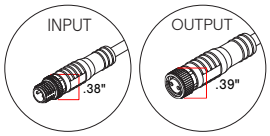
COMPATIBLE CONNECTORS



BARE WIRE 24"

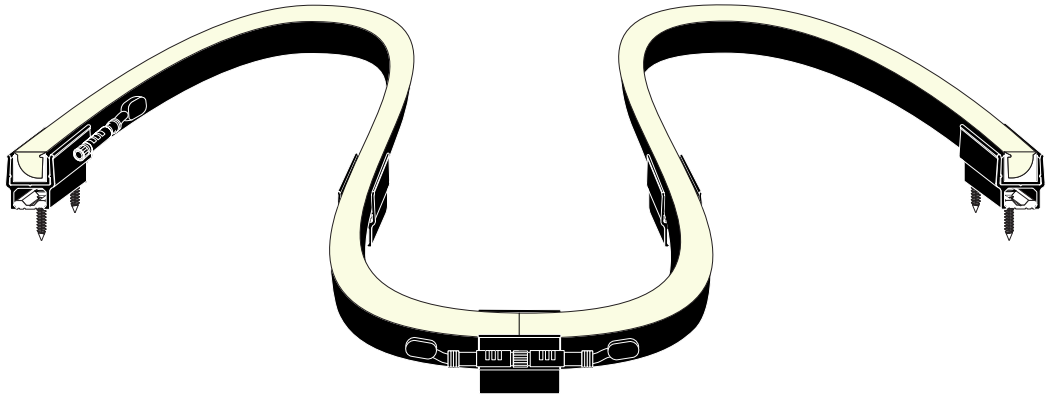
WET BARREL 6"

CON6 / CON24



CONNECTOR 6" / CONNECTOR 24"

Flexibility



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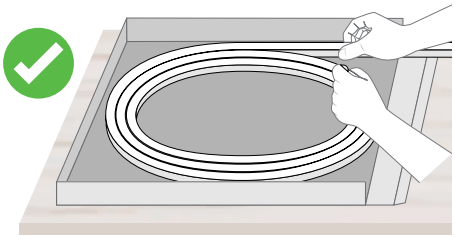
Specification subject to change. Rev-02-27-24

KURV-BK

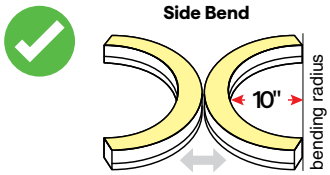
Q-CAP HANDLING INSTRUCTIONS

WARNING: FRAGILE

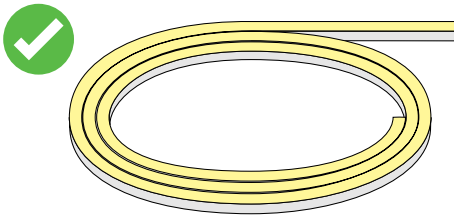
Flexible fixtures contain sensitive electronics, requiring careful handling and installation to preserve their warranty. When unpacking flexible fixtures, handle them gently and test all fixtures upon receiving.



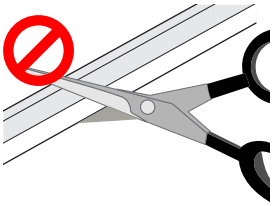
Keep the fixtures flat and supported when removing them from the box. Unroll them carefully on a flat surface and do not bend them against the intended bend direction.



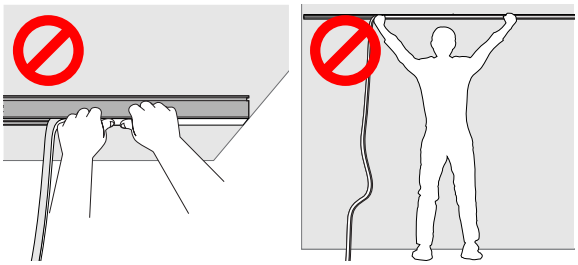
This KURV-BK fixture can only be side bent. Do not bend the fixture more than a 10" radius.



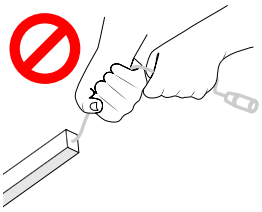
Powering the fixtures prior to installing will warm them up and make them more flexible, preventing damage.



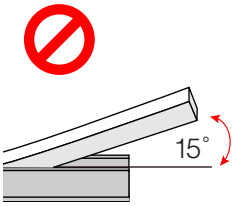
Only FC fixtures are field cuttable. Do not attempt to cut non-FC fixtures. Field modifications void warranty.



Do not let any portion of the fixture hang in any direction during installation. Use two people to install to ensure the fixture does not hang.



Do not grab or pull by the wire feeds.



Do not bend the fixture more than 15 degrees when installing into mounting brackets or channels.

MISHANDLING OF FIXTURES DURING INSTALLATION VOIDS WARRANTY

TEMPERATURE RATINGS

Static White & Static White HE	1.5 W/FT		1.5HE W/FT		3.0 W/FT		3.0HE W/FT		5.0 W/FT		6.0HE 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

Static Color	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

Tunable & Warm Dim	DW 1.5HE W/FT		DW 2.5HE W/FT	
	Min	Max	Min	Max
Ambient Operating Temp - Surface	-4°F	140°F	-4°F	130°F
Storage Temp	-4°F	140°F	-4°F	140°F
Installation Temp	50°F	100°F	50°F	100°F

RGB	6.0 W/FT	
	Min	Max
Ambient Operating Temp - Surface	-13°F	176°F
Storage Temp	-4°F	140°F
Installation Temp	50°F	100°F

RGBW & RGBW-HE	6.0 W/FT		4.0HE W/FT	
	Min	Max	Min	Max
Ambient Operating Temp - Surface	-4°F	105°F	-4°F	115°F
Storage Temp	-4°F	140°F	-4°F	176°F
Installation Temp	50°F	100°F	50°F	100°F

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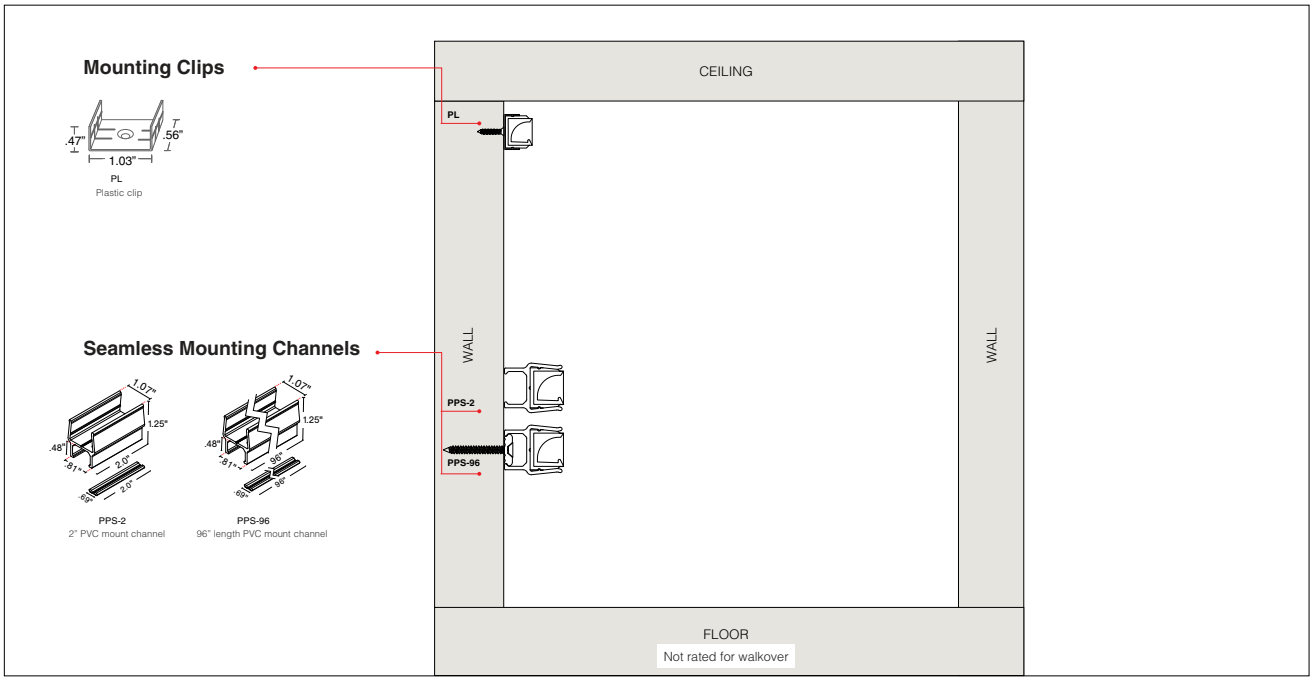
Q-CAP KURV-BK

Q-CAP Flexible Fixtures Installation Instructions

ATTENTION: Please read all instructions BEFORE installation

- Product to be installed by a licensed electrician - Field modifications void warranty
- Use only with Class 2 power supply unit — Warranty only valid with QTL power supplies
- Surface mount or recessed in millwork
- Not rated for walkover
- Input Voltage: 24VDC
- Diagrams for representation only and not to scale.

METHODS OF INSTALLATION



Mounting Method

- PL (page 5)
- BN-SB (page 6)
- PPS-2 (page 7)
- PPS-96 (page 8)

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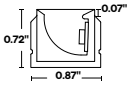
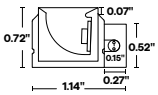
Q-CAP KURV-BK

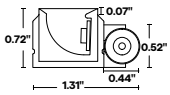
Q-CAP Flexible Fixtures Installation Instructions



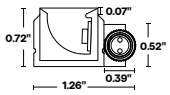
KURV-BK Profile



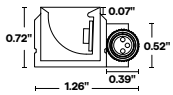
KURV-BK Profile (Seamless BW)



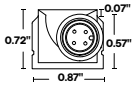
KURV-BK Profile (Seamless BRL)



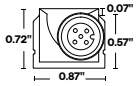
KURV-BK Profile (Seamless CON24 SW, SW-HE, SC)



KURV-BK Profile (Seamless CON24 DW-HE)



KURV-BK Profile (CON24-S1 RGB)



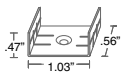
KURV-BK Profile (CON24-S1 RGBW, RGBW-HE)

COMPONENTS & HARDWARE

Alternate screw lengths can be used in installation as long as the screw diameter size is consistent with the included screw diameter size

MOUNTING CLIP & MOUNTING CHANNEL

PL



Plastic clip

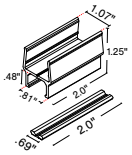
Included

- #4 Flat Screw (one provided for each clip)

- 2 white snug clips provided per first 12", 1 for each additional 12". Other mounting styles incur additional charge, see price guide for details

SEAMLESS MOUNTING CLIP & SEAMLESS MOUNTING CHANNEL

PPS-2



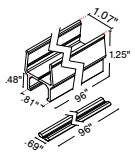
PVC mounting clip

Included

- #8 flat head screw (one provided for each clip)
- Built in wireway

- Join two fixtures together
- PPS kit quantity: **(2 kits per ft) + 1**. For example: 1 ft = (2 × 1) + 1 = 3 PPS kits provided.

PPS-96



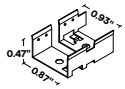
PVC channel

Included

- #8 flat head screw (1 screw for every 16")
- Built in wireway

- Support the fixtures
- PPS kit quantity: **(2 kits per ft) + 1**. For example: 1 ft = (2 × 1) + 1 = 3 PPS kits provided.

STND-QCAP-BN-SB-W



Horizontal Flexible Channel

Included

- #4-40 1/2" screws (64 screws for every 16')

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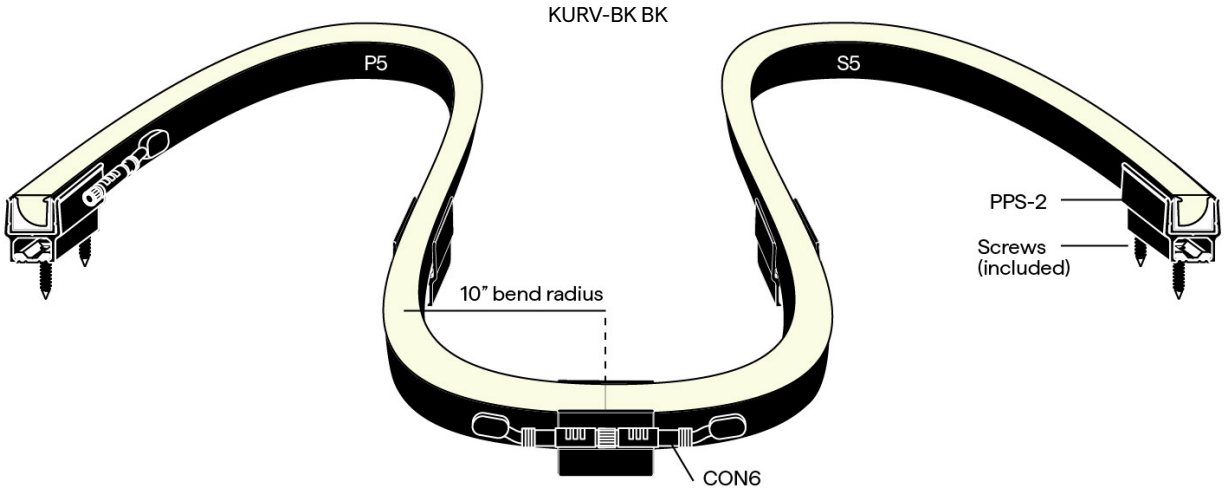
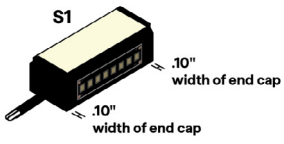
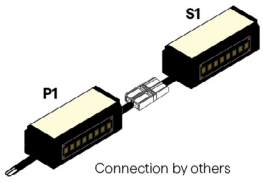
CONFIGURATION OPTIONS

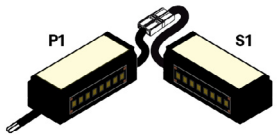




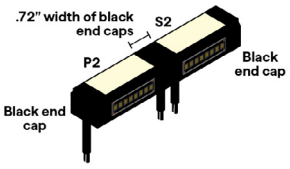
Single End Feed



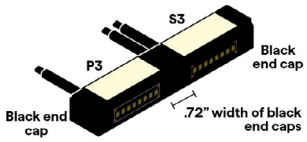
Non-Continuous End Feed



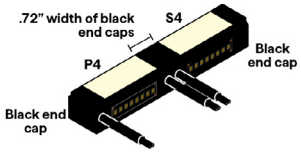
Non-Continuous Corner Feed



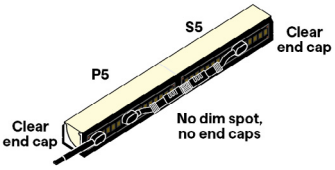
Continuous Bottom Feed



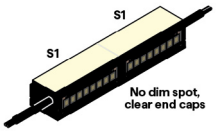
Continuous Side Feed - Left



Continuous Side Feed - Right



Seamless Side Feed



Continuous End to End Feed

Review wire method to ensure clean installation prior to mounting finished fixture.

NOTE: Additional wire methods include:
S1, S2, S3, S4, S5, S6: Connector/Wire Input only
P1, P2, P3, P4, P5, P6: Connector/Wire Input and Output

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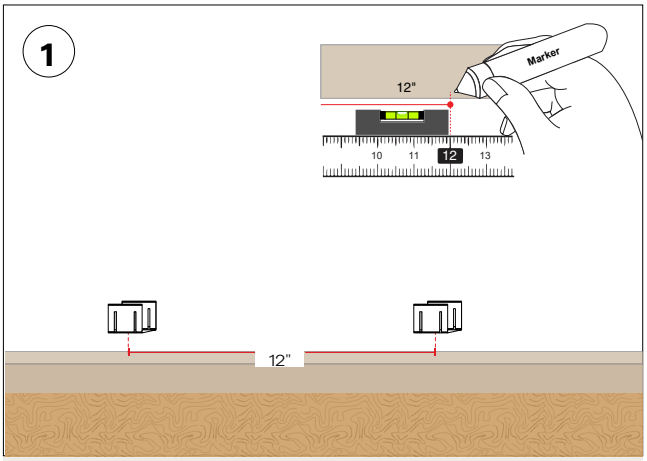
Q-CAP KURV-BK

Q-CAP Flexible Fixtures Installation Instructions

SURFACE MOUNTING METHOD: **PLASTIC CLIP**

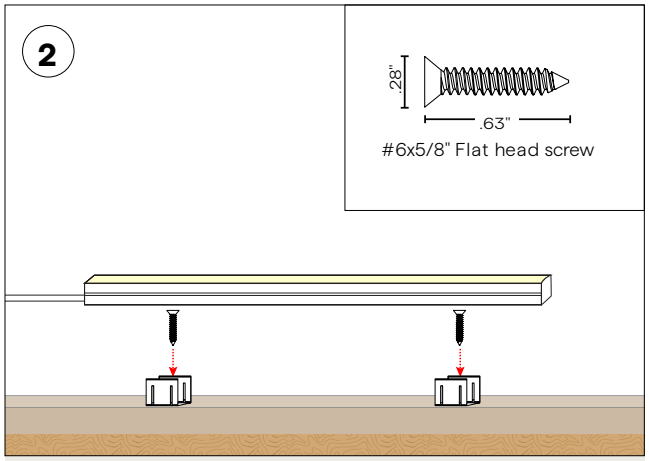
- 2 clips provided per first 12", 1 for each additional 12"

1



Determine the fixture(s) location and positioning on desired surface; evenly distribute clips. Make any necessary reference markings to indicate where each clip is to be secured in place. Recommended every 12".

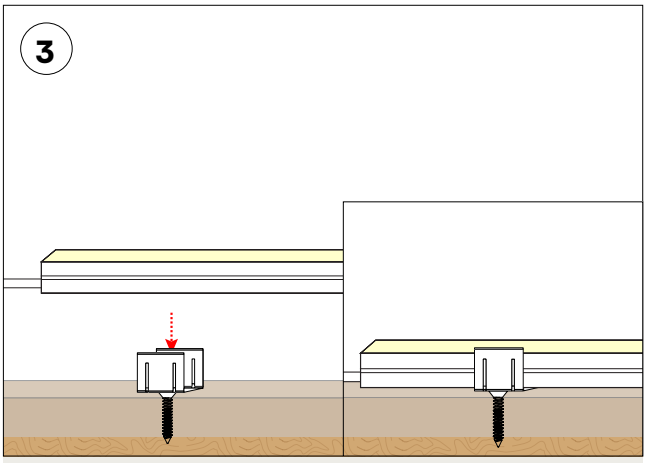
2



- Secure clips using the #6 flat head hardware provided
- Ensure the screw head is flush with the clip's base.

NOTE: Flat head screw type is dependent on surface/application material Alternative flat head screws may be required. Refer to the surface material manufacturer for suggested screw type.

3



Snap fixture onto clips.

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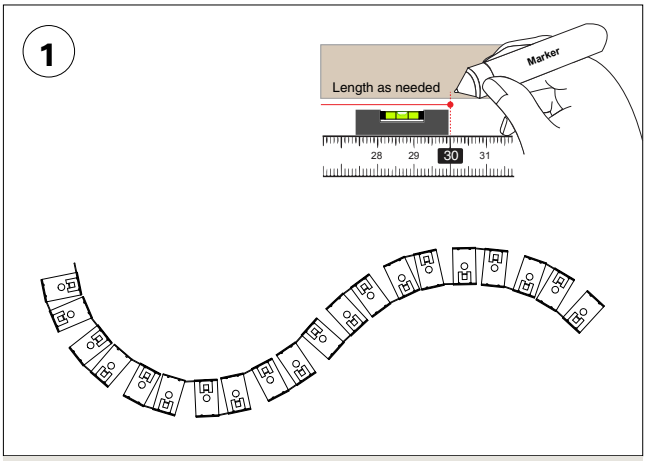
Q-CAP KURV-BK

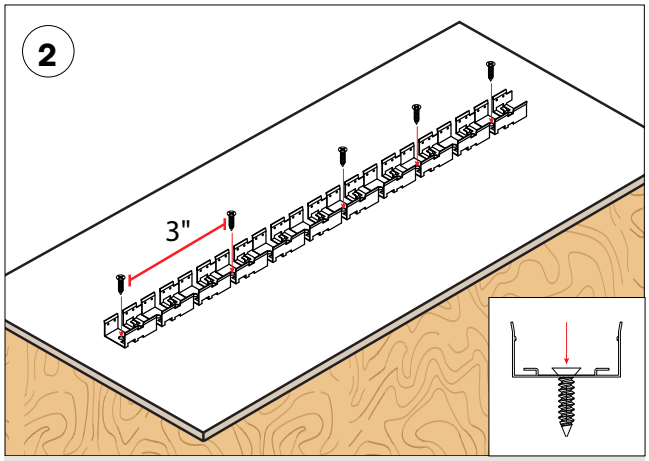
Q-CAP Flexible Fixtures Installation Instructions

SURFACE MOUNTING METHOD: **BN-SB**



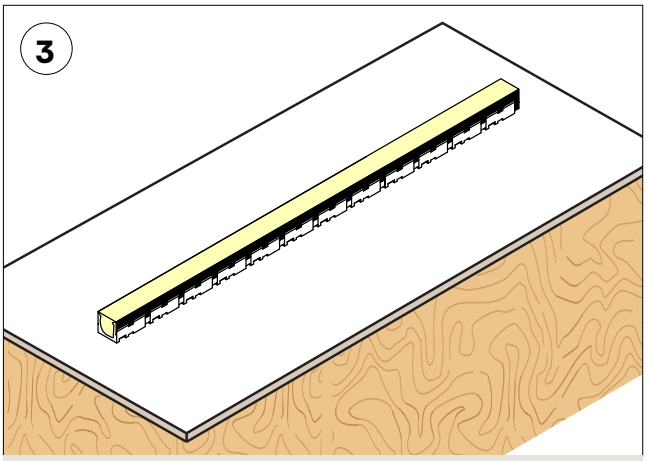
Determine the fixture(s) location and positioning on desired surface and arrange the BENDIT channel into the desired shape. Make any necessary reference markings to indicate where the channel is to be secured in place.

NOTE: The bend of the channel cannot exceed the bend of the fixture, Bending past the recommended amount can damage the fixture, Please see Q-CAP fixture bend radius chart or fixture cut sheet



Use #4 tapping screws to make shape desired while not exceeding fixture bend radius. Recommended 1 screw approximately every 3”

NOTE: Screws should be secured all the way down.



Press fit the fixture into the channel until secure.

Q-CAP Fixture Bend Radius			
Fixture	Vertical Bend	Horizontal Bend	Helical Bend
ANYBEND	9"	9"	-
BOXA	6"	-	-
KURV-BK	-	6"	-
KURV-BK-BK	-	10"	-
LUME	6"	-	-
NEXUS	4"	-	4"
WALA	-	6"	-
WAVE	6"	-	-
WURM	6"	-	6"
ZALA	-	6"	-

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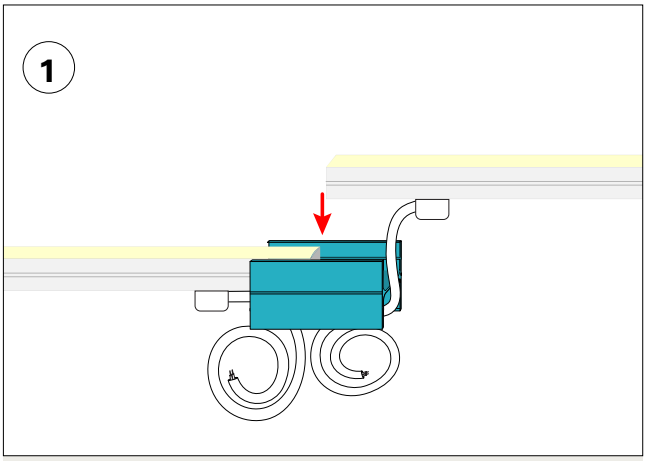
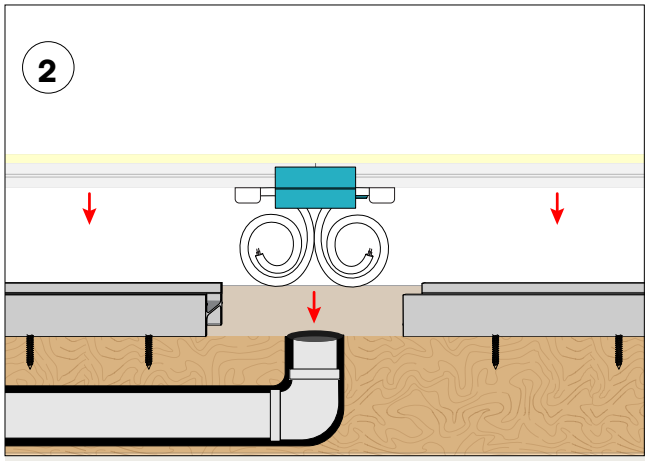
SEAMLESS MOUNTING METHOD: **PPS-2**

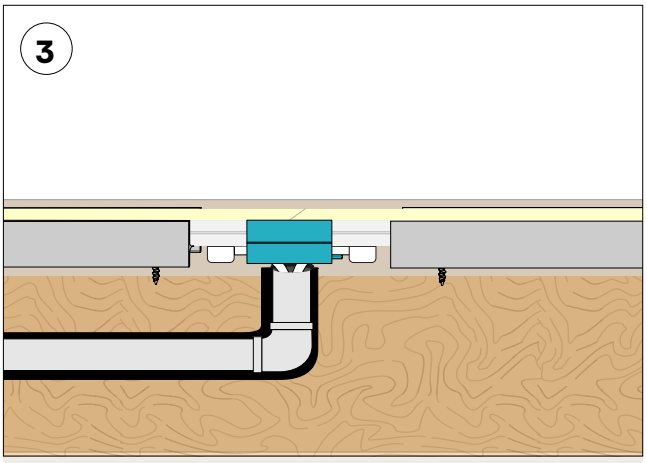
- Connects two seamless fixtures, with or without wire exit
- 2" PVC mount channel
- Built in wireway



Press both fixtures into PPS clip.



Snap fixture into mounted PPS channel. Align the wire exit with conduit and leave a space in the bracketing for the wire exits.



Finished assembly for seamless feed mounting

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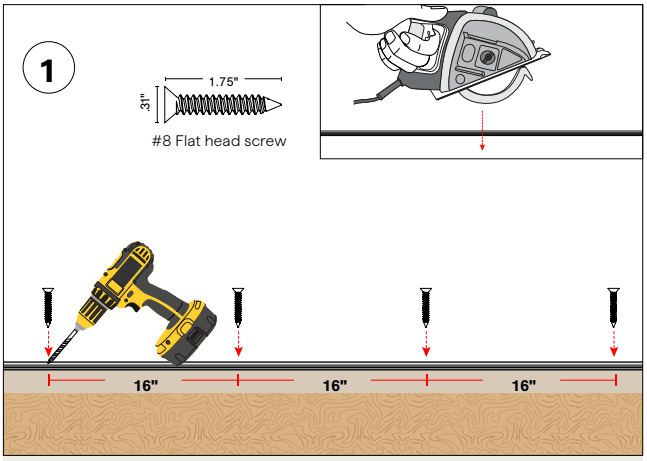
SEAMLESS MOUNTING METHOD: **PPS-96**

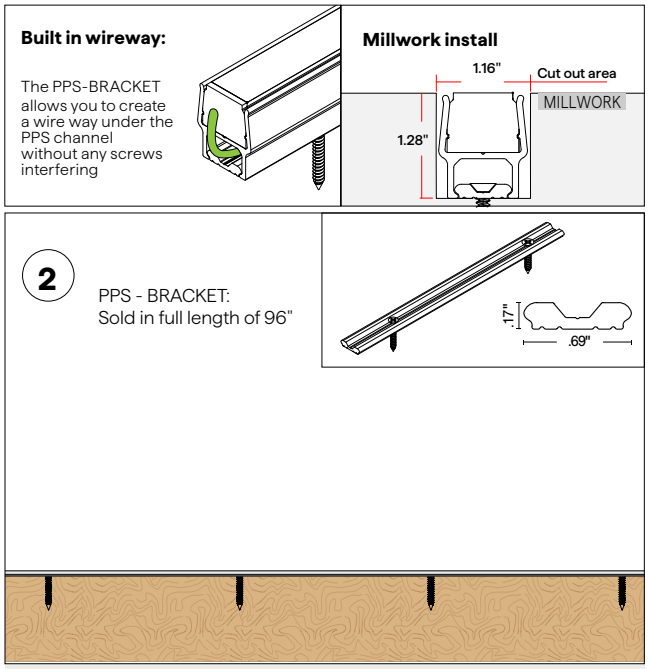
- Support two seamless fixtures, with or without wire exit
- 96" (PPS-96)
- Built in wireway



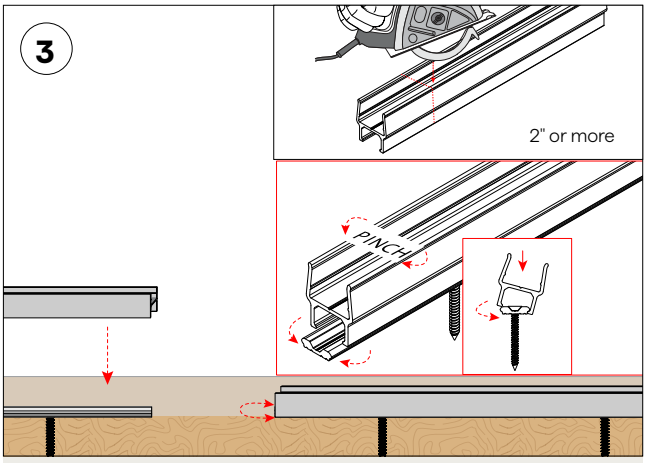
The PPS-BRACKET can be field cuttable and cut to whatever length your application requires. The PPS-BRACKET can be installed as a full length of 96", multiple smaller pieces, or end to end for longer seamless runs.

Using pre-drilled pilot holes screw the #8 flat head screws to mount the PPS-BRACKET (1 screw every 16").

NOTE: For drywall applications mount directly into a stud.



Using pre-drilled pilot holes, use the #8 flat head screws to mount the PPS-BRACKET.



To mount, pinch the upper half of the PPS-96 while you pivot it around one side of the PPS-BRACKET and push-in until you hear it snap into place. The PPS-96 flexes around the PPS-BRACKET to create a solid, and secure snap on connection.

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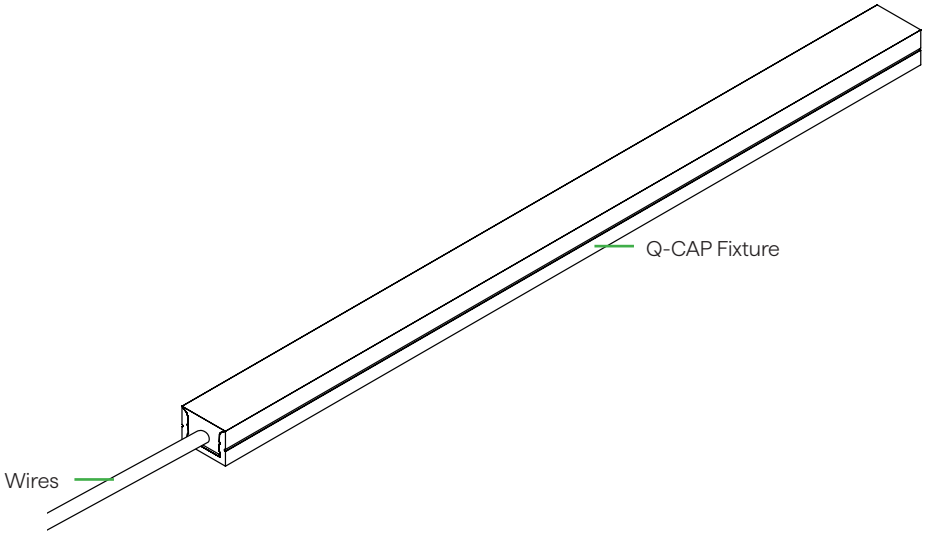
MATERIAL RECYCLING

Q-CAP FLEXIBLE FIXTURES

You may be done with your products, but chances are they still have more to give. Follow these instructions to break down and sort recyclable components. Check with local recycling collection to ensure they accept the materials listed below.

Additionally, Q-Tran offers a Takeback Program. Contact factory for information.



E

Q-CAP Fixture
Wires

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