

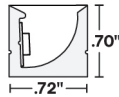


# Q-CAP KURV™ FOR WARM DIM APPLICATIONS

## 24VDC Flexible Fixtures



Declare.



- Flexible encapsulated fixture
- Side 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
- When using DALI and DMX power supplies, LED wattage must be doubled
- 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: **KURV-DW-PPS-2-DRY-24/30-1.5HE-ENC/TL-P1-BW-BW-N/A-48"-E**

1

PRODUCT

KURV-DW

KURV-DW-USA

Select USA option for BA, BAA and BABA projects.

LED engine is built with 3 wires requiring 0-10v, DMX or DALI control. Using DALI, DMX, or non QTL power supplies may double watts/ft. See last page for compatible power supplies.

2

MOUNTING

RLC

MC

SGC

PPS-2

PPS-96

PPS-LP-2

PPS-LP-96

WSC

BN-SB-SST-16'

BN-SB-SST-32'

BN-SB-WH-16'

BN-SB-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 Side Stainless Steel Channel

32' BENDIT Side Stainless Steel Channel

16' BENDIT Side White Channel

32' BENDIT Side 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

IP20

IP67

4

CCT

24/30

27/40

2400K/3000K

2700K/4000K

5

WATTAGE

1.5HE

2.5HE

1.5WHE-SO

2.5WHE-HO

SO: Standard Output

HO: 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

8

CONNECTOR/WIRE IN

BW

CON6

CON24

Bare Wire (Standard 24")

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". Available in 2" increments.

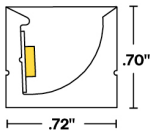
5 year warranty | Warranty only valid with QTL power supplies | Side Bend | Data subject to change, all data has +/- 5% tolerance | Ambient or mounting surface must not be lower than -4°F or higher than: 1.5HE - 125°F; 2.5HE - 115°F | Patent # D863646 S, 10,619,828 B2 | Only FC fixtures are Field-Cuttable per installation instructions | Field Cuttable is not returnable or refundable after it has been cut



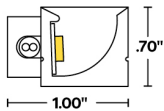
# Q-CAP KURV™ FOR WARM DIM APPLICATIONS

## 24VDC Flexible Fixtures

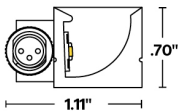
### 1 PRODUCT - DIMENSIONS



Profile  
(Standard)

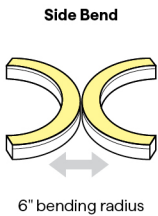


Profile  
(Seamless bare wire)

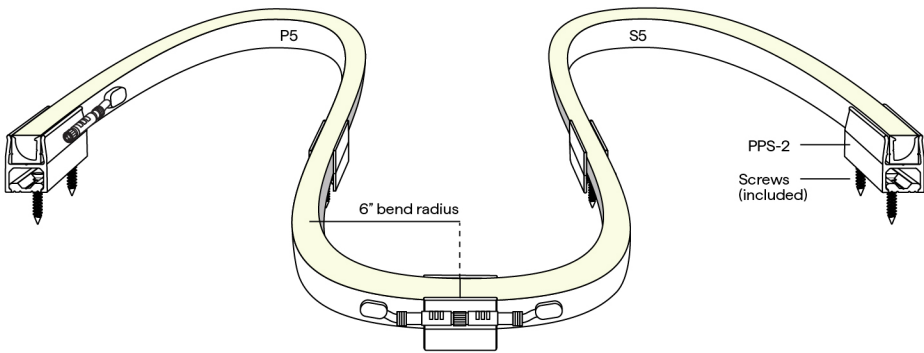


Profile  
(Seamless CON6-24)

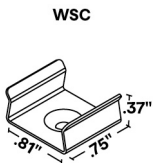
### BEND RADIUS



### FLEXIBILITY

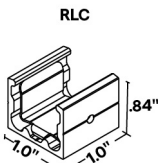


### 2 MOUNTING



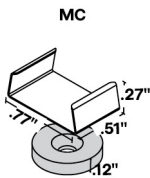
White Snug Clip  
Indirect uplight

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



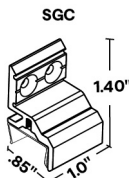
Rigid Lock Channel

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



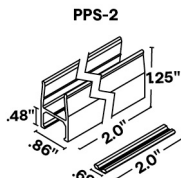
Magnetic Clip  
Cove use only

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



Side Graze Clip

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



PVC Mounting Clip

To order separately use KURV-PPS2



# Q-CAP KURV™ FOR WARM DIM APPLICATIONS

## 24VDC Flexible Fixtures

### MOUNTING CONTINUED

**PPS-96**

96" straight linear run

To order separately use KURV-PPS-96

Each clip comes with a #8" flat screw

**PPS-LP-2**

Low profile PVC Mounting Clip

To order separately use KURV-PPS-LP-2

**PPS-LP-96**

Low profile PVC channel 96" straight linear run

To order separately use KURV-PPS-LP-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-SST-16', STND-QCAP-BN-SB-SST-32', STND-QCAP-BN-SB-WH-16', or STND-QCAP-BN-SB-WH-32'

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

### 4 / 5 DELIVERED LUMENS

[Calculated L70 = 40000 hrs]  
Tested with KURV-DW-WSC-DRY

CCT	1.5HE W/FT				2.5HE W/FT			
	ENC/CL		ENC/TL		ENC/CL		ENC/TL	
	LM	CRI	LM	CRI	LM	CRI	LM	CRI
2400K	110	93	93	92	174	94	145	92
2700K	114	98	92	97	174	98	145	98
3000K	125	96	94	96	186	96	149	96
4000K	113	97	115	97	179	97	175	97

### 6 DIODE VISIBILITY

ENC/CL - Clear encapsulation

ENC/TL - Translucent encapsulation

### TEMPERATURE RATINGS

	DW 1.5 HE W/FT		DW 3.0 HE W/FT		DW 2.5 HE W/FT		DW 5.0 HE W/FT	
	QTL power supply other than DALI, DMX		DALI, DMX, or non-QTL power supply		QTL power supply other than DALI, DMX		DALI, DMX, or non-QTL power supply	
	Min	Max	Min	Max	Min	Max	Min	Max
Ambient Operating Temp - Surface	-4°F	140°F	-4°F	130°F	-4°F	130°F	-4°F	110°F
Storage Temp	-4°F	140°F	**	**	-4°F	140°F	**	**
Installation Temp	50°F	100°F	**	**	50°F	100°F	**	**

### BUG RATING

WATTAGE	B	U	G
1.5HE (ALL CCTs), 2.5HE (ALL CCTs)	B0	U1	G0

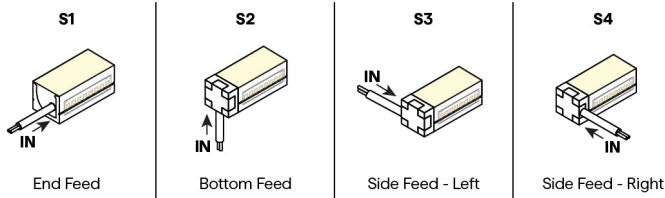


# Q-CAP KURV™ FOR WARM DIM APPLICATIONS

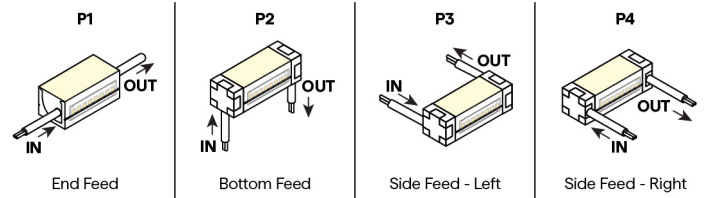
24VDC Flexible Fixtures

## 7 WIRE INPUT/OUTPUT

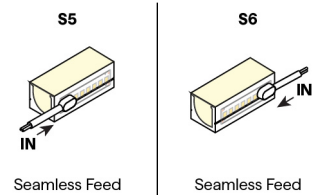
SINGLE (Input only)



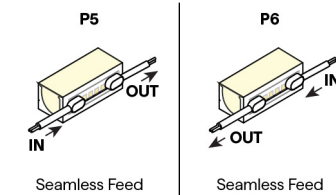
PASS THROUGH (Input/Output)



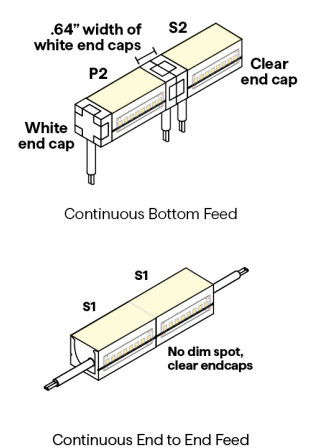
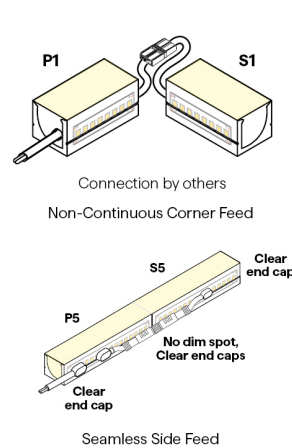
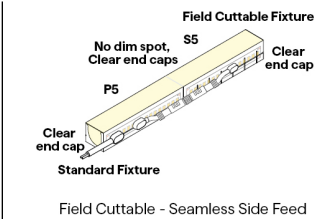
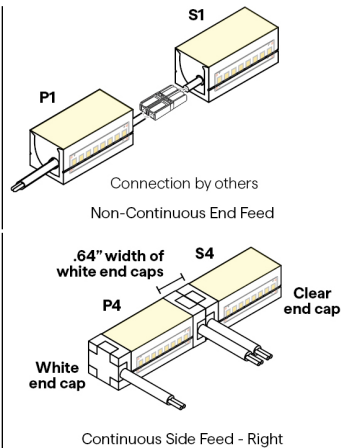
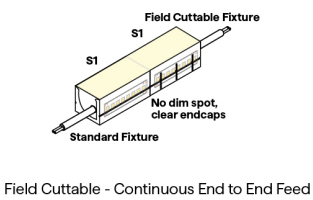
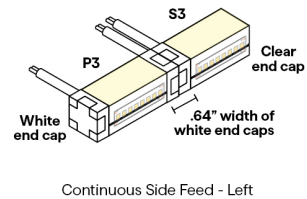
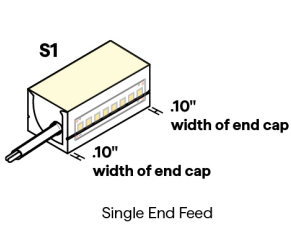
SEAMLESS SINGLE (Input only)



SEAMLESS PASS THROUGH (Input/Output)



## CONFIGURATION OPTIONS

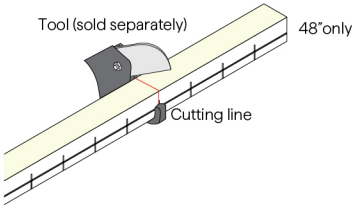




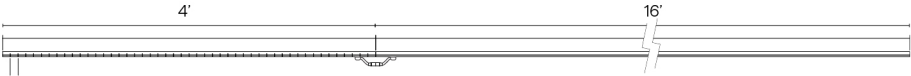
# Q-CAP KURV™ FOR WARM DIM APPLICATIONS

## 24VDC Flexible Fixtures

### FIELD CUTTABLE MARKING



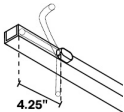
Field cuttable fixtures are sold in 4' increments and go at the end of a run, allowing for easy field adjustment



**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

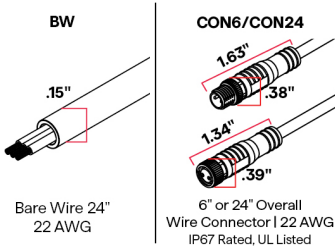
Shown with bare wire, connectors vary



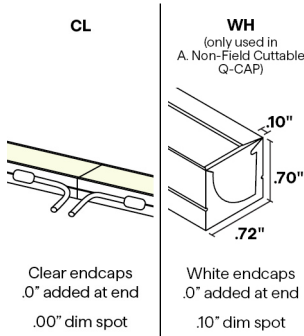
Omnidirectional wireways  
S5, S6, P5, P6

### 8 / 9 CONNECTOR/WIRE – IN/OUT

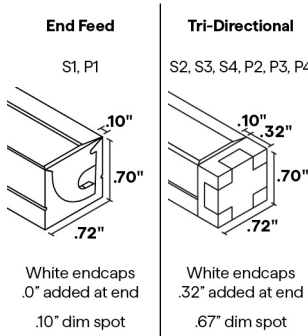
Connector/Wire In or Out not needed to specify product. Typical selection is S1 for Wire Input/Output, BW for Connector/Wire In, N/A for Connector/Wire Out, and WH for End Caps



### 10 END CAPS (NO FEED)



### END CAPS (WITH FEED)



### 11 LENGTH - WIRING DETAIL

Available in 2" increments 12"-191"

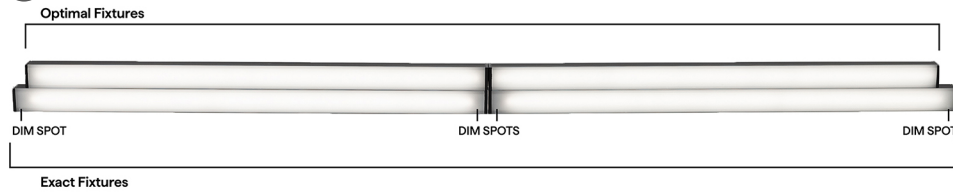




# Q-CAP KURV™ FOR WARM DIM APPLICATIONS

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.

## DW 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
12"	10.58"		10.91"		10.95"		11.63"		10.2"	
13"	12.58"		12.91"		12.95"		11.63"		12.2"	
14"	12.58"		12.91"		12.95"		13.63"		12.2"	
15"	14.58"		14.91"		14.95"		13.63"		14.2"	
16"	14.58"		14.91"		14.95"		15.63"		14.2"	
17"	16.58"		16.91"		16.95"		15.63"		16.2"	
18"	16.58"		16.91"		16.95"		17.63"		16.2"	
19"	18.58"		18.91"		18.95"		17.63"		18.2"	
20"	18.58"		18.91"		18.95"		19.63"		18.2"	
21"	20.58"		20.91"		20.95"		19.63"		20.2"	
22"	20.58"		20.91"		20.95"		21.63"		20.2"	
23"	22.58"		22.91"		22.95"		21.63"		22.2"	
24"	22.58"		22.91"		22.95"		23.63"		22.2"	
36"	34.58"		34.91"		34.95"		35.63"		34.2"	
48"	46.58"		46.91"		46.95"		47.63"		46.2"	
60"	58.58"		58.91"		58.95"		59.63"		58.2"	
72"	70.58"		70.91"		70.95"		71.63"		70.2"	
84"	82.58"		82.91"		82.95"		83.63"		82.2"	
96"	94.58"		94.91"		94.95"		95.63"		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
	DW-HE Warm Dim Applications	DW-HE Warm Dim Applications
0.1%	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+WD QT-CAB-eLED+WD-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QTM-eLED+WD QTM-eLED+WD-AWN QZ-DW	Q-SET-QZ-DW QOM-eLED+DALI-DT6 QOM-eLED+DALI-DT8 QOM-eLED+PS-DALI-DT6 QOM-eLED+PS-DALI-DT8 QOM-eLED+WD QZ-DW
1%	QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QZ-DALI-DT8
10%	Non-Dim Power Supply with WD App Dongle	



# Q-CAP KURV™ FOR WARM DIM APPLICATIONS

## 24VDC Flexible Fixtures

DIMMING PROTOCOL	INDOOR	OUTDOOR
	DW-HE Warm Dim Applications	DW-HE Warm Dim Applications
Phase	QZ-DW	Q-SET-QZ-DW QZ-DW
0-10V	QT-CAB-eLED+WD QT-CAB-eLED+WD-AWN QTM-eLED+WD QTM-eLED+WD-AWN QZ-DW	Q-SET-QZ-DW QOM-eLED+WD QZ-DW
Lutron Athena	QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+WD-AWN QTM-eLED+DALI-DT8-AWN QTM-eLED+WD-AWN	
DALI-2: DT6 LED wattage must be doubled for DW-HE products except for AWN	QT-CAB-eLED+DALI-DT6 QTM-eLED+DALI-DT6	QOM-eLED+DALI-DT6
DALI-2: DT8 LED wattage must be doubled for DW-HE products except for AWN	QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QOM-eLED+DALI-DT8 QZ-DALI-DT8
SCENE App Dimmed	Non-Dim Power Supply with WD 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

### COMPATIBLE WIRING ACCESSORIES

**Q-mini-J5**

UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)

### COMPATIBLE CONTROL ACCESSORIES

**SCENE APP DONGLE**

Wi-Fi or Bluetooth Connectivity



# Q-CAP KURV™ FOR WARM DIM APPLICATIONS

## 24VDC Flexible Fixtures

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### COMPATIBLE APPS

#### NFC APP



Read and write  
DMX addresses and  
adjust voltage