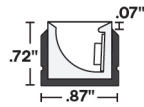




# Q-CAP KURV™-BK RGB

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
KURV-BK-RGB			RGB	6.0	

## 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-RGB-PPS-2-DRY-RGB-6.0-ENC/TL-P1-BW-BW-N/A-48"-E**

<b>1</b> <b>PRODUCT</b> <b>KURV-BK-RGB</b> See last page for compatible power supplies.	<b>2</b> <b>MOUNTING</b> <b>PL</b> Plastic Clip <b>PPS-2</b> PVC Clip <b>PPS-96</b> PVC Channel <b>BN-SB-BK-16'</b> 16' BENDIT Side Black Stainless Channel <b>BN-SB-BK-32'</b> 32' BENDIT Side Black Stainless Channel PPS mounting clip recommended for seamless applications	<b>3</b> <b>RATED</b> <b>DRY</b> IP20 <b>WET</b> IP67	<b>4</b> <b>CCT</b> <b>RGB</b>	<b>5</b> <b>WATTAGE</b> <b>6.0</b> 6.0W-SO SO: Standard Output
<b>6</b> <b>LENS</b> <b>ENC/CL</b> Encapsulated in Clear <b>ENC/TL</b> Encapsulated in Translucent For representation of LED visibility, see Diode Visibility section on following pages	<b>7</b> <b>WIRE INPUT/OUTPUT</b> <b>SINGLE (Input only)</b> <b>S1</b> End Feed <b>S2</b> Bottom Feed <b>S3</b> Left Side Feed <b>S4</b> Right Side Feed  <b>PASS THROUGH (Input/Output)</b> <b>P1</b> End Feed <b>P2</b> Bottom Feed <b>P3</b> Left Side Feed <b>P4</b> Right Side Feed		<b>8</b> <b>CONNECTOR/WIRE IN</b> <b>BW</b> Bare Wire (Standard 24") <b>CON6</b> Connector 6" <b>CON24</b> Connector 24" BW: Standard length is 24". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)	<b>9</b> <b>CONNECTOR/WIRE OUT</b> <b>N/A</b> Closed End (No feed)  <b>BW</b> Bare Wire (Standard 24") <b>CON6</b> Connector 6" <b>CON24</b> Connector 24" BW: Standard length is 24". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)
<b>10</b> <b>END CAPS</b> <b>CL</b> Clear <b>BK</b> Black  <b>N/A</b> Not Applicable	<b>11</b> <b>LENGTH (IN)</b> Minimum length is 12", maximum length is 188" not including end caps. Contact us for lengths under 12". Available in 2" increments.		<b>12</b> <b>EXACT/OPTIMAL</b> <b>O</b> Optimal Illumination <b>E</b> 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.	

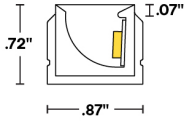
5 year warranty | Field modifications are not covered under QTL warranty | Side Bend | Data subject to change, all data has +/- 5% tolerance | PPS-FT is to be cut at QTL to requested length | Not field cuttable



# Q-CAP KURV™-BK RGB

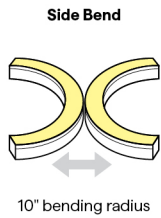
24VDC Flexible Fixtures

## 1 PRODUCT - DIMENSIONS

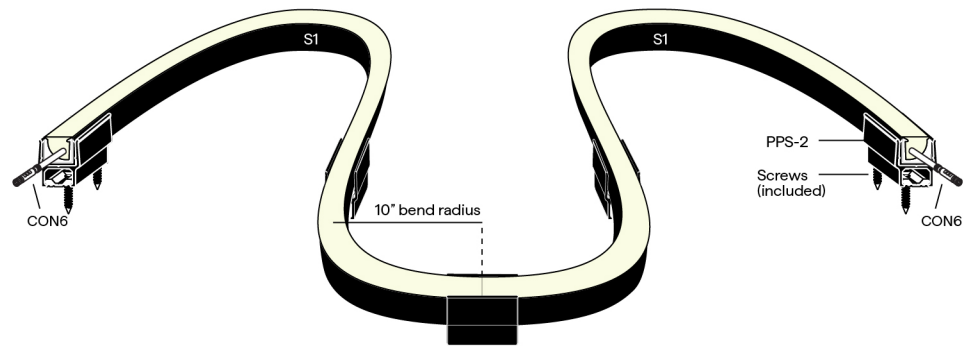


Profile  
(Standard)

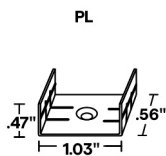
### BEND RADIUS



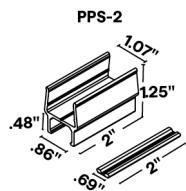
### FLEXIBILITY



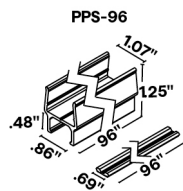
## 2 MOUNTING



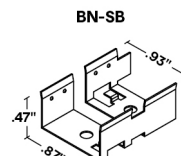
**PL**  
Plastic Clip  
Black clip standard with  
black extrusion  
To order separately use PLC-03-  
BK  
Each clip comes with a #4x5/8" flat  
screw



**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 RGB

24VDC Flexible Fixtures

## 4 / 5 DELIVERED LUMENS

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

CCT	6.0W/FT Total Load				
	ENC/CL		ENC/TL		Circuit Wattage
	LM	Wavelength	LM	Wavelength	
Red	76	630	69	631	2.4
Green	148	521	132	523	1.9
Blue	45	468	40	469	1.7
All	249	-	223	-	6.0

## 6 DIODE VISIBILITY

## 6 DIODE VISIBILITY

RGB

ENC/CL - Clear Encapsulation

ENC/TL - Translucent Encapsulation

## TEMPERATURE RATINGS

	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

## 7 WIRE INPUT/OUTPUT

SINGLE (Input only)

PASS THROUGH (Input/Output)

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

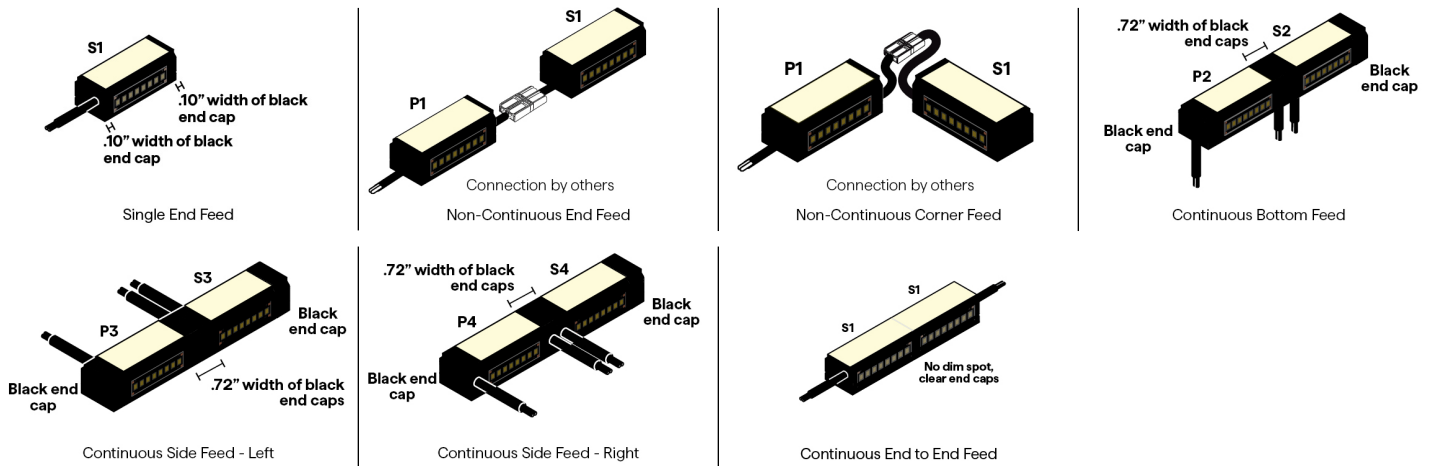
Side Feed - Right



# Q-CAP KURV™-BK RGB

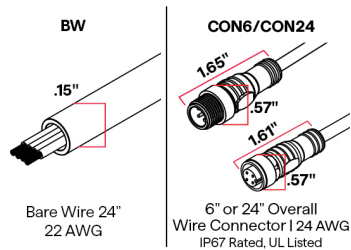
24VDC Flexible Fixtures

## CONFIGURATION OPTIONS

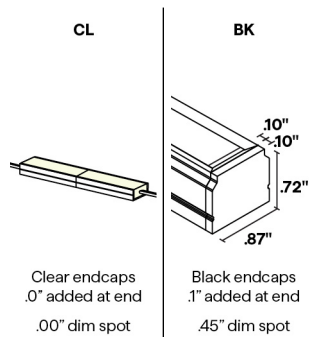


## 8 / 9 CONNECTOR/WIRE - IN/OUT

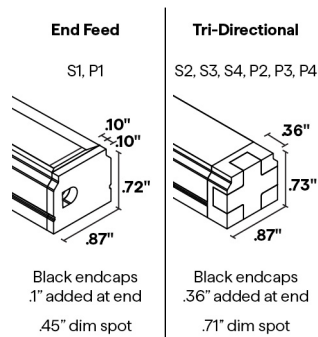
Connector/Wire In or Out not needed to specify product. Typical selection is S1 for Wire Input/Output, BW for Connector/Wire In, N/A for Connector/Wire Out, and BK for End Caps



## 10 END CAPS (NO FEED)

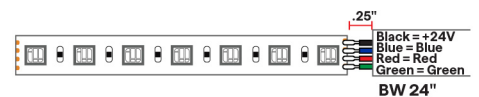


## END CAPS (WITH FEED)



## 11 LENGTH - WIRING DETAIL

Available in 2" increments 12"-188"





# Q-CAP KURV™-BK RGB

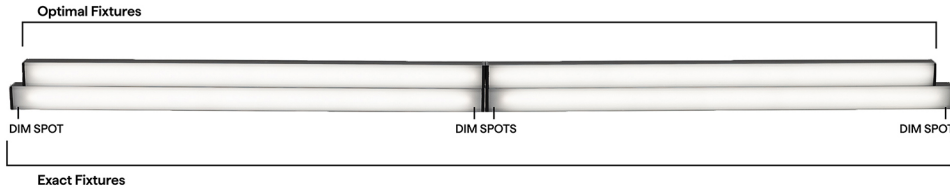
24VDC Flexible Fixtures

## 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.



## RGB 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
	End Feed	Bottom Feed	Side Feed - Left	Side Feed - Right	End Feed	Bottom Feed	Side Feed - Left	Side Feed - Right
12"	10.78"		11.11"		11.15"		11.83"	
13"	12.78"		11.11"		11.15"		11.83"	
14"	12.78"		13.11"		13.15"		13.83"	
15"	14.78"		13.11"		13.15"		13.83"	
16"	14.78"		15.11"		15.15"		15.83"	
17"	16.78"		15.11"		15.15"		15.83"	
18"	16.78"		17.11"		17.15"		17.83"	
19"	18.78"		17.11"		17.15"		17.83"	
20"	18.78"		19.11"		19.15"		19.83"	
21"	20.78"		19.11"		19.15"		19.83"	
22"	20.78"		21.11"		21.15"		21.83"	
23"	22.78"		21.11"		21.15"		21.83"	
24"	22.78"		23.11"		23.15"		23.83"	
36"	34.78"		35.11"		35.15"		35.83"	
48"	46.78"		47.11"		47.15"		47.83"	
60"	58.78"		59.11"		59.15"		59.83"	
72"	70.78"		71.11"		71.15"		71.83"	
84"	82.78"		83.11"		83.15"		83.83"	
96"	94.78"		95.11"		95.15"		95.83"	

## 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
	RGB	RGB
0.1%	QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DMX QTM-eLED+DALI-DT8 QTM-eLED+DMX QZ-DMX	Q-SET-QZ-DMX QOM-eLED+DALI-DT8 QOM-eLED+DMX QOM-eLED+PS-DALI-DT8 QZ-DMX
1%	QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QZ-DALI-DT8
10%	Non-Dim Power Supply with RGB App Dongle	



# Q-CAP KURV™-BK RGB

24VDC Flexible Fixtures

DIMMING PROTOCOL	INDOOR	OUTDOOR
	RGB	RGB
DMX	QTM-eLED+DMX QZ-DMX	Q-SET-QZ-DMX QOM-eLED+DMX QZ-DMX
DALI-2: DT8	QT-CAB-eLED+DALI-DT8 QTM-eLED+DALI-DT8 QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QOM-eLED+DALI-DT8 QZ-DALI-DT8

## 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-J5**

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

**CON120-EXT**

10ft Con cable extender  
DRY/DMP/WET

**CON FOUR-FER**

Splits lead from one to four LED Con connectors  
DRY/DMP/WET

## COMPATIBLE CONTROL ACCESSORIES

**SCENE APP DONGLE**

Wi-Fi or Bluetooth Connectivity

## COMPATIBLE APPS

**NFC APP**

Read and write DMX addresses and adjust voltage