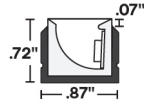
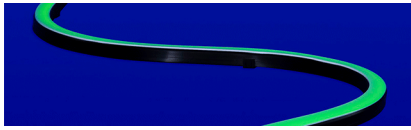




Q-CAP KURV™-BK RGBW

24VDC Flexible Fixtures



- Flexible encapsulated fixture with black housing
- Side bend
- 10" bend radius
- Interior and exterior rated
- Five different mounting options
- 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-RGBW					

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-RGBW-PPS-2-DRY-RGBW-30-6.0-ENC/TL-P1-BW-BW-N/A-48"-E**

1

PRODUCT

KURV-BK-RGBW

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

RGBW-27

RGBW-2700K

RGBW-30

RGBW-3000K

RGBW-27

RGBW-2700K

RGBW-30

RGBW-3000K

RGBW-35

RGBW-3500K

RGBW-40

RGBW-4000K

5

WATTAGE

6.0

6.0W-SO

SO: Standard Output

4.0HE

4.0WHE-SO

SO: Standard 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

PASS THROUGH (Input/Output)

P1

End Feed

P2

Bottom Feed

P3

Left Side Feed

P4

Right Side Feed

8

CONNECTOR/WIRE IN

BW

Bare Wire (Standard 24")

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")

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

CL

Clear

BK

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".

RGBW: Available in 4" increments.

RGBW-HE: Available in 2" increments.

12

EXACT/OPTIMAL

O

Optimal Illumination

E

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.

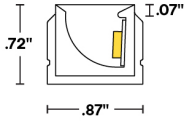
5 year warranty | Field modifications are not covered under QTL warranty | Side Bend | Data subject to change, all data has +/- 5% tolerance | PPS-FT is to be cut at QTL to requested length | Not field cuttable



Q-CAP KURV™-BK RGBW

24VDC Flexible Fixtures

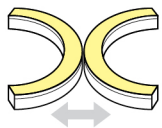
1 PRODUCT - DIMENSIONS



Profile
(Standard)

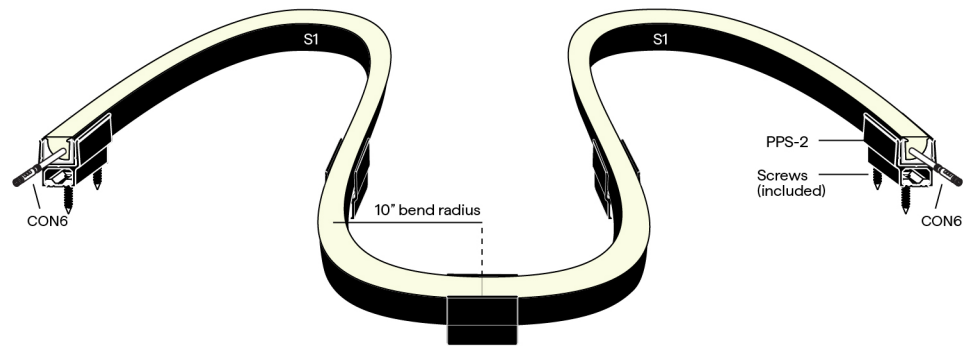
BEND RADIUS

Side Bend



10" bending radius

FLEXIBILITY



2 MOUNTING

PL

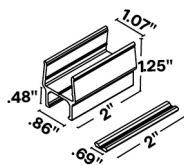


Plastic Clip
Black clip standard with
black extrusion

To order separately use PLC-03-BK

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

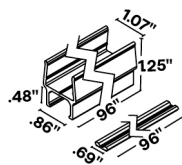
PPS-2



PVC Mounting Clip

To order separately use KURV-BK-PPS-2

PPS-96

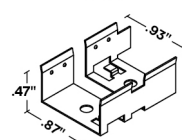


96" straight linear run

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 RGBW

24VDC Flexible Fixtures

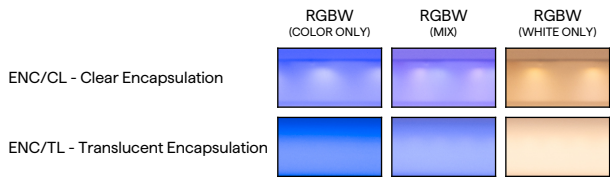
4 / 5 DELIVERED LUMENS

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

4.0HE W/FT Total Load						6.0W/FT Total Load					
CCT	3.0W/FT Per Channel				Circuit Wattage	6.0W/FT Per Channel				Circuit Wattage	
	LM	Wavelength	LM	Wavelength		LM	Wavelength	LM	Wavelength		
Red	33	630	32	633	1.3	32	633	1.3			
Green	105	514	95	513	1.5	95	513	1.5			
Blue	28	466	27	464	1.5	28	464	1.5			

1.0W/FT Per Channel						ENC/CL					
CCT	ENC/CL				Circuit Wattage	ENC/CL				Circuit Wattage	
	LM	CRI	LM	CRI		LM	CRI Ra	CRI R9	TM30 Rf	TM30 Rg	
2700K	99	94	78	94	1.7	85	92	67	87	105	17
3000K	104	92	92	91	1.7	93	93	69	89	102	17

6 DIODE VISIBILITY

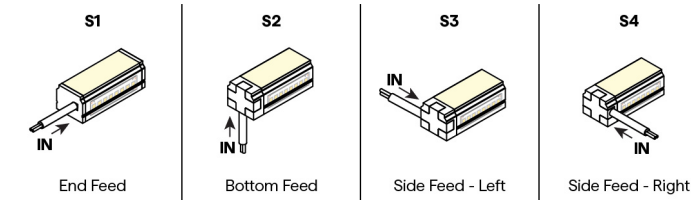


TEMPERATURE RATINGS

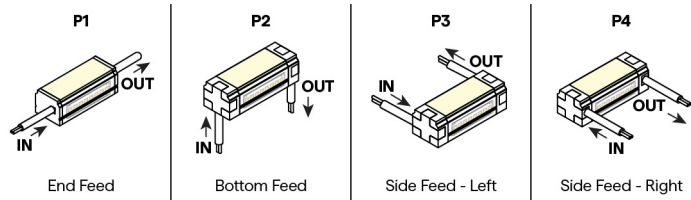
	6.0 W/FT		4.0 HE W/FT	
	Min	Max	Min	Max
Ambient Operating Temp - Surface	-4°F	105°F	-4°F	115°F
Storage Temp	-4°F	140°F	-4°F	176°F
Installation Temp	50°F	100°F	50°F	100°F

7 WIRE INPUT/OUTPUT

SINGLE (Input only)



PASS THROUGH (Input/Output)

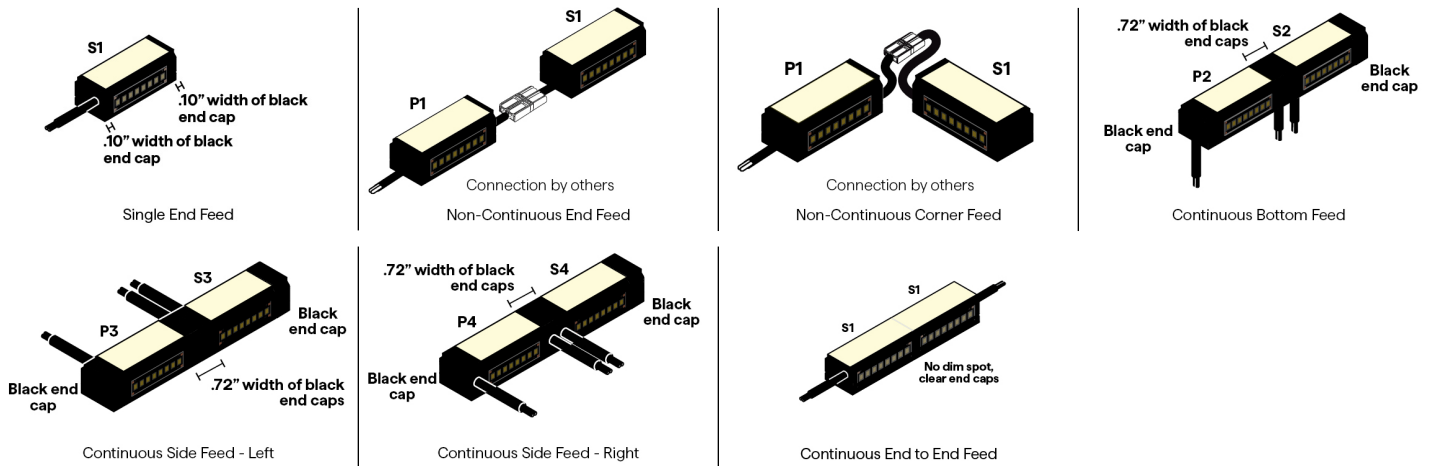




Q-CAP KURV™-BK RGBW

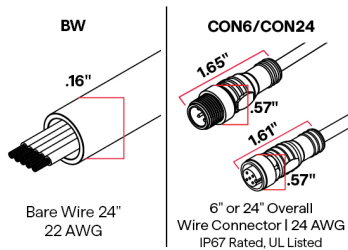
24VDC Flexible Fixtures

CONFIGURATION OPTIONS

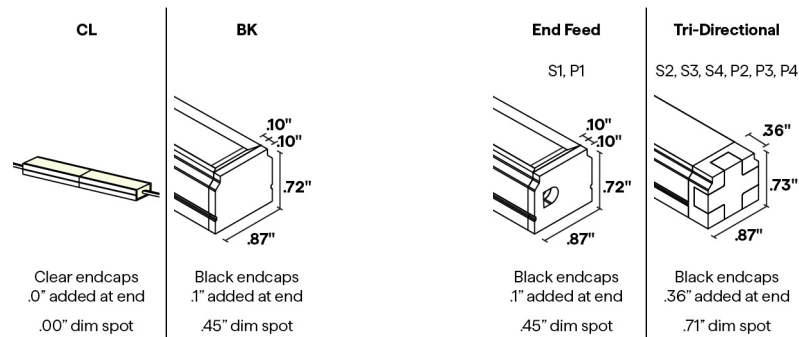


8 / 9 CONNECTOR/WIRE - IN/OUT

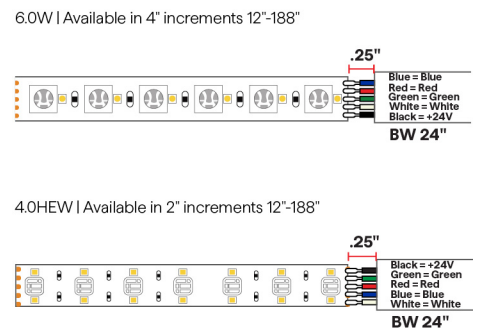
Connector/Wire In or Out not needed to specify product. Typical selection is S1 for Wire Input/Output, BW for Connector/Wire Out, and BK for End Caps



10 END CAPS (NO FEED)



11 LENGTH - WIRING DETAIL





Q-CAP KURV™-BK RGBW

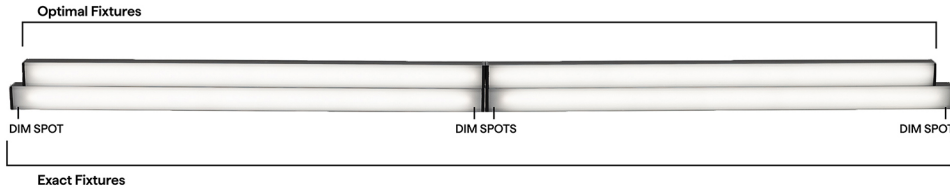
24VDC Flexible Fixtures

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.



RGBW 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"	2"
13"	.5"
14"	1"
15"	1.5"
16"	2"
17"	.5"
18"	1"
19"	1.5"
20"	2"
21"	.5"
22"	1"
23"	1.5"
24"	2"
36"	2"
48"	2"
60"	2"
72"	2"
84"	2"
96"	2"

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"	8.78"		9.11"		9.15"		9.83"	
13"	12.78"		9.11"		9.15"		9.83"	
14"	12.78"		13.11"		13.15"		13.83"	
15"	12.78"		13.11"		13.15"		13.83"	
16"	12.78"		13.11"		13.15"		13.83"	
17"	16.78"		13.11"		13.15"		13.83"	
18"	16.78"		17.11"		17.15"		17.83"	
19"	16.78"		17.11"		17.15"		17.83"	
20"	16.78"		17.11"		17.15"		17.83"	
21"	20.78"		17.11"		17.15"		21.83"	
22"	20.78"		21.11"		21.15"		21.83"	
23"	20.78"		21.11"		21.15"		21.83"	
24"	20.78"		21.11"		21.15"		21.83"	
36"	32.78"		33.11"		33.15"		33.83"	
48"	44.78"		45.11"		45.15"		45.83"	
60"	56.78"		57.11"		57.15"		57.83"	
72"	68.78"		69.11"		69.15"		69.83"	
84"	80.78"		81.11"		81.15"		81.83"	
96"	92.78"		93.11"		93.15"		93.83"	



Q-CAP KURV™-BK RGBW

24VDC Flexible Fixtures









RGBW-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		
	 End Feed	 Bottom Feed	 Side Feed - Left	 Side Feed - Right	 End Feed	 Bottom Feed	 Side Feed - Left	 Side Feed - Right	
12"	10.88"		11.18"		11.3"		10.05"		
13"	12.88"		11.18"		11.3"		12.05"		
14"	12.88"		13.18"		13.3"		12.05"		
15"	14.88"		13.18"		13.3"		14.05"		
16"	14.88"		15.18"		15.3"		14.05"		
17"	16.88"		15.18"		15.3"		16.05"		
18"	16.88"		17.18"		17.3"		16.05"		
19"	18.88"		17.18"		17.3"		18.05"		
20"	18.88"		19.18"		19.3"		18.05"		
21"	20.88"		19.18"		19.3"		20.05"		
22"	20.88"		21.18"		21.3"		22.05"		
23"	22.88"		21.18"		23.3"		22.05"		
24"	22.88"		23.18"		23.3"		22.05"		
36"	34.88"		35.18"		35.3"		34.05"		
48"	46.88"		47.18"		47.3"		46.05"		
60"	58.88"		59.18"		59.3"		58.05"		
72"	70.88"		71.18"		71.3"		70.05"		
84"	82.88"		83.18"		83.3"		82.05"		
96"	94.88"		95.18"		95.3"		94.05"		

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
	RGBW, RGBW-HE	RGBW, RGBW-HE
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 RGBW App Dongle	



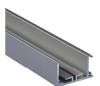
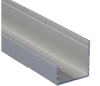



DIMMING PROTOCOL	INDOOR	OUTDOOR
	RGBW, RGBW-HE	RGBW, RGBW-HE
DMX	QTM-eLED+DMX QZ-DMX	Q-SET-QZ-DMX QOM-eLED+DMX QZ-DMX
DALI-2: DT8	QT-CAB-eLED+DALI-DT8 QTM-eLED+DALI-DT8 QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QOM-eLED+DALI-DT8 QZ-DALI-DT8
SCENE App Dimmed	Non-Dim Power Supply with RGBW App Dongle	



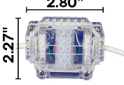


Q-CAP KURV™-BK RGBW

24VDC Flexible Fixtures

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
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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
--