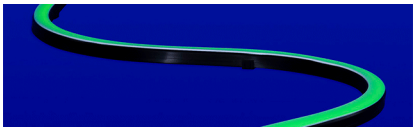
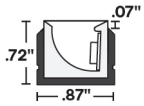
Q-CAP KURV™-BK RGBW-HE

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 PRODUCT	2 MOUNTING	3 RATED	4 CCT	5 WATTAGE	6 LENS
KURV-BK-RGBW				4.0HE	

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-RGBW-PPS-2-DRY-RGBW-30-4.0HE-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-35	RGBW-3500K
RGBW-40	RGBW-4000K

5 WATTAGE

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)

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

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".
RGBW-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 | PPS-FT is to be cut at QTL to requested length | Not field cuttable

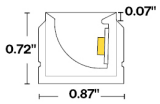
© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | www.QTL.lighting

Specification subject to change. Rev-10-13-26

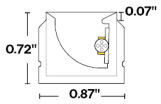
Q-CAP KURV™-BK RGBW-HE

24VDC Flexible Fixtures

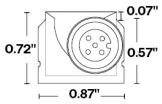
1 PRODUCT - DIMENSIONS



Profile
(Standard)



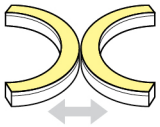
Profile
(S1 bare wire)



Profile
(S1 CON6-24)

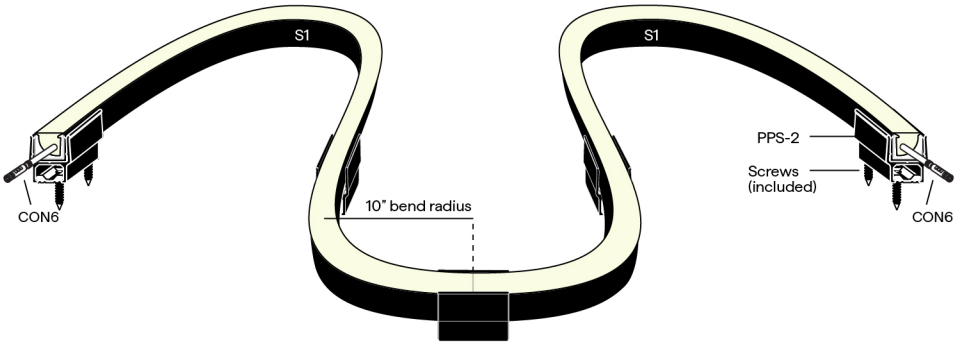
BEND RADIUS

Side Bend



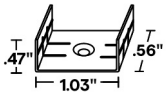
10" bending radius

FLEXIBILITY



2 MOUNTING

PL

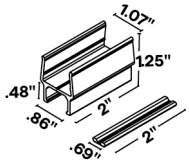


Plastic Clip
Black clip standard with black extrusion

To order separately use PLC-03-BK

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

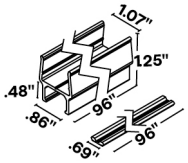
PPS-2



PVC Mounting Clip

To order separately use KURV-BK-PPS-2

PPS-96

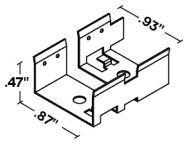


96" straight linear run

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'

© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | www.QTL.lighting

Specification subject to change. Rev-10-13-26

Q-CAP KURV™-BK RGBW-HE

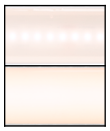
24VDC Flexible Fixtures

4 / 5 DELIVERED LUMENS

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

4.0HE W/FT Total Load					
CCT	3.0W/FT Per Channel				
	ENC/CL		ENC/TL		Circuit Wattage
	LM	Wavelength	LM	Wavelength	
Red	33	630	32	633	1.3
Green	105	514	95	513	1.5
Blue	28	466	27	464	1.5
CCT	1.0W/FT Per Channel				
	ENC/CL		ENC/TL		Circuit Wattage
	LM	CRI	LM	CRI	
2700K	99	94	78	94	1.7
3000K	104	92	92	91	1.7
3500K	**	**	**	**	**
4000K	**	**	**	**	**

6 DIODE VISIBILITY



ENC/CL - Clear encapsulation

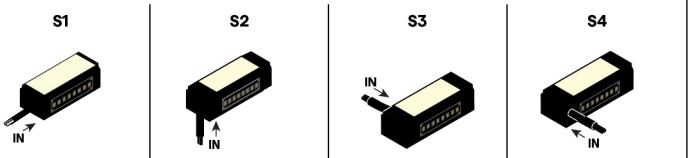
ENC/TL - Translucent encapsulation

TEMPERATURE RATINGS

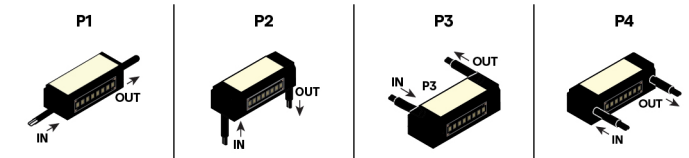
	4.0 HE W/FT	
	Min	Max
Ambient Operating Temp - Surface	-4°F	115°F
Storage Temp	-4°F	176°F
Installation Temp	50°F	100°F

7 WIRE INPUT/OUTPUT

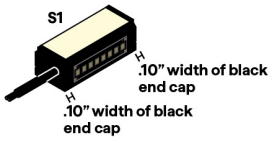
SINGLE (Input only)



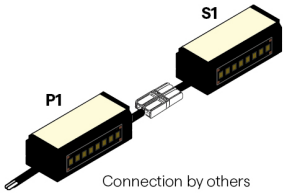
PASS THROUGH (Input/Output)



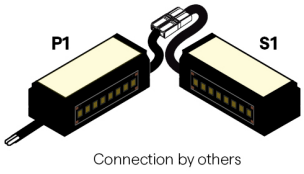
CONFIGURATION OPTIONS



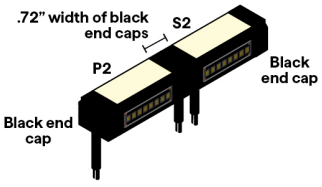
Single End Feed



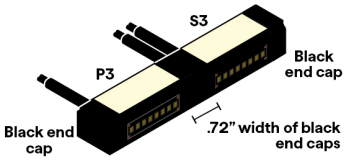
Non-Continuous End Feed



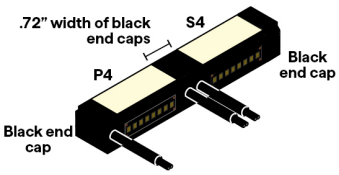
Non-Continuous Corner Feed



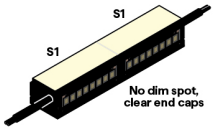
Continuous Bottom Feed



Continuous Side Feed - Left



Continuous Side Feed - Right



Continuous End to End Feed

© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | www.QTL.lighting

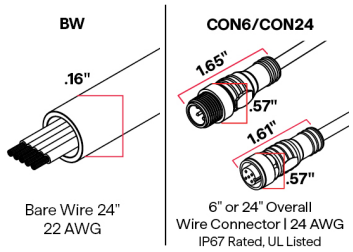
Specification subject to change. Rev-10-13-26

Q-CAP KURV™-BK RGBW-HE

24VDC Flexible Fixtures

8 / 9 CONNECTOR/WIRE – IN/OUT

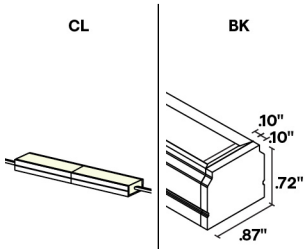
Connector/Wire In or Out not needed to specify product. Typical selection is S1 for Wire Input/Output, BW for Connector/Wire In, N/A for Connector/Wire Out, and BK for End Caps



Bare Wire 24"
22 AWG

6" or 24" Overall
Wire Connector | 24 AWG
IP67 Rated, UL Listed

10 END CAPS (NO FEED)



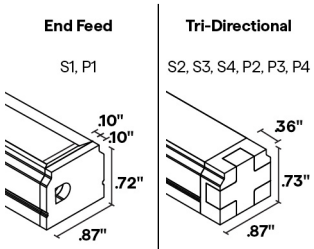
Clear endcaps
.0" added at end

.00" dim spot

Black endcaps
.1" added at end

.45" dim spot

END CAPS (WITH FEED)



Black endcaps
.1" added at end

.45" dim spot

Black endcaps
.36" added at end

.71" dim spot

11 LENGTH - WIRING DETAIL

4.0HEW | Available in 2" increments 12"-188"

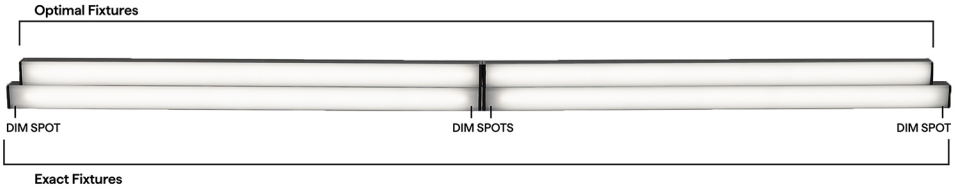


12 EXACT/OPTIMAL FIXTURE LENGTH

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.



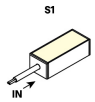
© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTLlighting | www.QTLighting

Q-CAP KURV™-BK RGBW-HE

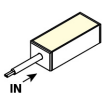
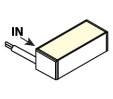
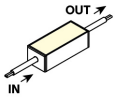
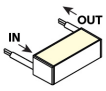
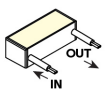
24VDC Flexible Fixtures

RGBW-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		
	 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"			11.30"	10.05"		
13"	12.88"	11.18"			11.30"	12.05"		
14"	12.88"	13.18"			13.30"	12.05"		
15"	14.88"	13.18"			13.30"	14.05"		
16"	14.88"	15.18"			15.30"	14.05"		
17"	16.88"	15.18"			15.30"	16.05"		
18"	16.88"	17.18"			17.30"	16.05"		
19"	18.88"	17.18"			17.30"	18.05"		
20"	18.88"	19.18"			19.30"	18.05"		
21"	20.88"	19.18"			19.30"	20.05"		
22"	20.88"	21.18"			21.30"	20.05"		
23"	22.88"	21.18"			21.30"	22.05"		
24"	22.88"	23.18"			23.30"	22.05"		
36"	34.88"	35.18"			35.30"	34.05"		
48"	46.88"	47.18"			47.30"	46.05"		
60"	58.88"	59.18"			59.30"	58.05"		
72"	70.88"	71.18"			71.30"	70.05"		
84"	82.88"	83.18"			83.30"	82.05"		
96"	94.88"	95.18"			95.30"	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+DALI-DT8-PS QOM-eLED+DMX 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	

© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | www.QTL.lighting

Q-CAP KURV™-BK RGBW-HE

24VDC Flexible Fixtures

COMPATIBLE MOUNTING ACCESSORIES

Q-ANGLE



Adjustable mounting accessory

NJ-LARGE



J Mounting Bracket

NU-LARGE



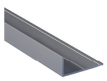
U Mounting Bracket

SD-J-LARGE



J Mounting Bracket

BL-LARGE



Backwards L Mounting Bracket

NL-LARGE



L Mounting Bracket

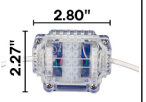
SD-L-LARGE



L Mounting Bracket

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

Q-NFC

Read and write DMX addresses and adjust voltage

© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | www.QTL.lighting