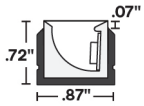
# Q-CAP KURV™-BK RGB

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
- 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-RGB | | | RGB | 6.0 | |

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

## 1 PRODUCT

**KURV-BK-RGB**

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

**RGB**

## 5 WATTAGE

**6.0** 6.0W-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".
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

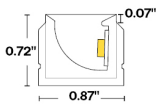
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Specification subject to change. Rev-10-13-26

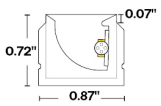
# Q-CAP KURV™-BK RGB

24VDC Flexible Fixtures

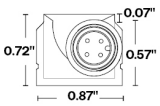
## 1 PRODUCT - DIMENSIONS




Profile
(Standard)



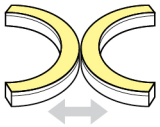

Profile
(S1 bare wire)




Profile
(S1 CON6-24)

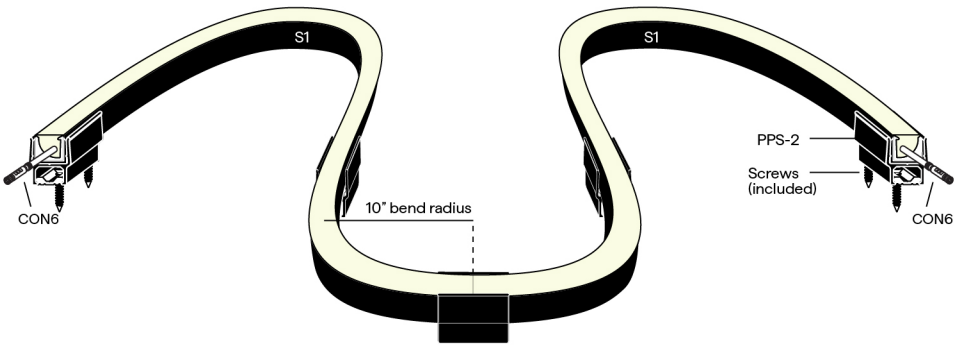
## BEND RADIUS

**Side Bend**



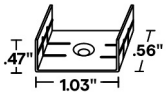
10" bending radius

## FLEXIBILITY




## 2 MOUNTING

**PL**

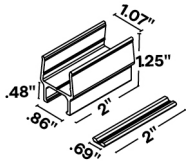



Plastic Clip
Black clip standard with black extrusion

To order separately use PLC-03-BK

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

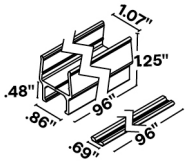
**PPS-2**




PVC Mounting Clip

To order separately use KURV-BK-PPS-2

**PPS-96**

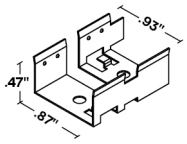



96" straight linear run

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'

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

# Q-CAP KURV™-BK RGB

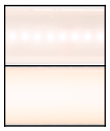
24VDC Flexible Fixtures

## 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



ENC/CL - Clear encapsulation

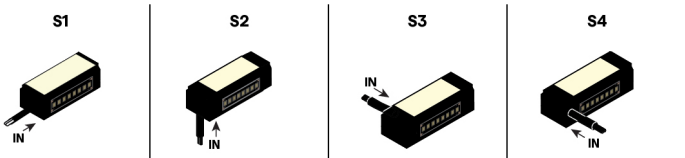
ENC/TL - Translucent encapsulation

## TEMPERATURE RATINGS

| | 6.0 W/FT | |
|---|---|---|
| | Min | Max |
| Ambient Operating Temp - Surface | -14°F | 100°F |
| Storage Temp | -13°F | 176°F |
| Installation Temp | 50°F | 100°F |

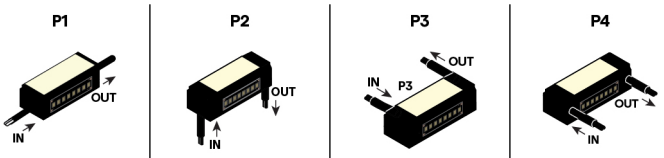
## 7 WIRE INPUT/OUTPUT

SINGLE (Input only)



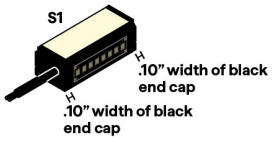

End Feed | Bottom Feed | Side Feed - Left | Side Feed - Right

PASS THROUGH (Input/Output)

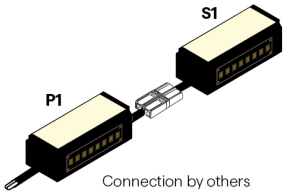



End Feed | Bottom Feed | Side Feed - Left | Side Feed - Right

## CONFIGURATION OPTIONS

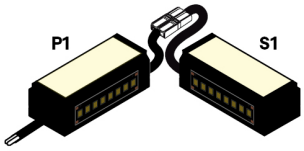



Single End Feed



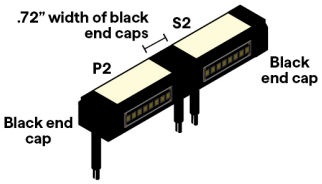

Connection by others

Non-Continuous End Feed

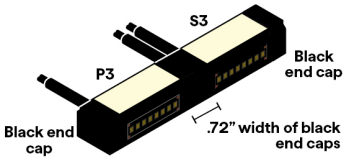



Connection by others

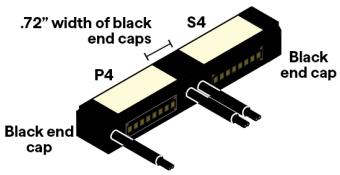
Non-Continuous Corner Feed



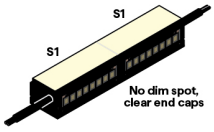

Continuous Bottom Feed




Continuous Side Feed - Left




Continuous Side Feed - Right




Continuous End to End Feed

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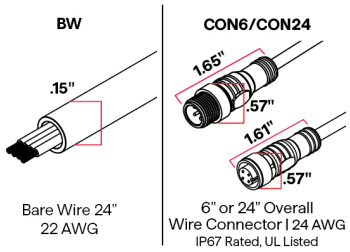
Specification subject to change. Rev-10-13-26

# Q-CAP KURV™-BK RGB

24VDC Flexible Fixtures

## 8/9 CONNECTOR/WIRE – IN/OUT

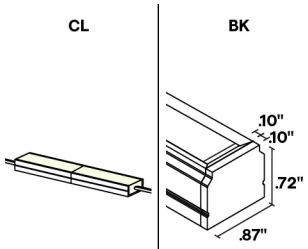
Connector/Wire In or Out not needed to specify product. Typical selection is S1 for Wire Input/Output, BW for Connector/Wire In, N/A for Connector/Wire Out, and BK for End Caps




Bare Wire 24"
22 AWG

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

## 10 END CAPS (NO FEED)



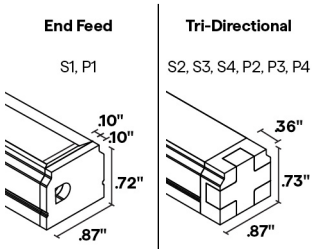

Clear endcaps
.0" added at end

.00" dim spot

Black endcaps
.1" added at end

.45" dim spot

## END CAPS (WITH FEED)




Black endcaps
.1" added at end

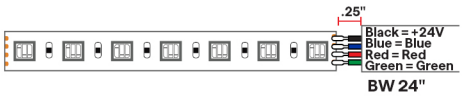
.45" dim spot

Black endcaps
.36" added at end

.71" dim spot

## 11 LENGTH - WIRING DETAIL

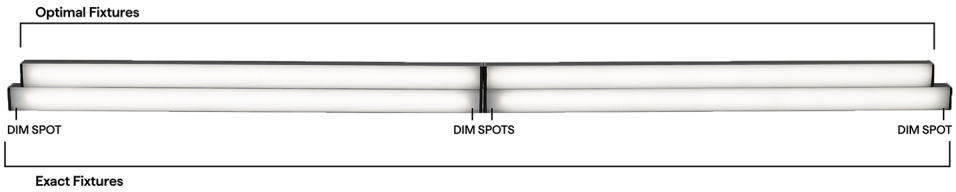
Available in 2" increments 12"-188"




## 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.




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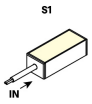
Specification subject to change. Rev-10-13-26

# Q-CAP KURV™-BK RGB

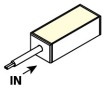
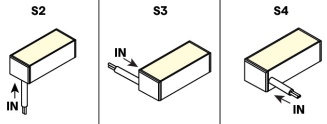
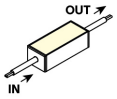
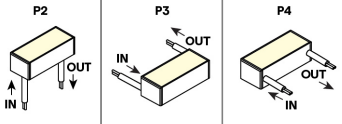
24VDC Flexible Fixtures

## RGB ENC LENGTHS BY INCH

### EXACT LENGTH

| Requested Length | Potential dim spot on either end of a S1 fixture   |
|---|---|
| 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   | | |
|---|---|---|---|---|---|---|---|---|
| | | S2 | S3 | S4 | | P2 | P3 | P4 |
| 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<br>QT-CAB-eLED+DMX<br>QTM-eLED+DALI-DT8<br>QTM-eLED+DMX<br>QZ-DMX | Q-SET-QZ-DMX<br>QOM-eLED+DALI-DT8<br>QOM-eLED+DALI-DT8-PS<br>QOM-eLED+DMX<br>QZ-DMX |
| 1% | QZ-DALI-DT8 | Q-SET+QZ-DALI-DT8<br>QZ-DALI-DT8 |
| 10% | Non-Dim Power Supply with RGB App Dongle | |

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

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# Q-CAP KURV™-BK RGB

24VDC Flexible Fixtures

## COMPATIBLE MOUNTING ACCESSORIES

**Q-ANGLE**




Adjustable mounting accessory

**NJ-LARGE**



J Mounting Bracket

**NU-LARGE**



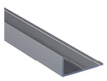
U Mounting Bracket

**SD-J-LARGE**



J Mounting Bracket

**BL-LARGE**



Backwards L Mounting Bracket

**NL-LARGE**



L Mounting Bracket

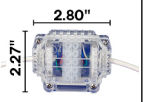
**SD-L-LARGE**



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**




Read and write DMX addresses and adjust voltage

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