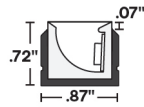




Q-CAP KURV™-BK RGB

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

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------|----------|-------|-----|---------|------|-------------------|-------------------|--------------------|----------|-------------|---------------|
| PRODUCT | MOUNTING | RATED | CCT | WATTAGE | LENS | WIRE INPUT/OUTPUT | CONNECTOR/WIRE IN | CONNECTOR/WIRE OUT | END CAPS | LENGTH (IN) | EXACT/OPTIMAL |
| KURV-BK-RGB | | | RGB | 6.0 | | | | | | | |

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

PPS-2

PPS-96

BN-SB-BK-16'

BN-SB-BK-32'

Plastic Clip

PVC Clip

PVC Channel

16' BENDIT Side Black Stainless Channel

32' BENDIT Side Black Stainless Channel

PPS mounting clip recommended for seamless applications

3

RATED

DRY

WET

IP20

IP67

4

CCT

RGB

5

WATTAGE

6.0

6.0W-SO

SO: Standard 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

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

P1

P2

P3

P4

Pass Through 1 (Input/Output) - End Feed

Pass Through 2 (Input/Output) - Bottom Feed

Pass Through 3 (Input/Output) - Left Side Feed

Pass Through 4 (Input/Output) - Right Side 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)

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)

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)

10

END CAPS

CL

BK

Clear

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". Available in 2" increments.

12

EXACT/OPTIMAL

O

E

Optimal Illumination

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.

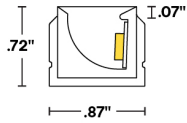
5 year warranty | Field modifications are not covered under QTL warranty | Side Bend | Data subject to change, all data has +/- 5% tolerance | PPS-FT is to be cut at QTL to requested length | Not field cuttable



Q-CAP KURV™-BK RGB

24VDC Flexible Fixtures

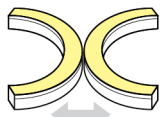
1 PRODUCT - DIMENSIONS



Profile
(Standard)

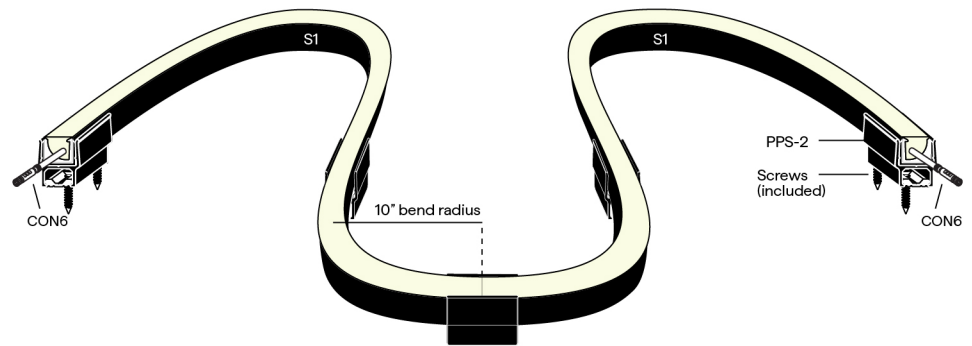
BEND RADIUS

Side Bend



10" bending radius

FLEXIBILITY



2 MOUNTING

PL

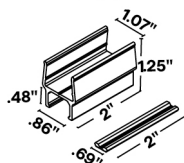


Plastic Clip
Black clip standard with
black extrusion

To order separately use PLC-03-BK

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

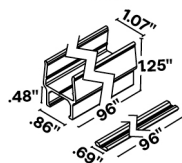
PPS-2



PVC Mounting Clip

To order separately use KURV-BK-PPS-2

PPS-96

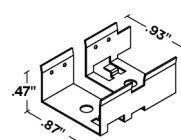


96" straight linear run

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 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

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)

S1

End Feed

S2

Bottom Feed

S3

Side Feed - Left

S4

Side Feed - Right

PASS THROUGH (Input/Output)

P1

End Feed

P2

Bottom Feed

P3

Side Feed - Left

P4

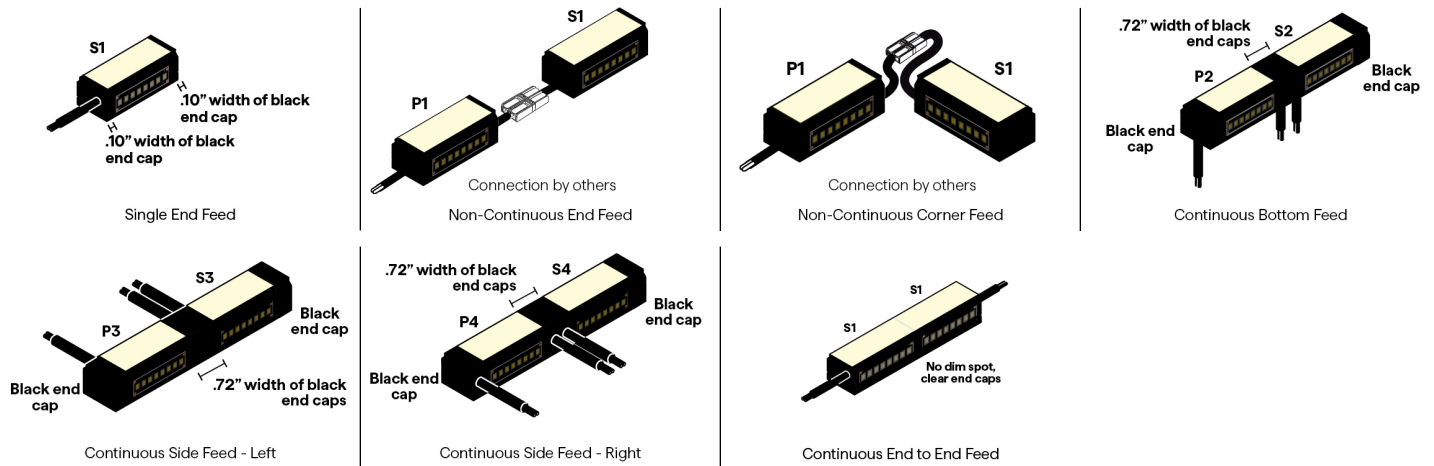
Side Feed - Right



Q-CAP KURV™-BK RGB

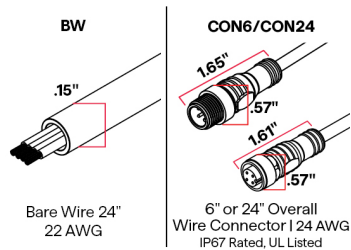
24VDC Flexible Fixtures

CONFIGURATION OPTIONS

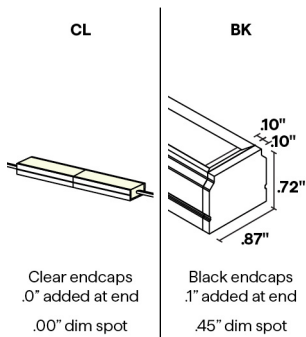


8 / 9 CONNECTOR/WIRE - IN/OUT

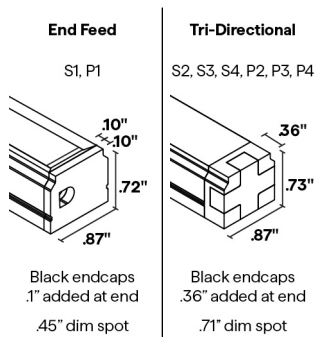
Connector/Wire In or Out not needed to specify product. Typical selection is S1 for Wire Input/Output, BW for Connector/Wire In, N/A for Connector/Wire Out, and BK for End Caps



10 END CAPS (NO FEED)

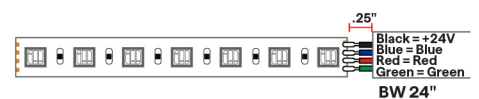


END CAPS (WITH FEED)



11 LENGTH - WIRING DETAIL

Available in 2" increments 12"-188"





Q-CAP KURV™-BK RGB

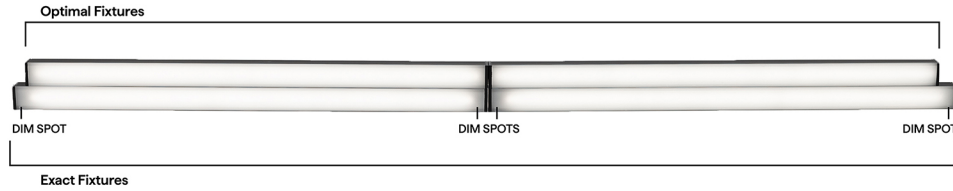
24VDC Flexible Fixtures

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