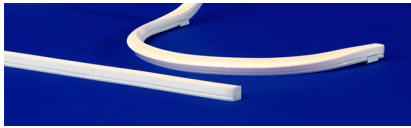# Q-CAP ANYBEND™ FOR TUNABLE APPLICATIONS
## 24VDC Flexible Fixtures

- Flexible encapsulated fixture
- Both up/down bend and side bend
- Interior and exterior rated (not including FC)
- Four different mounting options
- Utilize clear endcaps for continuous runs
- 60% smaller than QTL's KURV fixture
- When using DALI and DMX power supplies, LED wattage must be doubled
- Do not cut Non-Field Cuttable Q-CAP flexible fixtures
- IK10 impact rated

.38"
.38"

## ORDERING PROCESS

**A** Specify Non-Field Cuttable Q-CAP

**B** (Optional) Specify field cuttable 4' piece - used to adjust total run length in the field (dry applications only)

## A. NON-FIELD CUTTABLE Q-CAP

### INFORMATION REQUIRED FOR LIGHTING SCHEDULE

| A1 PRODUCT | A2 MOUNTING | A3 RATED | A4 CCT | A5 WATTAGE | A6 LENS |
|---|---|---|---|---|---|
| | | | | 2.0 | |

### ADDITIONAL INFORMATION REQUIRED TO ORDER

| A7 WIRE INPUT/OUTPUT | A8 CONNECTOR/WIRE IN | A9 CONNECTOR/WIRE OUT | A10 END CAPS | A11 LENGTH (IN) | A12 EXACT/OPTIMAL |
|---|---|---|---|---|---|
| | | | | | |

Sample Part Number: **ANBD-DW-PPS-2-DRY-24/30-2.0-ENC/TL-P1A-BW-BW-N/A-48"-E**

### A1 PRODUCT

**ANBD-DW**
**ANBD-DW-USA**

Select USA option for BA, BAA and BABA projects.

LED engine is built with 3 wires requiring 0-10v, DMX or DALI control. Using DALI, DMX, or non QTL power supplies may double watts/ft. See last page for compatible power supplies.

### A2 MOUNTING

| | |
|---|---|
| **PPS-2** | PVC Clip |
| **PPS-96** | PVC Channel |
| **PPS-LP-2** | PVC Low Profile Clip |
| **PPS-LP-96** | PVC Low Profile Channel |
| **WSC** | White Snug Clip |
| **BN-SB-SST-16'** | 16' BENDIT Side Stainless Steel Channel |
| **BN-SB-SST-32'** | 32' BENDIT Side Stainless Steel Channel |
| **BN-SB-WH-16'** | 16' BENDIT Side White Stainless Channel |
| **BN-SB-WH-32'** | 32' BENDIT Side White Stainless Channel |
| **BN-UD-SST-16'** | 16' BENDIT Up/Down Stainless Steel Channel |
| **BN-UD-SST-32'** | 32' BENDIT Up/Down Stainless Steel Channel |
| **BN-UD-WH-16'** | 16' BENDIT Up/Down White Stainless Channel |
| **BN-UD-WH-32'** | 32' BENDIT Up/Down White Stainless Channel |

White snug clip only for indirect cove use, not intended for hanging fixtures upside down.

### A3 RATED

| | |
|---|---|
| **DRY** | IP20 |
| **WET** | IP67 |

### A4 CCT

| | |
|---|---|
| **24/30** | 2400K/3000K |
| **27/40** | 2700K/4000K |

### A5 WATTAGE

**2.0** 2.0W-SO

SO: Standard Output

### A6 LENS

| | |
|---|---|
| **ENC/CL** | Encapsulated in Clear |
| **ENC/TL** | Encapsulated in Translucent |

For representation of LED visibility, see Diode Visibility section on following pages

### A7 WIRE INPUT/OUTPUT

**SINGLE (Input only)**

| | |
|---|---|
| **S1A** | End Feed |
| **S1B** | End Feed |

**PASS THROUGH (Input/Output)**

| | |
|---|---|
| **P1A** | End Feed |
| **P1B** | End Feed |

### A8 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)

### A9 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)

### A10 END CAPS

**Single**
| | |
|---|---|
| **CL** | Clear |
| **WH** | White |

**Pass Through**
| | |
|---|---|
| **N/A** | Not Applicable |

### A11 LENGTH (IN)

Minimum length is 12", maximum length is 191" not including end caps. Contact us for lengths under 12". Available in 2" increments.

### A12 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.

## B. FIELD CUTTABLE Q-CAP

### INFORMATION REQUIRED FOR LIGHTING SCHEDULE

| B1 | B2 | B3 | B4 | B5 | B6 |
|----|----|----|----|----|----|
| **PRODUCT** | **MOUNTING** | **RATED** | **CCT** | **WATTAGE** | **LENS** |
| ANBD-FC-DW | | DRY | | 2.0 | |

### ADDITIONAL INFORMATION REQUIRED TO ORDER

| B7 | B8 | B9 | B10 | B11 | B12 |
|----|----|----|----|----|----|
| **WIRE INPUT/ OUTPUT** | **CONNECTOR/ WIRE IN** | **CONNECTOR/ WIRE OUT** | **END CAPS** | **LENGTH (IN)** | **EXACT/ OPTIMAL** |
| | | N/A | CL | 48" | N/A |

Sample Part Number: **ANBD-DW-PPS-2-DRY-24/30-2.0-ENC/TL-P1A-BW-BW-N/A-48"-E**

---

### B1 — PRODUCT

**ANBD-FC-DW**

LED engine is built with 3 wires requiring 0-10v, DMX or DALI control. Using DALI, DMX, or non QTL power supplies may double watts/ft. See last page for compatible power supplies.

### B2 — MOUNTING

| | |
|---|---|
| **PPS-2** | PVC Clip |
| **PPS-96** | PVC Channel |
| **PPS-LP-2** | PVC Low Profile Clip |
| **PPS-LP-96** | PVC Low Profile Channel |
| **WSC** | White Snug Clip |
| **BN-SB-SST-16'** | 16' BENDIT Side Stainless Steel Channel |
| **BN-SB-SST-32'** | 32' BENDIT Side Stainless Steel Channel |
| **BN-SB-WH-16'** | 16' BENDIT Side White Stainless Channel |
| **BN-SB-WH-32'** | 32' BENDIT Side White Stainless Channel |
| **BN-UD-SST-16'** | 16' BENDIT Up/Down Stainless Steel Channel |
| **BN-UD-SST-32'** | 32' BENDIT Up/Down Stainless Steel Channel |
| **BN-UD-WH-16'** | 16' BENDIT Up/Down White Stainless Channel |
| **BN-UD-WH-32'** | 32' BENDIT Up/Down White Stainless Channel |

White snug clip only for indirect cove use, not intended for hanging fixtures upside down.

### B3 — RATED

| | |
|---|---|
| **DRY** | IP20 |

### B4 — CCT

| | |
|---|---|
| **24/30** | 2400K/3000K |
| **27/40** | 2700K/4000K |

---

### B5 — WATTAGE

| | |
|---|---|
| **2.0** | 2.0W-SO |

SO: Standard Output

### B6 — LENS

| | |
|---|---|
| **ENC/CL** | Encapsulated in Clear |
| **ENC/TL** | Encapsulated in Translucent |

For representation of LED visibility, see Diode Visibility section on following pages

### B7 — WIRE INPUT/OUTPUT

**SINGLE (Input only)**

| | |
|---|---|
| **S1A** | End Feed |
| **S1B** | End Feed |

### B8 — 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)

### B9 — CONNECTOR/WIRE OUT

| | |
|---|---|
| **N/A** | Closed End (No feed) |

---

### B10 — END CAPS

| | |
|---|---|
| **CL** | Clear |

Due to cutting, white endcaps are not available.

**Single ▶**

### B11 — LENGTH (IN)

| | |
|---|---|
| **48"** | Nominal |

Starting Run length is 48.475" for S1A & S1B
Each cut point subtracts from the Starting Run Length
2.0 has a 2" cut point
S1A, S1B can be cut down to as little as 2.475"
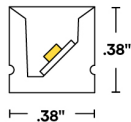
### B12 — EXACT/OPTIMAL

**N/A**

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Specification subject to change. Rev-10-21-25

# Q-CAP ANYBEND™ FOR TUNABLE APPLICATIONS
24VDC Flexible Fixtures

## 1 PRODUCT - DIMENSIONS

.38"
.38"

Profile
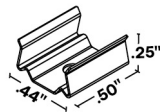(Standard)

## BEND RADIUS

**Up/Down Bend**

9" bending radius

**Side Bend**

9" bending radius

## FLEXIBILITY

S1
S1
CON6
Screws (included)
PPS-2
9" bend radius

S1
S1
CON6
PPS-2
Screws (included)
9" bend radius

## 2 MOUNTING
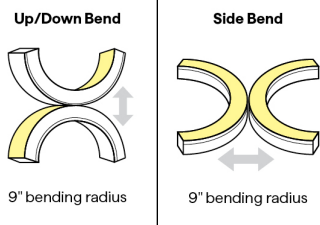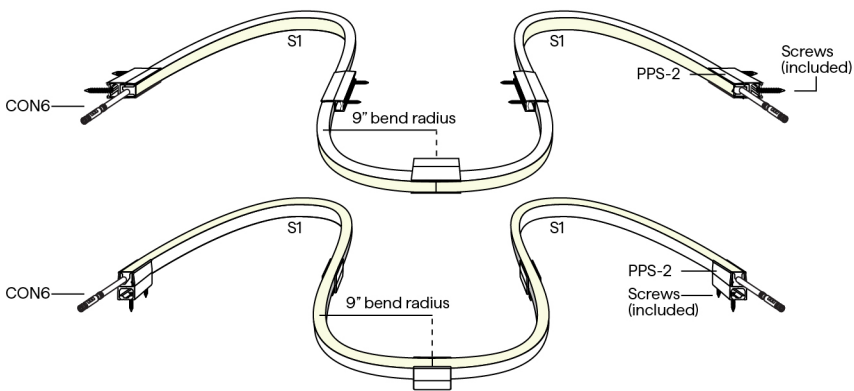
| WSC | PPS-2 | PPS-96 | PPS-LP-2 | PPS-LP-96 |
|---|---|---|---|---|
| .25" .44" .50" | .94" .48" .56" .46" 2" 2" | .94" .48" .56" 96" .46" 96" | .47" .56" 2" | .47" .56" 96" |
| White Snug Clip Indirect uplight | PVC Mounting Clip | 96" straight linear run | Low profile PVC Mounting Clip | Low profile PVC channel 96" straight linear run |
| To order separately use WSC-02 | To order separately use MICRO5-PPS2 | To order separately use MICRO5-PPS-96 | To order separately use MICRO5-PPS-LP-2 | To order separately use MICRO5-PPS-LP-96 |
| Each clip comes with a #4x5/8" flat screw | | Each clip comes with a #6" flat screw | | Each clip comes with a #6" flat screw |

## MOUNTING CONTINUED

### BN-SB
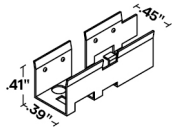
**BENDIT Channel**
Horizontal Stainless Steel
Flexible Channel

Continuous mounting solution for flexible fixtures, 16' or 32' field cuttable lengths

To order separately use either MICRO5-BN-SB-SST-16', MICRO5-BN-SB-SST-32', MICRO5-BN-SB-WH-16', or MICRO5-BN-SB-WH-32'

64 #4-40 1/2" screws provided per 16'

### BN-UD
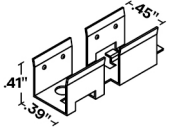
**BENDIT Channel**
Vertical Stainless Steel
Flexible Channel

Continuous mounting solution for flexible fixtures, 16' or 32' field cuttable lengths

To order separately use either MICRO5-BN-UD-SST-16', MICRO5-BN-UD-SST-32', MICRO5-BN-UD-WH-16', or MICRO5-BN-UD-WH-32'

64 #4-40 1/2" screws provided per 16'

## 4 / 5 DELIVERED LUMENS

[Calculated L70 = 40000 hrs]
Tested with ANBD-DW-WSC-DRY

| CCT | 2.0W/FT Total Load | | | | Circuit Wattage |
| | ENC/CL | | ENC/TL | | |
| | LM | CRI | LM | CRI | LM |
|---|---|---|---|---|---|
| 2400K | 140 | 94 | 135 | 93 | 1.90 |
| 2700K | 140 | 94 | 130 | 92 | 1.90 |
| 3000K | 148 | 96 | 136 | 96 | 1.90 |
| 3500K | 158 | 98 | 138 | 98 | 1.90 |
| 4000K | 46 | 97 | 53 | 98 | 122 |

## 6 DIODE VISIBILITY

ENC/CL - Clear encapsulation

ENC/TL - Translucent encapsulation

## TEMPERATURE RATINGS

| | DW 2.0 W/FT | | DW 4.0 W/FT | |
| | QTL power supply other than DALI, DMX | | DALI, DMX, or non-QTL power supply | |
| | Min | Max | Min | Max |
|---|---|---|---|---|
| Ambient Operating Temp - Surface | -4°F | 135°F | -4°F | 110°F |
| Storage Temp | -4°F | 140°F | -4°F | 140°F |
| Install Temp | 50°F | 100°F | 50°F | 100°F |

## BUG RATING

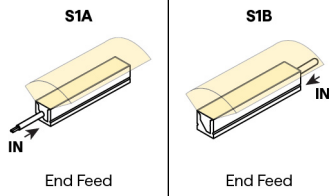| WATTAGE | B | U | G |
|---|---|---|---|
| 2.0 (ALL CCTs) | B0 | U1 | G0 |

# Q-CAP ANYBEND™ FOR TUNABLE APPLICATIONS
## 24VDC Flexible Fixtures

## 7 WIRE INPUT/OUTPUT

ASYMMETRIC ONLY SINGLE (Input only)

**S1A**
IN
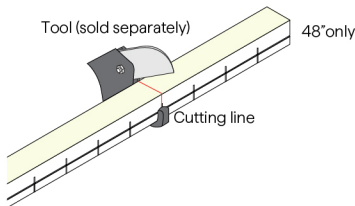End Feed

**S1B**
IN
End Feed

ASYMMETRIC ONLY PASS THROUGH (Input/Output) - Only applicable for Non-Field Cuttable Q-CAP

**P1A**
OUT
IN
End Feed

**P1B**
IN
OUT
End Feed

## CONFIGURATION OPTIONS

**S1A**
.01" width of end cap
.01" width of end cap
Single End Feed

**S1B**
.01" width of end cap
Single End Feed

**S1A**
**P1A**
Connection by others
Non-Continuous End Feed

**P1B**
**S1B**
Connection by others
Non-Continuous End Feed

**P1A**      **S1A**
Connection by others
Non-Continuous Corner Feed

**S1B**      **P1B**
Connection by others
Non-Continuous Corner Feed

**S1B**
**S1A**
No dim spot, clear endcaps
Continuous End to End Feed

**Field Cuttable Fixture**
**S1B**
**S1A**
No dim spot, clear endcaps
**Standard Fixture**
Field Cuttable - Continuous End to End Feed

## FIELD CUTTABLE MARKING
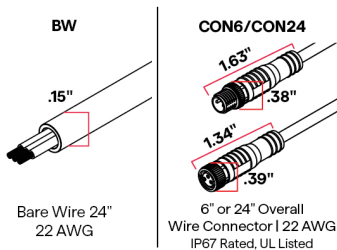
Tool (sold separately)
48"only
Cutting line

Field cuttable fixtures are sold in 4' increments and go at the end of a run, allowing for easy field adjustment

4'     16'
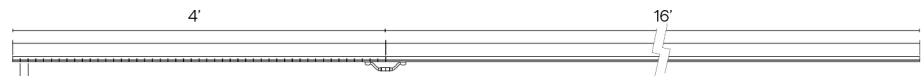
**Note:** Only FC fixtures are field cuttable — Do not attempt to cut non FC fixtures.
Cut only on the marked cut lines. Only cut from non-feed end. Do not attempt to cut while power is on.

## 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 WH for End Caps
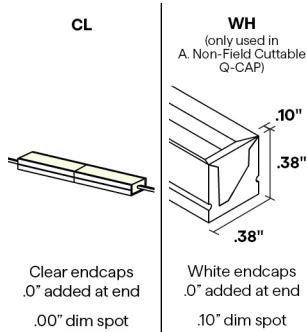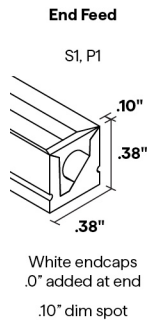
**BW**
.15"
Bare Wire 24"
22 AWG

**CON6/CON24**
1.63"
.38"
1.34"
.39"
6" or 24" Overall
Wire Connector | 22 AWG
IP67 Rated, UL Listed

## 10 END CAPS (NO FEED)

**CL**



Clear endcaps
.0" added at end

.00" dim spot

**WH**
(only used in
A. Non-Field Cuttable
Q-CAP)



.10"

.38"

.38"

White endcaps
.0" added at end

.10" dim spot

## END CAPS (WITH FEED)

**End Feed**

S1, P1



.10"

.38"

.38"

White endcaps
.0" added at end

.10" dim spot

## 11 LENGTH - WIRING DETAIL

Available in 2" increments 12"-191"



.25"
Black=+24V
Red = WW
Blue = SW

BW 24"

## 12 EXACT/OPTIMAL FIXTURE LENGTH

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.

**Optimal Fixtures**



DIM SPOT          DIM SPOTS          DIM SPOT
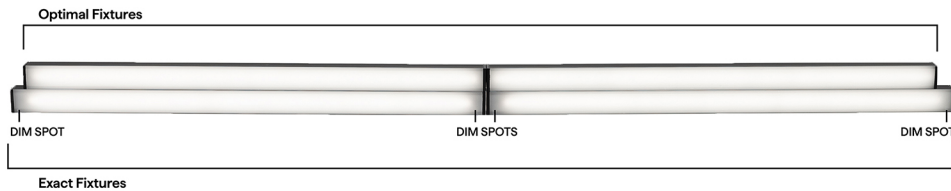
**Exact Fixtures**

## DW 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 |
|---|---|
| 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 | S1A/B S1 End Feed | P1A/B P1 OUT IN End Feed |
|---|---|---|
| 12" | 10.63" | 11" |
| 13" | 12.63" | 13" |
| 14" | 12.63" | 13" |
| 15" | 14.63" | 15" |
| 16" | 14.63" | 15" |
| 17" | 16.63" | 17" |
| 18" | 16.63" | 17" |
| 19" | 18.63" | 19" |
| 20" | 18.63" | 19" |
| 21" | 20.63" | 21" |
| 22" | 20.63" | 21" |
| 23" | 22.63" | 23" |
| 24" | 22.63" | 23" |
| 36" | 34.63" | 35" |
| 48" | 46.63" | 47" |
| 60" | 58.63" | 59" |
| 72" | 70.63" | 71" |
| 84" | 82.63" | 83" |
| 96" | 94.63" | 95" |

# Q-CAP ANYBEND™ FOR TUNABLE APPLICATIONS
## 24VDC Flexible Fixtures

## 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 |
|---|---|---|
| | MICRO 5-DW Tunable Applications | MICRO 5-DW Tunable Applications |
| 0.1% | QT-CAB-eLED+DALI-DT6<br>QT-CAB-eLED+DALI-DT8<br>QT-CAB-eLED+DALI-DT8-AWN<br>QT-CAB-eLED+TW<br>QT-CAB-eLED+TW-AWN<br>QTM-eLED+DALI-DT6<br>QTM-eLED+DALI-DT8<br>QTM-eLED+DALI-DT8-AWN<br>QTM-eLED+TW<br>QTM-eLED+TW-AWN | Q-SET-QZ-DMX<br>QOM-eLED+DALI-DT6<br>QOM-eLED+DALI-DT8<br>QOM-eLED+PS-DALI-DT6<br>QOM-eLED+PS-DALI-DT8<br>QOM-eLED+TW |
| 1% | QZ-DALI-DT8 | Q-SET+QZ-DALI-DT8<br>QZ-DALI-DT8 |
| 10% | Non-Dim Power Supply with TW App Dongle | |

| DIMMING PROTOCOL | INDOOR | OUTDOOR |
|---|---|---|
| | MICRO 5-DW Tunable Applications | MICRO 5-DW Tunable Applications |
| 0-10V | QT-CAB-eLED+TW<br>QT-CAB-eLED+TW-AWN<br>QTM-eLED+TW<br>QTM-eLED+TW-AWN | QOM-eLED+TW |
| Lutron Athena | QT-CAB-eLED+DALI-DT8-AWN<br>QT-CAB-eLED+TW-AWN<br>QTM-eLED+DALI-DT8-AWN<br>QTM-eLED+TW-AWN | |
| DMX<br>LED wattage must be doubled for DW-HE products | | Q-SET-QZ-DMX |
| DALI-2: DT6<br>LED wattage must be doubled for DW-HE products except for AWN | QT-CAB-eLED+DALI-DT6<br>QTM-eLED+DALI-DT6 | QOM-eLED+DALI-DT6 |
| DALI-2: DT8<br>LED wattage must be doubled for DW-HE products except for AWN | QT-CAB-eLED+DALI-DT8<br>QT-CAB-eLED+DALI-DT8-AWN<br>QTM-eLED+DALI-DT8<br>QTM-eLED+DALI-DT8-AWN<br>QZ-DALI-DT8 | Q-SET+QZ-DALI-DT8<br>QOM-eLED+DALI-DT8<br>QZ-DALI-DT8 |
| SCENE App Dimmed | Non-Dim Power Supply with TW App Dongle | |

## COMPATIBLE MOUNTING ACCESSORIES

| NJ-MICRO | BL-MICRO | NL-MICRO | SD-L-MICRO | iQ-QCAP-UNV-CUTTER |
|---|---|---|---|---|
|  |  |  |  |  |
| J Mounting Bracket | Backwards L Mounting Bracket | L Mounting Bracket | L Mounting Bracket | QTL recommended FC Cutter |

## COMPATIBLE WIRING ACCESSORIES

**Q-mini-J5**

2.80"

2.27"
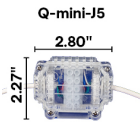
UL Listed, miniature
junction box, DRY/DMP
(WET rated with silicone)

## COMPATIBLE CONTROL ACCESSORIES

**SCENE APP DONGLE**

1.36"

2.58"

Wi-Fi or Bluetooth
Connectivity

## COMPATIBLE APPS

**NFC APP**

Q-NFC

Read and write
DMX addresses and
adjust voltage