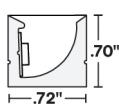




Q-CAP KURV™ FOR WARM DIM APPLICATIONS

24VDC Flexible Fixtures



- Flexible encapsulated fixture
- Side bend
- 6" bend radius
- Interior and exterior rated (not including FC)
- Seven different mounting options
- Available in a seamless configuration for a continuous line of light
- Utilize clear endcaps for continuous runs
- 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

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

| A1 | A2 | A3 | A4 | A5 | A6 | A7 | A8 | A9 | A10 | A11 | A12 |
|---------|----------|-------|-----|---------|------|-------------------|-------------------|--------------------|----------|-------------|----------------|
| PRODUCT | MOUNTING | RATED | CCT | WATTAGE | LENS | WIRE INPUT/OUTPUT | CONNECTOR/WIRE IN | CONNECTOR/WIRE OUT | END CAPS | LENGTH (IN) | EXACT/ OPTIMAL |
| | | | | | | | | | | | |

Sample Part Number: KURV-DW-PPS-2-DRY-24/30-1.5HE-ENC/TL-P1-BW-BW-N/A-48"-E

| | | | | |
|--|--|--|--|---|
| A1 PRODUCT KURV-DW KURV-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 RLC Rigid Lock Channel MC Magnetic Clip SGC Side Graze Channel 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 White snug clip only for indirect cove use, not intended for hanging fixtures upside down. PPS mounting clip recommended for seamless applications | A3 RATED DRY IP20 WET IP67 | A4 CCT 24/30 2400K/3000K 27/40 2700K/4000K | A5 WATTAGE 1.5HE 1.5WHE-SO 2.5HE 2.5WHE-HO SO: Standard Output HO: High 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 S1 Single 1 (Input only) - End Feed S2 Single 2 (Input only) - Bottom Feed S3 Single 3 (Input only) - Left Side Feed S4 Single 4 (Input only) - Right Side Feed S5 Single 5 (Input only) - Seamless Feed S6 Single 6 (Input only) - Seamless Feed P1 Pass Through 1 (Input/Output) - End Feed P2 Pass Through 2 (Input/Output) - Bottom Feed P3 Pass Through 3 (Input/Output) - Left Side Feed P4 Pass Through 4 (Input/Output) - Right Side Feed P5 Pass Through 5 (Input/Output) - Seamless Feed P6 Pass Through 6 (Input/Output) - Seamless 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) | A9 CONNECTOR/WIRE OUT N/A Closed End (No feed) | |
| A10 END CAPS CL Clear WH White 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. | | |

5 year warranty | Warranty only valid with QTL power supplies | Side Bend | Data subject to change, all data has +/- 5% tolerance | Ambient or mounting surface must not be lower than -4°F or higher than: 1.5HE - 125°F; 2.5HE - 115°F | Patent # D863646 S, 10,619,828 B2 | Only FC fixtures are Field-Cuttable per installation instructions | Field Cuttable is not returnable or refundable after it has been cut



Q-CAP KURV™ FOR WARM DIM APPLICATIONS

24VDC Flexible Fixtures

B. FIELD CUTTABLE Q-CAP

| B1 PRODUCT | B2 MOUNTING | B3 RATED | B4 CCT | B5 WATTAGE | B6 LENS | B7 WIRE INPUT/OUTPUT | B8 CONNECTOR/WIRE IN | B9 CONNECTOR/WIRE OUT | B10 END CAPS | B11 LENGTH (IN) | B12 EXACT/ OPTIMAL |
|---------------|----------------|-------------|-----------|---------------|------------|-------------------------|-------------------------|--------------------------|-----------------|--------------------|-----------------------|
| KURV-FC-DW | DRY | | | | | | | N/A | CL | 48" | N/A |

Sample Part Number: KURV-DW-PPS-2-DRY-24/30-1.5HE-ENC/TL-P1-BW-BW-N/A-48"-E

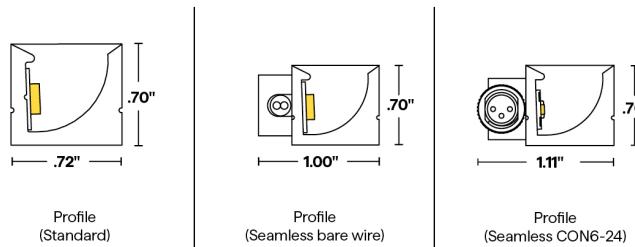
| | | | | |
|--|--|--|---|---|
| B1 PRODUCT KURV-FC-DW LED engine is built with 3 wires requiring 0-10v, DMX or DALI control. Using DALI, DMX, or non QTL power supplies may double watts/ft. See last page for compatible power supplies. | B2 MOUNTING RLC Rigid Lock Channel MC Magnetic Clip SGC Side Graze Channel 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 White snug clip only for indirect cove use, not intended for hanging fixtures upside down. PPS mounting clip recommended for seamless applications | B3 RATED DRY IP20 | B4 CCT 24/30 2400K/3000K 27/40 2700K/4000K | B5 WATTAGE 1.5HE 1.5WHE-SO 2.5HE 2.5WHE-HO SO: Standard Output HO: High 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 S1 Single 1 (Input only) - End Feed S2 Single 2 (Input only) - Bottom Feed S3 Single 3 (Input only) - Left Side Feed S4 Single 4 (Input only) - Right Side Feed S5 Single 5 (Input only) - Seamless Feed S6 Single 6 (Input only) - Seamless 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. | B11 LENGTH (IN) 48" Nominal Starting Run length is 48.55" for S1, S5, S6 and 48.75" for S2, S3, S4 Each cut point subtracts from the Starting Run Length 1.5HE & 2.5HE have a 2" cut point S2, S3, & S4 can be cut down to as little as 2.75" S1 can be cut down to as little as 2.55" S5 & S6 can be cut down to as little as 6.55" | B12 EXACT/OPTIMAL N/A | | |
| Single ▶ | | | | |



Q-CAP KURV™ FOR WARM DIM APPLICATIONS

24VDC Flexible Fixtures

1 PRODUCT - DIMENSIONS



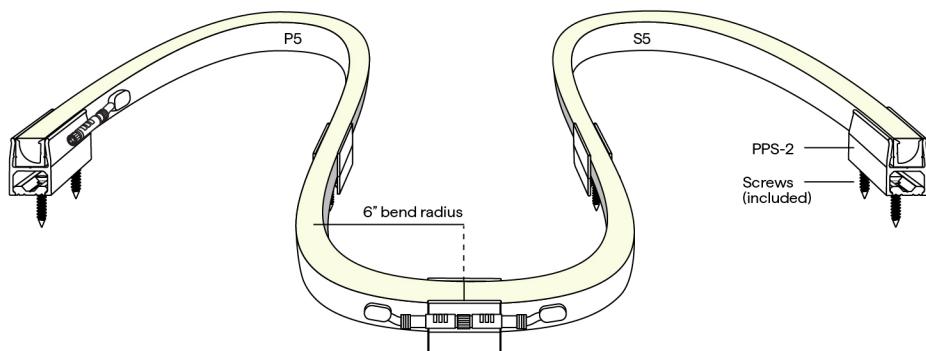
BEND RADIUS

Side Bend



6" bending radius

FLEXIBILITY



2 MOUNTING

WSC

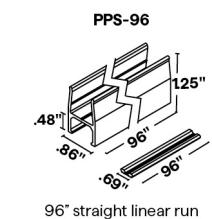




Q-CAP KURV™ FOR WARM DIM APPLICATIONS

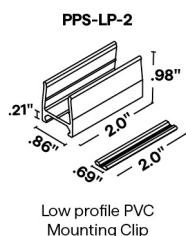
24VDC Flexible Fixtures

MOUNTING CONTINUED

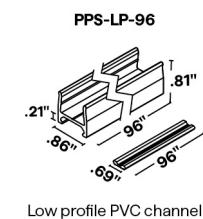


To order separately use KURV-PPS-96

Each clip comes with a #8" flat screw

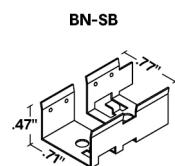


To order separately use KURV-PPS-LP-2



To order separately use KURV-PPS-LP-96

Each clip comes with a #8" flat screw



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-SST-16',
STND-QCAP-BN-SB-SST-32',
STND-QCAP-BN-SB-WH-16', or
STND-QCAP-BN-SB-WH-32'

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

4 / 5 DELIVERED LUMENS

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

| CCT | 1.5HE W/FT | | 2.5HE W/FT | | 1.5HE W/FT | | 2.5HE W/FT | |
|-------|------------|--------|------------|--------|------------|--------|------------|--------|
| | ENC/CL | ENC/TL | ENC/CL | ENC/TL | ENC/CL | ENC/TL | ENC/CL | ENC/TL |
| | LM | CRI | LM | CRI | LM | CRI | LM | CRI |
| 2400K | 110 | 93 | 93 | 92 | 174 | 94 | 145 | 92 |
| 2700K | 114 | 98 | 92 | 97 | 174 | 98 | 145 | 98 |
| 3000K | 125 | 96 | 94 | 96 | 186 | 96 | 149 | 96 |
| 4000K | 113 | 97 | 115 | 97 | 179 | 97 | 175 | 97 |

6 DIODE VISIBILITY



ENC/CL - Clear encapsulation

ENC/TL - Translucent encapsulation

TEMPERATURE RATINGS

| | DW 1.5 HE W/FT | | DW 3.0 HE W/FT | | DW 2.5 HE W/FT | | DW 5.0 HE W/FT | |
|----------------------------------|---------------------------------------|-------|------------------------------------|-------|---------------------------------------|-------|------------------------------------|-------|
| | QTL power supply other than DALI, DMX | | DALI, DMX, or non-QTL power supply | | QTL power supply other than DALI, DMX | | DALI, DMX, or non-QTL power supply | |
| | Min | Max | Min | Max | Min | Max | Min | Max |
| Ambient Operating Temp - Surface | -4°F | 140°F | -4°F | 130°F | -4°F | 130°F | -4°F | 110°F |
| Storage Temp | -4°F | 140°F | ** | ** | -4°F | 140°F | ** | ** |
| Installation Temp | 50°F | 100°F | ** | ** | 50°F | 100°F | ** | ** |

BUG RATING

| WATTAGE | B | U | G |
|------------------------------------|----|----|----|
| 1.5HE (ALL CCTs), 2.5HE (ALL CCTs) | B0 | U1 | G0 |

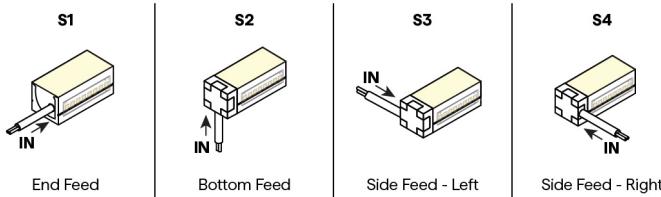


Q-CAP KURV™ FOR WARM DIM APPLICATIONS

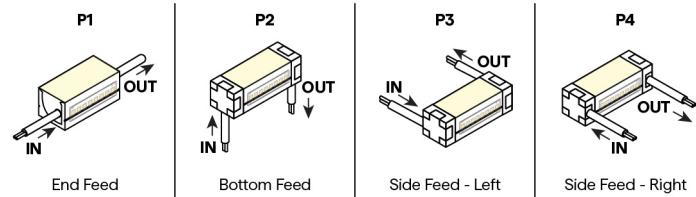
24VDC Flexible Fixtures

7 WIRE INPUT/OUTPUT

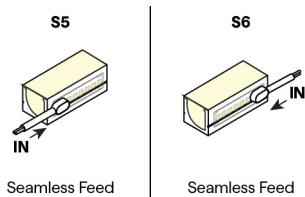
SINGLE (Input only)



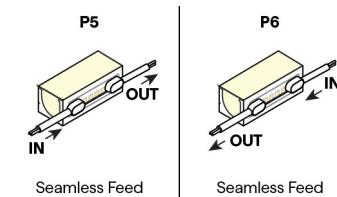
PASS THROUGH (Input/Output) - Only applicable for Non-Field Cuttable Q-CAP



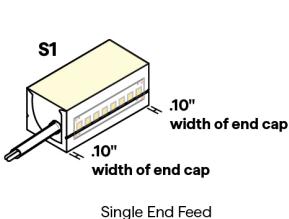
SEAMLESS SINGLE (Input only)



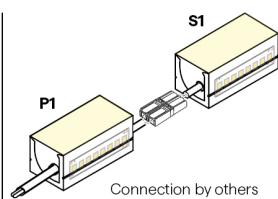
SEAMLESS PASS THROUGH (Input/Output) - Only applicable for Non-Field Cuttable Q-CAP



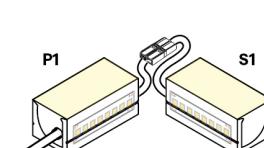
CONFIGURATION OPTIONS



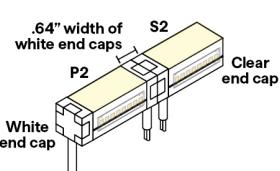
Single End Feed



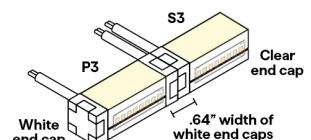
Connection by others
Non-Continuous End Feed



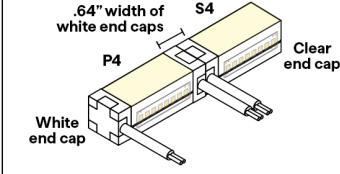
Connection by others
Non-Continuous Corner Feed



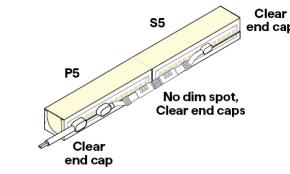
Continuous Bottom Feed



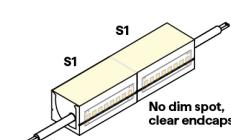
Continuous Side Feed - Left



Continuous Side Feed - Right



Seamless Side Feed



Continuous End to End Feed

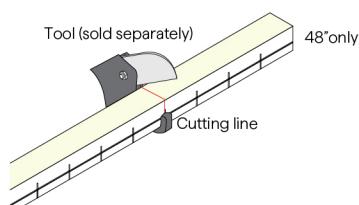


Field Cuttable - Continuous End to End Feed



Field Cuttable - Seamless Side Feed

FIELD CUTTABLE MARKING



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



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.

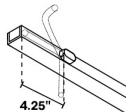


Q-CAP KURV™ FOR WARM DIM APPLICATIONS

24VDC Flexible Fixtures

SEAMLESS

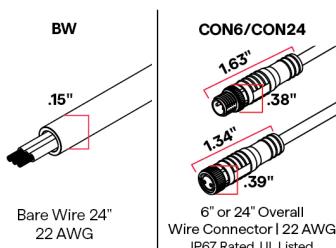
Shown with bare wire, connectors vary



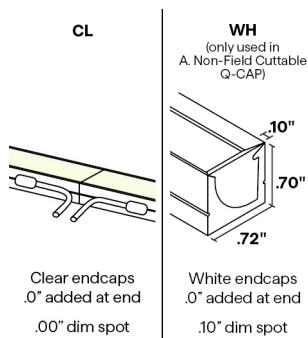
Omnidirectional
wireways
S5, S6, P5, P6

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



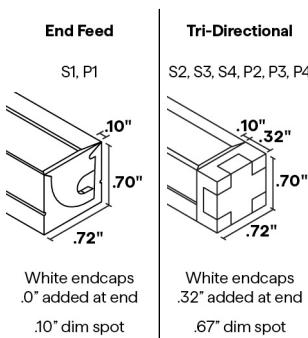
10 END CAPS (NO FEED)



Clear endcaps
.0" added at end
.00" dim spot

White endcaps
.0" added at end
.10" dim spot

END CAPS (WITH FEED)

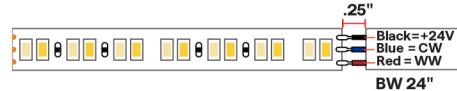


White endcaps
.0" added at end
.10" dim spot

White endcaps
.32" added at end
.67" dim spot

11 LENGTH - WIRING DETAIL

Available in 2" increments 12"-191"

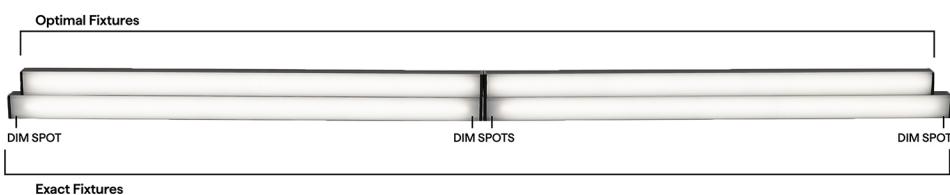


12 EXACT/OPTIMAL FIXTURE LENGTH

[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.





Q-CAP KURV™ FOR WARM DIM APPLICATIONS

24VDC Flexible 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 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 S1 | S2 & S3 & S4 | P1 | P2 & P3 & P4 | S5 & S6 & P5 & P6 |
|--------------------------|----------|--------------|--------|--------------|-------------------|
| 12" | 10.58" | 10.91" | 10.95" | 11.63" | 10.20" |
| 13" | 12.58" | 12.91" | 12.95" | 11.63" | 12.20" |
| 14" | 12.58" | 12.91" | 12.95" | 13.63" | 12.20" |
| 15" | 14.58" | 14.91" | 14.95" | 13.63" | 14.20" |
| 16" | 14.58" | 14.91" | 14.95" | 15.63" | 14.20" |
| 17" | 16.58" | 16.91" | 16.95" | 15.63" | 16.20" |
| 18" | 16.58" | 16.91" | 16.95" | 17.63" | 16.20" |
| 19" | 18.58" | 18.91" | 18.95" | 17.63" | 18.20" |
| 20" | 18.58" | 18.91" | 18.95" | 19.63" | 18.20" |
| 21" | 20.58" | 20.91" | 20.95" | 19.63" | 20.20" |
| 22" | 20.58" | 20.91" | 20.95" | 21.63" | 20.20" |
| 23" | 22.58" | 22.91" | 22.95" | 21.63" | 22.20" |
| 24" | 22.58" | 22.91" | 22.95" | 23.63" | 22.20" |
| 36" | 34.58" | 34.91" | 34.95" | 35.63" | 34.20" |
| 48" | 46.58" | 46.91" | 46.95" | 47.63" | 46.20" |
| 60" | 58.58" | 58.91" | 58.95" | 59.63" | 58.20" |
| 72" | 70.58" | 70.91" | 70.95" | 71.63" | 70.20" |
| 84" | 82.58" | 82.91" | 82.95" | 83.63" | 82.20" |
| 96" | 94.58" | 94.91" | 94.95" | 95.63" | 94.20" |

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 |
|--------------|--|---|
| | DW-HE Warm Dim Applications | DW-HE Warm Dim Applications |
| 0.1% | QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+WD QT-CAB-eLED+WD-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QTM-eLED+WD QTM-eLED+WD-AWN QZ-DW | Q-SET-QZ-DW QOM-eLED+DALI-DT6 QOM-eLED+DALI-DT8 QOM-eLED+PS-DALI-DT6 QOM-eLED+PS-DALI-DT8 QOM-eLED+WD QZ-DW |
| 1% | QZ-DALI-DT8 | Q-SET+QZ-DALI-DT8 QZ-DALI-DT8 |
| 10% | Non-Dim Power Supply with WD App Dongle | |

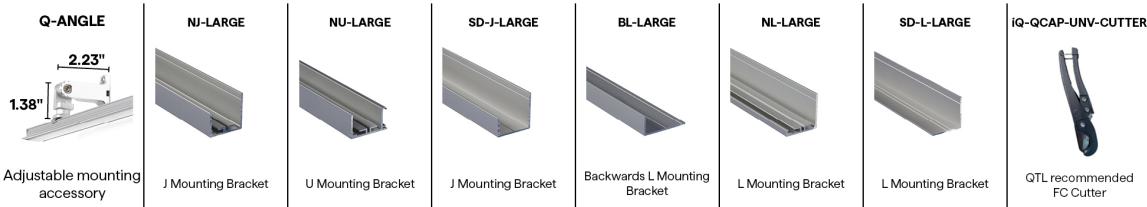


Q-CAP KURV™ FOR WARM DIM APPLICATIONS

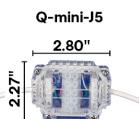
24VDC Flexible Fixtures

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

COMPATIBLE MOUNTING ACCESSORIES



COMPATIBLE WIRING ACCESSORIES



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

COMPATIBLE CONTROL ACCESSORIES



Wi-Fi or Bluetooth Connectivity



Q-CAP KURV™ FOR WARM DIM APPLICATIONS

24VDC Flexible Fixtures

COMPATIBLE APPS

NFC APP



Read and write
DMX addresses and
adjust voltage