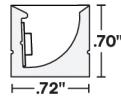
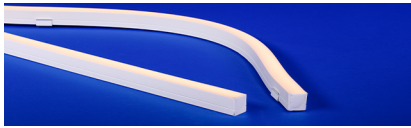




Q-CAP KURV™ FOR TUNABLE APPLICATIONS

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

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

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

ADDITIONAL INFORMATION REQUIRED TO ORDER

| A7 | A8 | A9 | A10 | A11 | A12 |
|-----------------------|-----------------------|------------------------|----------|-------------|----------------|
| 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**

| | | | | |
|---|--|--|---|--|
| <div>A1</div> <div>PRODUCT</div> <div><div>KURV-DW</div><div>KURV-DW-USA</div><div>Select USA option for BA, BAA and BABA projects.</div><div>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.</div></div> | <div>A2</div> <div>MOUNTING</div> <div><div>RLC</div><div>MC</div><div>SGC</div><div>PPS-2</div><div>PPS-96</div><div>PPS-LP-2</div><div>PPS-LP-96</div><div>WSC</div><div>BN-SB-SST-16'</div><div>BN-SB-SST-32'</div><div>BN-SB-WH-16'</div><div>BN-SB-WH-32'</div><div>White snug clip only for indirect cove use, not intended for hanging fixtures upside down.</div><div>PPS mounting clip recommended for seamless applications</div></div> | <div>A3</div> <div>RATED</div> <div><div>DRY</div><div>WET</div><div>IP20</div><div>IP67</div></div> | <div>A4</div> <div>CCT</div> <div><div>24/30</div><div>27/40</div><div>2400K/3000K</div><div>2700K/4000K</div></div> | <div>A5</div> <div>WATTAGE</div> <div><div>1.5HE</div><div>2.5HE</div><div>1.5WHE-SO</div><div>2.5WHE-HO</div><div>SO: Standard Output</div><div>HO: High Output</div></div> |
| <div>A6</div> <div>LENS</div> <div><div>ENC/CL</div><div>ENC/TL</div><div>Encapsulated in Clear</div><div>Encapsulated in Translucent</div><div>For representation of LED visibility, see Diode Visibility section on following pages</div></div> | <div>A7</div> <div>WIRE INPUT/OUTPUT</div> <div><div>SINGLE (Input only)</div><div>S1</div><div>S2</div><div>S3</div><div>S4</div><div>S5</div><div>S6</div><div>End Feed</div><div>Bottom Feed</div><div>Left Side Feed</div><div>Right Side Feed</div><div>Seamless Feed</div><div>Seamless Feed</div><div>PASS THROUGH (Input/Output)</div><div>P1</div><div>P2</div><div>P3</div><div>P4</div><div>P5</div><div>P6</div><div>End Feed</div><div>Bottom Feed</div><div>Left Side Feed</div><div>Right Side Feed</div><div>Seamless Feed</div><div>Seamless Feed</div></div> | <div>A8</div> <div>CONNECTOR/WIRE IN</div> <div><div>BW</div><div>CON6</div><div>CON24</div><div>Bare Wire (Standard 24")</div><div>Connector 6"</div><div>Connector 24"</div><div>BW: Standard length is 24". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)</div></div> | <div>A9</div> <div>CONNECTOR/WIRE OUT</div> <div><div>N/A</div><div>BW</div><div>CON6</div><div>CON24</div><div>Closed End (No feed)</div><div>Bare Wire (Standard 24")</div><div>Connector 6"</div><div>Connector 24"</div><div>BW: Standard length is 24". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)</div></div> | |
| <div>A10</div> <div>END CAPS</div> <div><div>CL</div><div>WH</div><div>Clear</div><div>White</div><div>N/A</div><div>Not Applicable</div></div> | <div>A11</div> <div>LENGTH (IN)</div> <div><div>Minimum length is 12", maximum length is 191" not including end caps. Contact us for lengths under 12". Available in 2" increments.</div></div> | <div>A12</div> <div>EXACT/OPTIMAL</div> <div><div>O</div><div>E</div><div>Optimal Illumination</div><div>Exact Specified Length</div><div>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.</div></div> | | |

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 TUNABLE APPLICATIONS

24VDC Flexible Fixtures

B. FIELD CUTTABLE Q-CAP

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

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

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: **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

SINGLE (Input only)

| | |
|-----------|-----------------|
| S1 | End Feed |
| S2 | Bottom Feed |
| S3 | Left Side Feed |
| S4 | Right Side Feed |
| S5 | Seamless Feed |
| S6 | 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

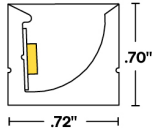
| |
|------------|
| N/A |
|------------|



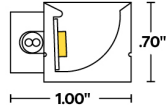
Q-CAP KURV™ FOR TUNABLE APPLICATIONS

24VDC Flexible Fixtures

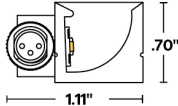
1 PRODUCT - DIMENSIONS



Profile
(Standard)



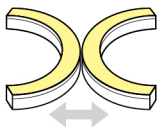
Profile
(Seamless bare wire)



Profile
(Seamless CON6-24)

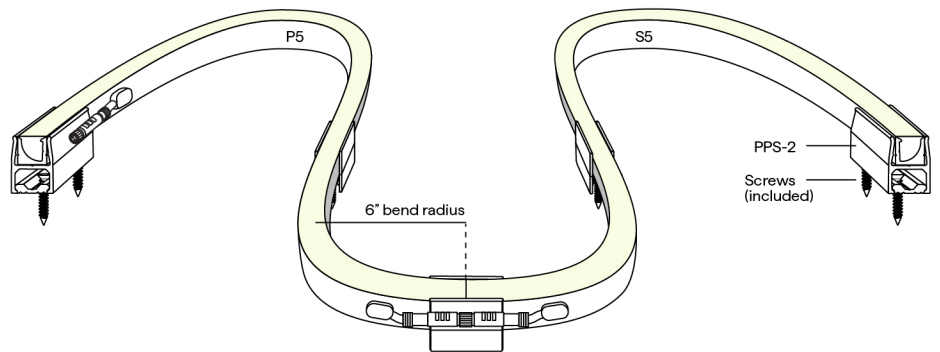
BEND RADIUS

Side Bend



6" bending radius

FLEXIBILITY



2 MOUNTING

WSC



White Snug Clip
Indirect uplight

To order separately use WSC

Each clip comes with a #6x5/8" flat screw

RLC



Rigid Lock Channel

To order separately use RLC

Each clip comes with a #6x5/8" flat screw

MC



Magnetic Clip
Cove use only

To order separately use MC

Each clip comes with a #6x5/8" flat screw

SGC

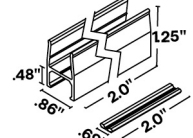


Side Graze Clip

To order separately use SGC

Each clip comes with a #6x5/8" flat screw

PPS-2



PVC Mounting Clip

To order separately use KURV-PPS2



Q-CAP KURV™ FOR TUNABLE APPLICATIONS

24VDC Flexible Fixtures

MOUNTING CONTINUED

PPS-96

96" straight linear run

To order separately use KURV-PPS-96

Each clip comes with a #8" flat screw

PPS-LP-2

Low profile PVC Mounting Clip

To order separately use KURV-PPS-LP-2

PPS-LP-96

Low profile PVC channel 96" straight linear run

To order separately use KURV-PPS-LP-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-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 | | | |
|-------|------------|-----|--------|-----|------------|-----|--------|-----|
| | 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

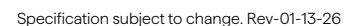
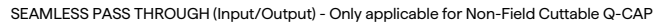
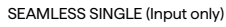
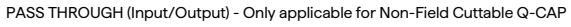
| | DW 1.5 HE W/FT | | DW 3.0 HE W/FT | | DW 2.5 HE W/FT | | DW 5.0 HE W/FT | |
|----------------------------------|---------------------------------------|-------|------------------------------------|-------|---------------------------------------|-------|------------------------------------|-------|
| | 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 |



SINGLE (Input only)



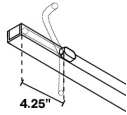


Q-CAP KURV™ FOR TUNABLE APPLICATIONS

24VDC Flexible Fixtures

SEAMLESS

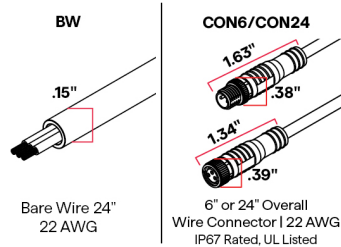
Shown with bare wire, connectors vary



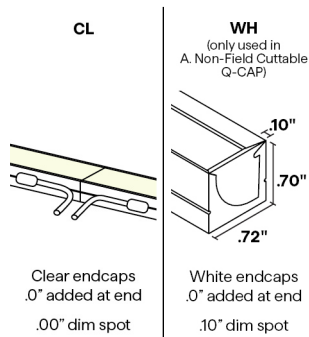
Omnidirectional
Wireways
S5, S6, P5, P6

8 / 9 CONNECTOR/WIRE - IN/OUT

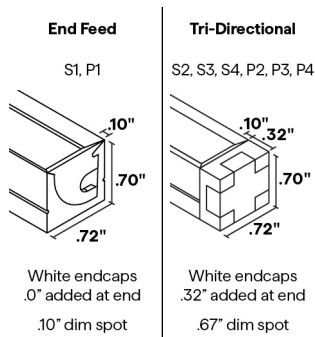
Connector/Wire In or Out not needed to specify product. Typical selection is S1 for Wire Input/Output, BW for Connector/Wire In, N/A for Connector/Wire Out, and WH for End Caps



10 END CAPS (NO FEED)



END CAPS (WITH FEED)



11 LENGTH - WIRING DETAIL

Available in 2" increments 12"-191"

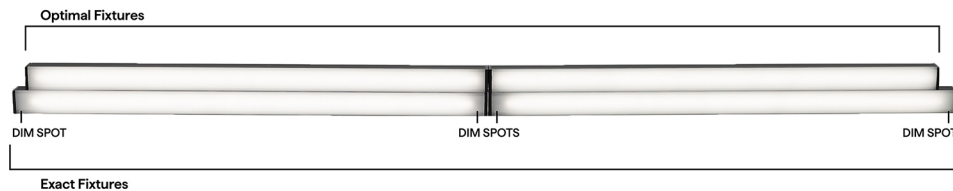


12 EXACT/OPTIMAL FIXTURE LENGTH

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



Q-CAP KURV™ FOR TUNABLE APPLICATIONS

24VDC Flexible Fixtures

| DIMMING PROTOCOL | INDOOR | OUTDOOR |
|--|---|---|
| | DW-HE Tunable Applications | DW-HE Tunable Applications |
| 0-10V | QT-CAB-eLED+TW QT-CAB-eLED+TW-AWN QTM-eLED+TW QTM-eLED+TW-AWN | QOM-eLED+TW |
| Lutron Athena | QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+TW-AWN QTM-eLED+DALI-DT8-AWN QTM-eLED+TW-AWN | |
| DMX LED wattage must be doubled for DW-HE products | QZ-DMX | Q-SET-QZ-DMX QZ-DMX |
| 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 TW App Dongle | |

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

IQ-QCAP-UNV-CUTTER

QTL recommended FC Cutter

COMPATIBLE WIRING ACCESSORIES

Q-mini-J5

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

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE

Wi-Fi or Bluetooth Connectivity



Q-CAP KURV™ FOR TUNABLE APPLICATIONS

24VDC Flexible Fixtures

COMPATIBLE APPS

NFC APP



Read and write
DMX addresses and
adjust voltage