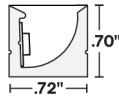
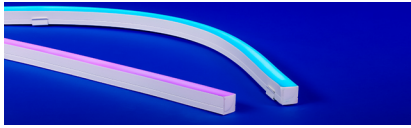




# Q-CAP KURV™ RGBW HIGH EFFICACY

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
- 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
KURV-RGBW				4.0HE	

### 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-RGBW-PPS-2-DRY-RGBW-30-4.0HE-ENC/TL-P1-BW-BW-N/A-48"-E**

<b>A1</b> <b>PRODUCT</b> <b>KURV-RGBW</b> See last page for compatible power supplies.	<b>A2</b> <b>MOUNTING</b> <b>RLC</b> Rigid Lock Channel <b>MC</b> Magnetic Clip <b>SGC</b> Side Graze Channel <b>PPS-2</b> PVC Clip <b>PPS-96</b> PVC Channel <b>PPS-LP-2</b> PVC Low Profile Clip <b>PPS-LP-96</b> PVC Low Profile Channel <b>WSC</b> White Snug Clip <b>BN-SB-SST-16'</b> 16' BENDIT Side Stainless Steel Channel <b>BN-SB-SST-32'</b> 32' BENDIT Side Stainless Steel Channel <b>BN-SB-WH-16'</b> 16' BENDIT Side White Stainless Channel <b>BN-SB-WH-32'</b> 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	<b>A3</b> <b>RATED</b> <b>DRY</b> IP20 <b>WET</b> IP67	<b>A4</b> <b>CCT</b> <b>RGBW-27</b> RGBW-2700K <b>RGBW-30</b> RGBW-3000K <b>RGBW-35</b> RGBW-3500K <b>RGBW-40</b> RGBW-4000K	
<b>A5</b> <b>WATTAGE</b> <b>4.0HE</b> 4.0WHE-SO SO: Standard Output	<b>A6</b> <b>LENS</b> <b>ENC/CL</b> Encapsulated in Clear <b>ENC/TL</b> Encapsulated in Translucent  For representation of LED visibility, see Diode Visibility section on following pages	<b>A7</b> <b>WIRE INPUT/OUTPUT</b> <b>SINGLE (Input only)</b> <b>S1</b> End Feed <b>S2</b> Bottom Feed <b>S3</b> Left Side Feed <b>S4</b> Right Side Feed <b>S5</b> Seamless Feed <b>S6</b> Seamless Feed  <b>PASS THROUGH (Input/Output)</b> <b>P1</b> End Feed <b>P2</b> Bottom Feed <b>P3</b> Left Side Feed <b>P4</b> Right Side Feed <b>P5</b> Seamless Feed <b>P6</b> Seamless Feed	<b>A8</b> <b>CONNECTOR/WIRE IN</b> <b>BW</b> Bare Wire (Standard 24") <b>CON6</b> Connector 6" <b>CON24</b> Connector 24"  BW: Standard length is 24". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)  <b>BW</b> Bare Wire (Standard 24") <b>CON6</b> Connector 6" <b>CON24</b> Connector 24"  BW: Standard length is 24". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)	<b>A9</b> <b>CONNECTOR/WIRE OUT</b> <b>N/A</b> Closed End (No feed)  <b>BW</b> Bare Wire (Standard 24") <b>CON6</b> Connector 6" <b>CON24</b> Connector 24"  BW: Standard length is 24". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)
<b>A10</b> <b>END CAPS</b> <b>CL</b> Clear <b>WH</b> White  <b>N/A</b> Not Applicable	<b>A11</b> <b>LENGTH (IN)</b> Minimum length is 12", maximum length is 191" not including end caps. Contact us for lengths under 12". Available in 2" increments.	<b>A12</b> <b>EXACT/OPTIMAL</b> <b>O</b> Optimal Illumination <b>E</b> 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 | 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 125°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™ RGBW HIGH EFFICACY

## 24VDC Flexible Fixtures

### B. FIELD CUTTABLE Q-CAP

INFORMATION REQUIRED FOR LIGHTING SCHEDULE						ADDITIONAL INFORMATION REQUIRED TO ORDER					
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12
PRODUCT	MOUNTING	RATED	CCT	WATTAGE	LENS	WIRE INPUT/ OUTPUT	CONNECTOR/ WIRE IN	CONNECTOR/ WIRE OUT	END CAPS	LENGTH (IN)	EXACT/ OPTIMAL
KURV-FC-RGBW		DRY		4.0HE				N/A	CL	48"	N/A

Sample Part Number: KURV-FC-RGBW-PPS-2-DRY-RGBW-30-4.0HE-ENC/TL-S1-BW-N/A-CL-48"-N/A

B1

PRODUCT

KURV-FC-RGBW

See last page for compatible power supplies.

B2

MOUNTING

RLC

MC

SGC

PPS-2

PPS-96

PPS-LP-2

PPS-LP-96

WSC

BN-SB-SST-16'

BN-SB-SST-32'

BN-SB-WH-16'

BN-SB-WH-32'

Rigid Lock Channel

Magnetic Clip

Side Graze Channel

PVC Clip

PVC Channel

PVC Low Profile Clip

PVC Low Profile Channel

White Snug Clip

16' BENDIT Side Stainless Steel Channel

32' BENDIT Side Stainless Steel Channel

16' BENDIT Side White Stainless Channel

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

RGBW-27

RGBW-30

RGBW-35

RGBW-40

RGBW-2700K

RGBW-3000K

RGBW-3500K

RGBW-4000K

B5

WATTAGE

4.0HE

4.0WHE-SO

SO: Standard Output

B6

LENS

ENC/CL

ENC/TL

Encapsulated in Clear

Encapsulated in Translucent

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

B7

WIRE INPUT/OUTPUT

SINGLE (Input only)

S1

S2

S3

S4

S5

S6

End Feed

Bottom Feed

Left Side Feed

Right Side Feed

Seamless Feed

Seamless Feed

B8

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)

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  
6.0 has 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

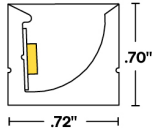
N/A



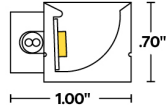
# Q-CAP KURV™ RGBW HIGH EFFICACY

24VDC Flexible Fixtures

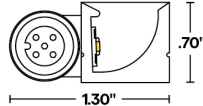
## 1 PRODUCT - DIMENSIONS



Profile  
(Standard)



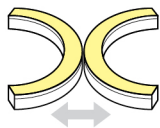
Profile  
(Seamless bare wire)



Profile  
(Seamless CON6-24)

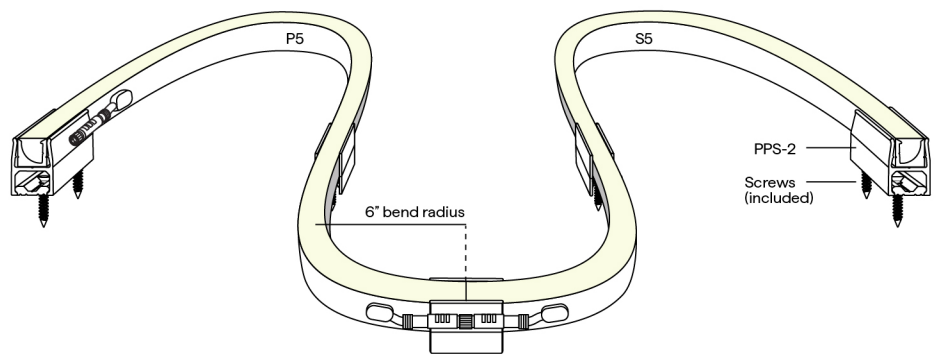
## BEND RADIUS

Side Bend



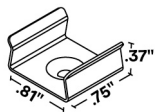
6" bending radius

## 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

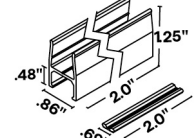


Side Graze Clip

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™ RGBW HIGH EFFICACY

## 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-RGBW-WSC-DRY

4.0 HEW/FT Total Load						
3.0W/FT Per Channel						
CCT	ENC/CL		ENC/TL		Circuit Wattage	
	LM	Wavelength	LM	Wavelength		
Red	33	630	25	629	0.77	
Green	108	519	78	519	1.2	
Blue	27	466	20	464	1.1	
1.0W/FT Per Channel						
CCT	ENC/CL		ENC/TL		Circuit Wattage	
	LM	CRI	LM	CRI		
2700K	57	98	48	97	0.86	
3000K	61	97	44	96	0.86	
3500K	68	96	55	97	0.86	
4000K	65	95	57	96	0.86	

### 6 DIODE VISIBILITY

RGBW-HE (COLOR ONLY)

RGBW-HE (MIX)

RGBW-HE (WHITE ONLY)

ENC/CL - Clear Encapsulation

ENC/TL - Translucent Encapsulation

### 6 DIODE VISIBILITY

ENC/CL - Clear encapsulation

ENC/TL - Translucent encapsulation

### BUG RATING

WATTAGE	B	U	G
4.0(ALL CCTs & COLORS)	B0	U1	G0

### TEMPERATURE RATINGS

	4.0 HE W/FT	
	Min	Max
Ambient Operating Temp - Surface	-4°F	115°F
Storage Temp	-4°F	176°F
Installation Temp	50°F	100°F

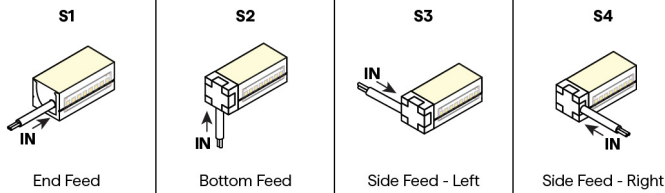


# Q-CAP KURV™ RGBW HIGH EFFICACY

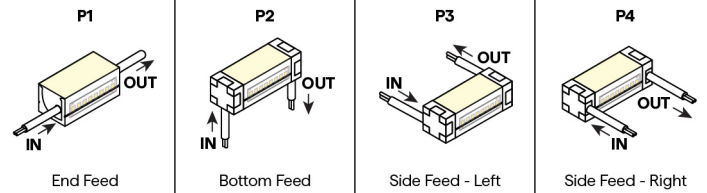
24VDC Flexible Fixtures

## 7 WIRE INPUT/OUTPUT

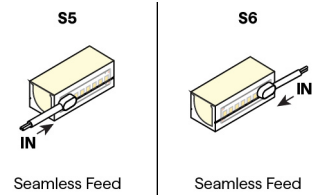
SINGLE (Input only)



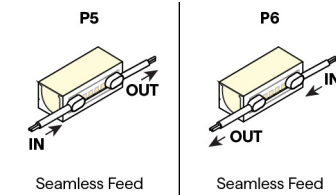
PASS THROUGH (Input/Output) - Only applicable for Non-Field Cuttable Q-CAP



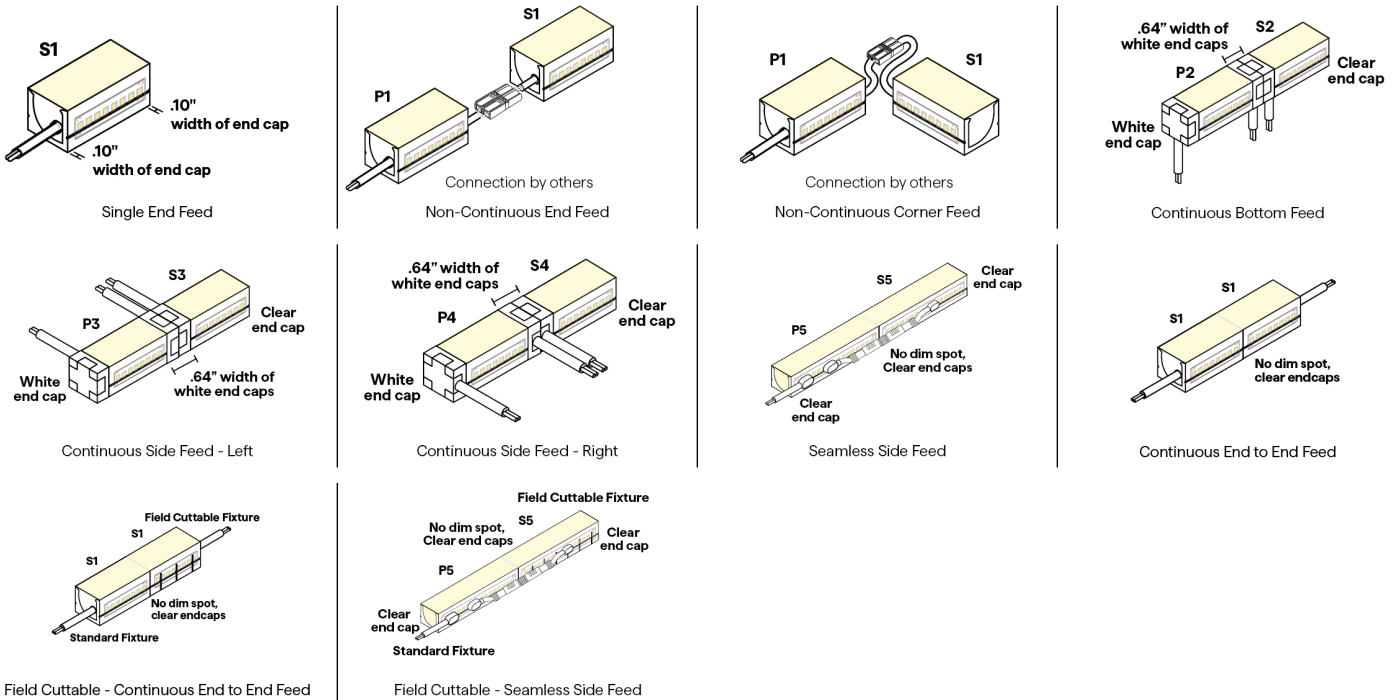
SEAMLESS SINGLE (Input only)



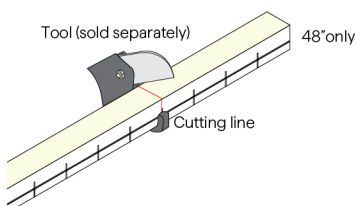
SEAMLESS PASS THROUGH (Input/Output) - Only applicable for Non-Field Cuttable Q-CAP



## CONFIGURATION OPTIONS



## 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.

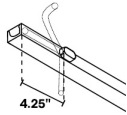


# Q-CAP KURV™ RGBW HIGH EFFICACY

24VDC Flexible Fixtures

## SEAMLESS

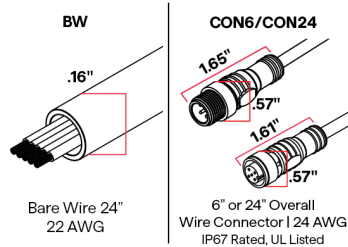
Shown with bare wire, connectors vary



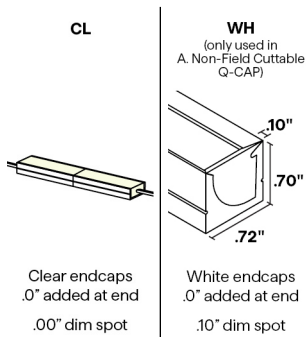
Omnidirectional Wireways  
S5, S6, P5, P6

## 8 / 9 CONNECTOR/WIRE - IN/OUT

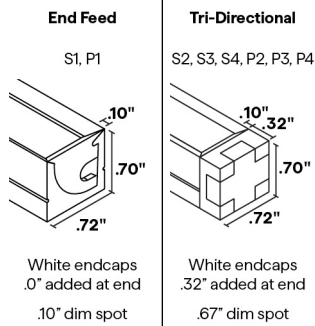
Connector/Wire In or Out not needed to specify product. Typical selection is S1 for Wire Input/Output, BW for Connector/Wire In, N/A for Connector/Wire Out, and WH for End Caps



## 10 END CAPS (NO FEED)



## END CAPS (WITH FEED)



## 11 LENGTH - WIRING DETAIL

4.0HEW | Available in 2 inch increments 12 inch-191 inch

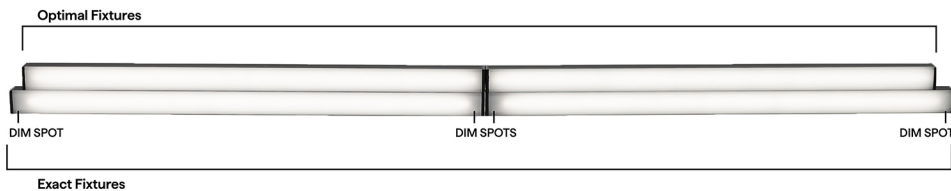


## 12 EXACT/OPTIMAL FIXTURE LENGTH

[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™ RGBW HIGH EFFICACY

## 24VDC Flexible Fixtures

### RGBW-HE 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	
	S1	S2	S3	S4	P1	P2	P3	S5	P5
12"	10.68"		10.98"		11.10"		11.85"	10.20"	
13"	12.68"		12.98"		11.10"		11.85"	12.20"	
14"	12.68"		12.98"		13.10"		13.85"	12.20"	
15"	14.68"		14.98"		13.10"		13.85"	14.20"	
16"	14.68"		14.98"		15.10"		15.85"	14.20"	
17"	16.68"		16.98"		15.10"		15.85"	16.20"	
18"	16.68"		16.98"		17.10"		17.85"	16.20"	
19"	18.68"		18.98"		17.10"		17.85"	18.20"	
20"	18.68"		18.98"		19.10"		19.85"	18.20"	
21"	20.68"		20.98"		19.10"		19.85"	20.20"	
22"	20.68"		20.98"		21.10"		21.85"	20.20"	
23"	22.68"		22.98"		23.10"		21.85"	22.20"	
24"	22.68"		22.98"		23.10"		23.85"	22.20"	
36"	34.68"		34.98"		35.10"		35.85"	34.20"	
48"	46.68"		46.98"		47.10"		47.85"	46.20"	
60"	58.68"		58.98"		59.10"		59.85"	58.20"	
72"	70.68"		70.98"		71.10"		71.85"	70.20"	
84"	82.68"		82.98"		83.10"		83.85"	82.20"	
96"	94.68"		94.98"		95.10"		95.85"	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
	RGBW, RGBW-HE	RGBW, RGBW-HE
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 RGBW App Dongle	









DIMMING PROTOCOL	INDOOR	OUTDOOR
	RGBW, RGBW-HE	RGBW, RGBW-HE
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
SCENE App Dimmed	Non-Dim Power Supply with RGBW App Dongle	



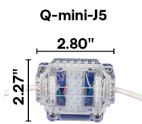
# Q-CAP KURV™ RGBW HIGH EFFICACY

## 24VDC Flexible Fixtures

### COMPATIBLE MOUNTING ACCESSORIES

<b>Q-ANGLE</b>  Adjustable mounting accessory	<b>NJ-LARGE</b>  J Mounting Bracket	<b>NU-LARGE</b>  U Mounting Bracket	<b>SD-J-LARGE</b>  J Mounting Bracket	<b>BL-LARGE</b>  Backwards L Mounting Bracket	<b>NL-LARGE</b>  L Mounting Bracket	<b>SD-L-LARGE</b>  L Mounting Bracket	<b>IQ-QCAP-UNV-CUTTER</b>  QTL recommended FC Cutter
--	--	--	--	--	--	---	---

### COMPATIBLE WIRING ACCESSORIES



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

### COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE



Wi-Fi or Bluetooth Connectivity

### COMPATIBLE APPS



Read and write DMX addresses and adjust voltage