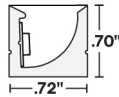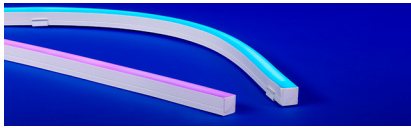# Q-CAP KURV™ RGBW HIGH EFFICACY
24VDC Flexible Fixtures

.70"
.72"

- 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

① PRODUCT	② MOUNTING	③ RATED	④ CCT	⑤ WATTAGE	⑥ LENS	⑦ WIRE INPUT/ OUTPUT	⑧ CONNECTOR/ WIRE IN	⑨ CONNECTOR/ WIRE OUT	⑩ END CAPS	⑪ LENGTH
KURV-RGBW				4.0HE				N/A		48"

Sample Part Number: **KURV-RGBW-PPS-2-DRY-RGBW-30-4.0HE-ENC/TL-P1-BW-BW-N/A-48"-E**

1 PRODUCT

KURV-RGBW

See last page for compatible power supplies.

2 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 Channel
BN-SB-WH-32'	32' BENDIT Side White Channel

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

PPS mounting clip recommended for seamless applications

3 RATED

DRY	IP20
WET	IP67

4 CCT

RGBW-27	RGBW-2700K
RGBW-30	RGBW-3000K
RGBW-35	RGBW-3500K
RGBW-40	RGBW-4000K

5 WATTAGE

4.0HE   4.0WHE-SO

SO: Standard Output

6 LENS

ENC/CL	Encapsulated in Clear
ENC/TL	Encapsulated in Translucent

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

7 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

8 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)

9 CONNECTOR/WIRE OUT

N/A	Closed End (No feed)

10 END CAPS

CL	Clear
WH	White

11 LENGTH

48"   Optimal

Minimum length is 12", maximum length is 191" not including end caps. Contact us for lengths under 12". Available in 2" increments.
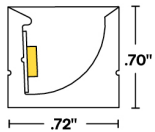
Q-CAP KURV™ RGBW HIGH EFFICACY
24VDC Flexible Fixtures

1 PRODUCT - DIMENSIONS

.70"
.72"

Profile
(Standard)

.70"
1.00"
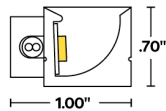
Profile
(Seamless bare wire)

.70"
1.30"
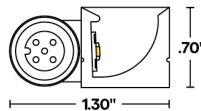
Profile
(Seamless CON6-24)

BEND RADIUS

Side Bend
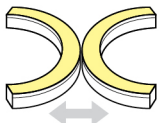
6" bending radius

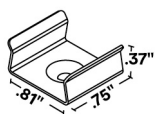## FLEXIBILITY

P5

S5

PPS-2

Screws
(included)

6" bend radius
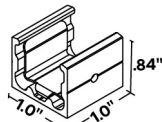
2 MOUNTING

WSC

.37"
.81"
.75"
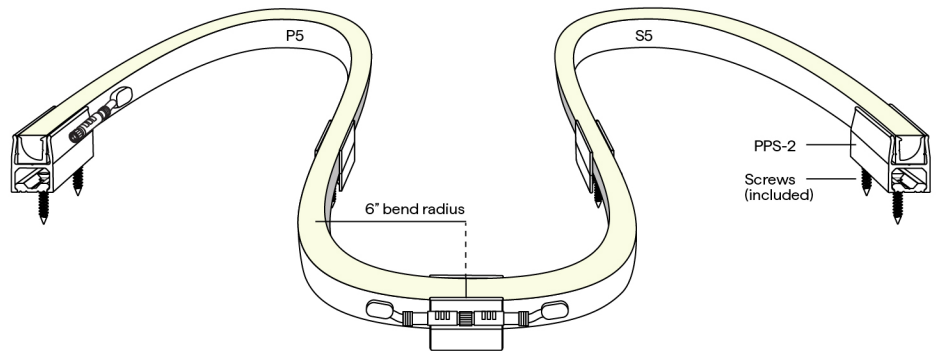
White Snug Clip
Indirect uplight

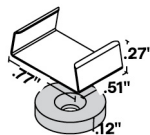To order separately use WSC

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

RLC

.84"
1.0"
1.0"

Rigid Lock Channel

To order separately use RLC

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

MC

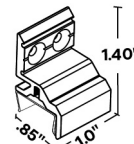

.27"
.77"
.51"
.12"

Magnetic Clip
Cove use only

To order separately use MC

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

SGC

1.40"
.85"
1.0"

Side Graze Clip

To order separately use SGC

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

PPS-2

1.25"
.48"
.86"
.69"
2.0"
2.0"
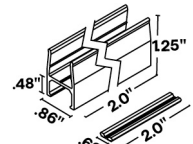
PVC Mounting Clip

To order separately use KURV-PPS2

Q-CAP KURV™ RGBW HIGH EFFICACY
24VDC Flexible Fixtures

MOUNTING CONTINUED

PPS-96

.125" **.48"** **.86"** **.69"** 96" 96"

96" straight linear run

To order separately use KURV-PPS-96

Each clip comes with a #8" flat screw

PPS-LP-2

.98" **.21"** **.86"** **.69"** 2.0" 2.0"

Low profile PVC Mounting Clip

To order separately use KURV-PPS-LP-2

PPS-LP-96

.81" **.21"** **.86"** **.69"** 96" 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

.47"

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

	4.0HE W/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

ENC/CL - Clear encapsulation

ENC/TL - Translucent encapsulation

BUG RATING

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

TEMPERATURE RATINGS

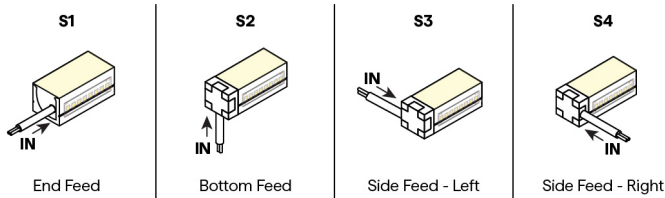|	4.0 HE W/FT	
	Min	Max
Ambient Operating Temp - Surface	-4°F	115°F
Storage Temp	-4°F	176°F
Installation Temp	50°F	100°F

Q-CAP KURV™ RGBW HIGH EFFICACY
24VDC Flexible Fixtures
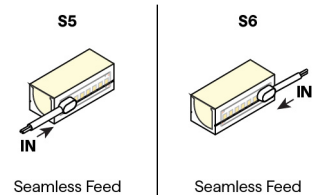
7 WIRE INPUT/OUTPUT

SINGLE (Input only)

S1	**S2**	**S3**	**S4**
IN	IN	IN	IN
End Feed	Bottom Feed	Side Feed - Left	Side Feed - Right

PASS THROUGH (Input/Output)

P1	**P2**	**P3**	**P4**
OUT / IN	OUT / IN	IN / OUT	OUT / IN
End Feed	Bottom Feed	Side Feed - Left	Side Feed - Right
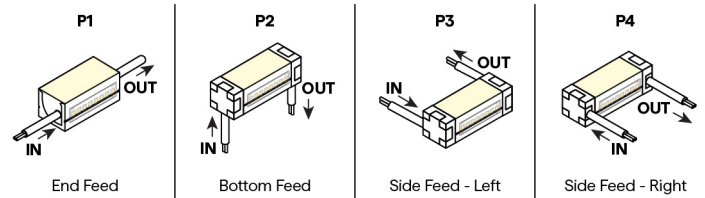
SEAMLESS SINGLE (Input only)
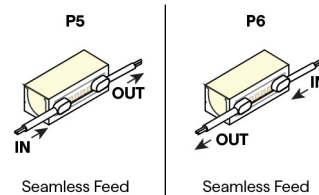
S5	**S6**
IN	IN
Seamless Feed	Seamless Feed

SEAMLESS PASS THROUGH (Input/Output)

P5	**P6**
OUT / IN	IN / OUT
Seamless Feed	Seamless Feed

CONFIGURATION OPTIONS

S1
.10" width of end cap
.10" width of end cap
Single End Feed

S1
P1
Connection by others
Non-Continuous End Feed

P1
S1
Connection by others
Non-Continuous Corner Feed

.64" width of white end caps
S2
Clear end cap
P2
White end cap
Continuous Bottom Feed

S3
P3
Clear end cap
White end cap
.64" width of white end caps
Continuous Side Feed - Left

.64" width of white end caps
S4
Clear end cap
P4
White end cap
Continuous Side Feed - Right

S5
Clear end cap
P5
No dim spot, Clear end caps
Clear end cap
Seamless Side Feed

S1
S1
No dim spot, clear endcaps
Continuous End to End Feed

Field Cuttable Fixture
S1
S1
No dim spot, clear endcaps
Standard Fixture
Field Cuttable - Continuous End to End Feed

Field Cuttable Fixture
No dim spot, Clear end caps
S5
Clear end cap
P5
Clear end cap
Standard Fixture
Field Cuttable - Seamless Side 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'
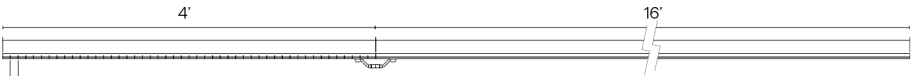
Note: Only FC fixtures are field cuttable — Do not attempt to cut non FC fixtures.
Cut only on the marked cut lines. Only cut from non-feed end. Do not attempt to cut while power is on.
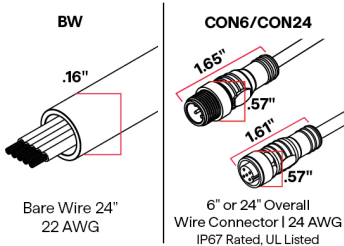
SEAMLESS

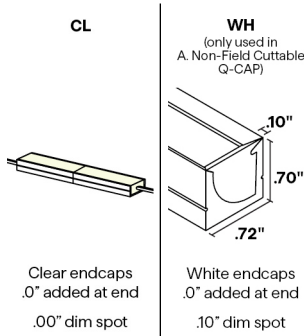Shown with bare wire, connectors vary

4.25"
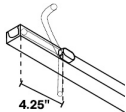
Omnidirectional
wireways
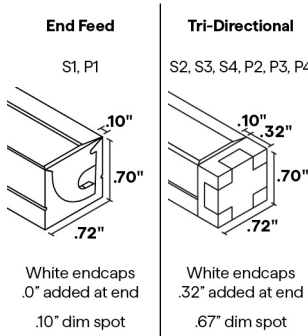S5, S6, P5, P6

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
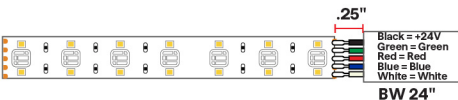
BW	CON6/CON24
.16"	1.65" .57"
	1.61" .57"
Bare Wire 24" 22 AWG	6" or 24" Overall Wire Connector	24 AWG IP67 Rated, UL Listed

10 END CAPS (NO FEED)

CL

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

.10"

.70"

.72"

Clear endcaps
.0" added at end

.00" dim spot

White endcaps
.0" added at end

.10" dim spot

END CAPS (WITH FEED)

End Feed

S1, P1

Tri-Directional

S2, S3, S4, P2, P3, P4

.10"

.70"

.72"

.10" .32"

.70"

.72"

White endcaps
.0" added at end

.10" dim spot

White endcaps
.32" added at end

.67" dim spot

11 LENGTH - WIRING DETAIL

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

.25"

Black = +24V
Green = Green
Red = Red
Blue = Blue
White = White

BW 24"

Q-CAP KURV™ RGBW HIGH EFFICACY
24VDC Flexible Fixtures

12 EXACT/OPTIMAL FIXTURE LENGTH

Optimal Fixtures

DIM SPOT — DIM SPOTS — DIM SPOT
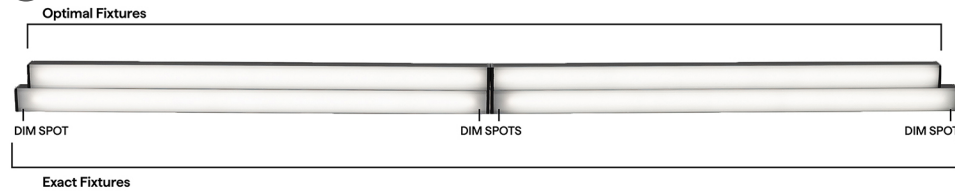
Exact Fixtures

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.

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 (End Feed)	S2 (Bottom Feed)	S3 (Side Feed - Left)	S4 (Side Feed - Right)	P1 (End Feed)	P2 (Bottom Feed)	P3 (Side Feed - Left)	P4 (Side Feed - Right)	S5 (Seamless Feed)	P5 (Seamless Feed)
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 RGBW, RGBW-HE	OUTDOOR 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	

Q-CAP KURV™ RGBW HIGH EFFICACY
24VDC Flexible Fixtures

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	

COMPATIBLE MOUNTING ACCESSORIES

Q-ANGLE

2.23"

1.38"

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

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