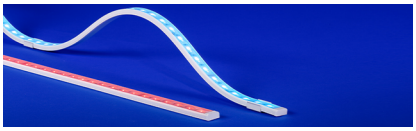
# Q-CAP WURM™ RGBW

24VDC Flexible Fixtures






- Flexible encapsulated fixture with CLEAR encapsulation only
- Both helical bend and up/down bend
- 6" bend radius
- Interior and exterior rated (not including FC)
- Two mounting options available
- Do not cut Non-Field Cuttable Q-CAP flexible fixtures

## 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 |
| WURM-RGBW | | | | 6.0 | ENC/CL |

**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 |
| | | | WH | | |

Sample Part Number: **WURM-RGBW-WSCS-DRY-RGBW-30-6.0-ENC/CL-P1-BW-BW-N/A-48"-E**

### A1 PRODUCT

**WURM-RGBW**

See last page for compatible power supplies.

### A2 MOUNTING

| | |
|---|---|
| **MCS** | Magnetic Clip Small |
| **WSCS** | White Snug Clip Small |
| **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

| | |
|---|---|
| **RGBW-27** | RGBW-2700K |
| **RGBW-30** | RGBW-3000K |

### A5 WATTAGE

| | |
|---|---|
| **6.0** | 6.0W-SO |

SO: Standard Output

### A6 LENS

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

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

### A7 WIRE INPUT/OUTPUT

**SINGLE (Input only)**
**S1** End Feed

**PASS THROUGH (Input/Output)**
**P1** 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 | **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".
RGBW: Available in 4" 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 | Up/Down & Helical 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 # D846,786 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

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# Q-CAP WURM™ RGBW

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 |
| WURM-FC-RGBW | | DRY | | 6.0 | ENC/CL |

**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 | WH | 48” | N/A |

Sample Part Number: **WURM-FC-RGBW-WSCS-DRY-RGBW-30-6.0-ENC/CL-S1-BW-N/A-WH-48"-N/A**

### B1 PRODUCT

**WURM-FC-RGBW**

See last page for compatible power supplies.

### B2 MOUNTING

| | |
|---|---|
| **MCS** | Magnetic Clip Small |
| **WSCS** | White Snug Clip Small |
| **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

| | |
|---|---|
| **RGBW-27** | RGBW-2700K |
| **RGBW-30** | RGBW-3000K |

### B5 WATTAGE

| | |
|---|---|
| **6.0** | 6.0W-SO |

SO: Standard Output

### B6 LENS

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

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

### B7 WIRE INPUT/OUTPUT

| | |
|---|---|
| **SINGLE (Input only)** | |
| **S1** | 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

| | |
|---|---|
| **WH** | White |

Due to cutting, white endcaps are not available.

**Single**

### B11 LENGTH (IN)

| | |
|---|---|
| **48”** | Nominal |

Starting Run length is 48.38” for S1
Each cut point subtracts from the Starting Run Length
6.0 has a 4” cut point
S1 can be cut down to as little as 4.38” for RGBW

### B12 EXACT/OPTIMAL

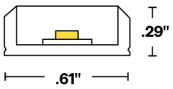
**N/A**

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# Q-CAP WURM™ RGBW

24VDC Flexible Fixtures

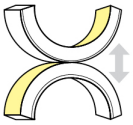
## 1 PRODUCT - DIMENSIONS




Profile
(Standard)

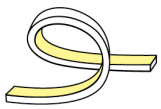
### BEND RADIUS

**Up/Down Bend**



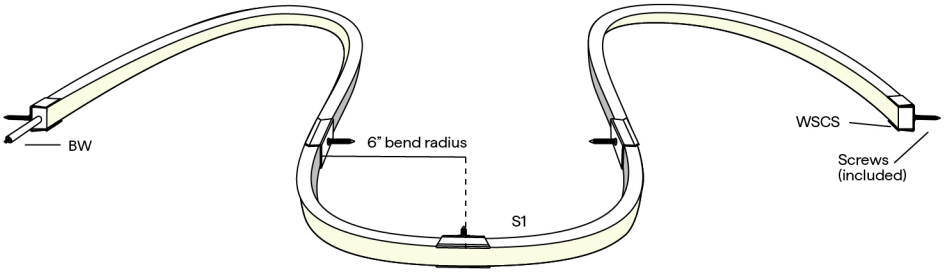
6" bending radius

**Helical Bend**



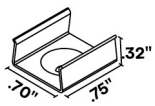
6" bending radius
Max recommended rotation
of 1 rotation per 16"

### FLEXIBILITY




## 2 MOUNTING

**WSCS**

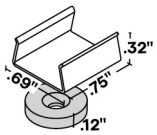



White Snug Clip Small
Indirect uplight

To order separately use WSCS

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

**MCS**

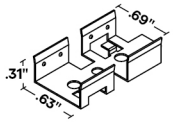



Magnetic Clip Small
Cove use only

To order separately use MCS

each clip comes with a #6x1 1/4" screw

**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 STND-QCAP-BN-UD-S-SST-16', STND-QCAP-BN-UD-S-SST-32', STND-QCAP-BN-UD-S-WH-16', or STND-QCAP-BN-UD-S-WH-32'

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

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Specification subject to change. Rev-10-13-26

# Q-CAP WURM™ RGBW

24VDC Flexible Fixtures

## 4 / 5 DELIVERED LUMENS

[Calculated L70 = 40000 hrs]
Tested with WURM-RGBW-WSCS-DRY

| 6.0 W/FT Total Load | | | |
|---|---|---|---|
| CCT | ENC/CL | | Circuit Wattage |
| | LM | Wavelength | |
| Red | 34 | 632 | 1.3 |
| Green | 99 | 514 | 1.5 |
| Blue | 25 | 464 | 1.5 |

| CCT | ENC/CL | | | | | Circuit Wattage |
|---|---|---|---|---|---|---|
| | LM | CRI Ra | CRI R9 | TM30 Rf | TM30 Rg | |
| 2700K | 91 | 93 | 69 | 87 | 105 | 1.7 |
| 3000K | ** | ** | ** | ** | ** | 1.7 |

## 6 DIODE VISIBILITY

ENC/CL - Clear encapsulation

## TEMPERATURE RATINGS

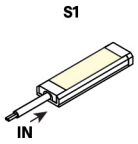
| | 6.0 W/FT | |
|---|---|---|
| | Min | Max |
| Ambient Operating Temp - Surface | -4°F | 100°F |
| Storage Temp | -4°F | 140°F |
| Installation Temp | 50°F | 100°F |

## BUG RATING

| WATTAGE | B | U | G |
|---|---|---|---|
| 6.0 (ALL CCTs & COLORS) | B0 | U1 | G0 |

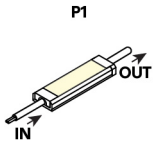
## 7 WIRE INPUT/OUTPUT

SINGLE (Input only)




End Feed

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



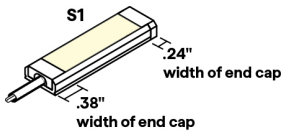

End Feed

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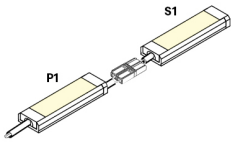
# Q-CAP WURM™ RGBW

24VDC Flexible Fixtures

## CONFIGURATION OPTIONS

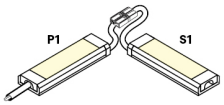



Single End Feed



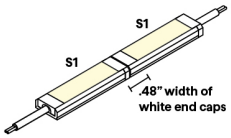

Connection by others

Non-Continuous End Feed

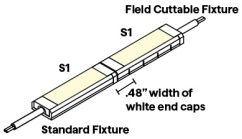



Connection by others

Non-Continuous Corner Feed

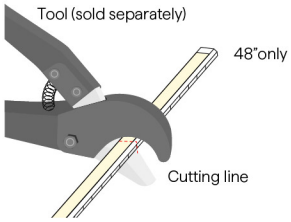



Continuous End to End Feed




Field Cuttable - Continuous End to End Feed

## FIELD CUTTABLE MARKING



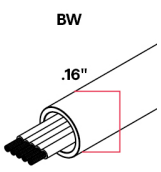

Field cuttable fixtures are sold in 4' increments and go at the end of a run, allowing for easy field adjustment




**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.

## 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



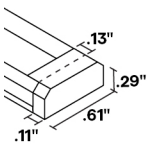

Bare Wire 24"
22 AWG




6" or 24" Overall
Wire Connector | 24 AWG
IP67 Rated, UL Listed

## 10 END CAPS (NO FEED)

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



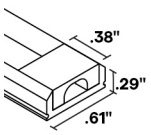

White endcaps
.11" added at end

.24" dim spot

## END CAPS (WITH FEED)

**End Feed**

S1, P1




White endcaps
.0" added at end

.38" dim spot

## 11 LENGTH - WIRING DETAIL

6.0W | 48" with 4" cutpoints




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Specification subject to change. Rev-10-13-26

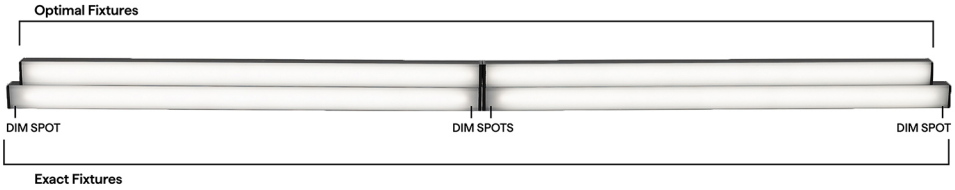
# Q-CAP WURM™ RGBW

24VDC Flexible Fixtures

## 12 EXACT/OPTIMAL FIXTURE LENGTH

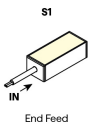
E/O Length Calculator → E/O Explained →

Exact fixtures are the exact length specified +0 -1/8". 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.

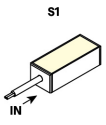
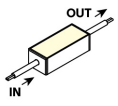



## RGBW ENC LENGTHS BY INCH

### EXACT LENGTH

| Requested Length | Potential dim spot on either end of a S1 fixture   |
|---|---|
| 12" | 2" |
| 13" | 0.5" |
| 14" | 1" |
| 15" | 1.5" |
| 16" | 2" |
| 17" | 0.5" |
| 18" | 1" |
| 19" | 1.5" |
| 20" | 2" |
| 21" | 0.5" |
| 22" | 1" |
| 23" | 1.5" |
| 24" | 2" |
| 36" | 2" |
| 48" | 2" |
| 60" | 2" |
| 72" | 2" |
| 84" | 2" |
| 96" | 2" |

### OPTIMAL LENGTH

| Requested Nominal Length | S1   | P1   |
|---|---|---|
| 12" | 8.75" | 9.00" |
| 13" | 12.75" | 13.00" |
| 14" | 12.75" | 13.00" |
| 15" | 12.75" | 13.00" |
| 16" | 12.75" | 13.00" |
| 17" | 16.75" | 17.00" |
| 18" | 16.75" | 17.00" |
| 19" | 16.75" | 17.00" |
| 20" | 16.75" | 17.00" |
| 21" | 20.75" | 21.00" |
| 22" | 20.75" | 21.00" |
| 23" | 20.75" | 21.00" |
| 24" | 20.75" | 21.00" |
| 36" | 32.75" | 33.00" |
| 48" | 44.75" | 45.00" |
| 60" | 56.75" | 57.00" |
| 72" | 68.75" | 69.00" |
| 84" | 80.75" | 81.00" |
| 96" | 92.75" | 93.00" |

## 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<br>QT-CAB-eLED+DMX<br>QTM-eLED+DALI-DT8<br>QTM-eLED+DMX<br>QZ-DMX | Q-SET-QZ-DMX<br>QOM-eLED+DALI-DT8<br>QOM-eLED+DALI-DT8-PS<br>QOM-eLED+DMX<br>QZ-DMX |
| 1% | QZ-DALI-DT8 | Q-SET+QZ-DALI-DT8<br>QZ-DALI-DT8 |
| 10% | Non-Dim Power Supply with RGBW App Dongle | |

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# Q-CAP WURM™ RGBW

24VDC Flexible Fixtures

| DIMMING PROTOCOL | INDOOR | OUTDOOR |
|---|---|---|
| | RGBW, RGBW-HE | RGBW, RGBW-HE |
| DMX | QTM-eLED+DMX<br>QZ-DMX | Q-SET-QZ-DMX<br>QOM-eLED+DMX<br>QZ-DMX |
| DALI-2: DT8 | QT-CAB-eLED+DALI-DT8<br>QTM-eLED+DALI-DT8<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 RGBW App Dongle | |

## COMPATIBLE MOUNTING ACCESSORIES

**NJ-MEDIUM**



J Mounting Bracket

**SD-L-MEDIUM**



L Mounting Bracket

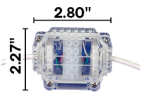
**iQ-QCAP-UNV-CUTTER**



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

## COMPATIBLE APPS

**NFC APP**

Read and write DMX addresses and adjust voltage

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Specification subject to change. Rev-10-13-26

# Q-CAP WURM

Flexible Fixtures

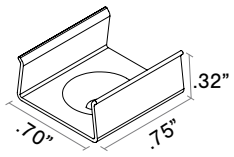
## Mounting

NOTE: 2 white snug clips provided per first 12", 1 for each additional 12".
Other mounting styles incur additional charge, see price guide for details.

**WSCS:**

**WHITE SNUG CLIP SMALL**

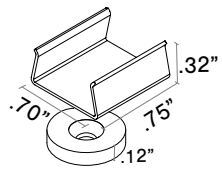
- For indoor/outdoor use
- Surface mounting
- Stainless Steel/Corrosion resistant
- Discrete mounting
- White glossy finish




**MCS:**

**MAGNETIC CLIP SMALL**

- For indoor/outdoor use
- Steel clip
- Neodymium magnet
- Easy install
- Easily detachable
- Inaccessible locations such as cove area
- White glossy finish




**MOUNTING HARDWARE**

- #6 - 5/8" (one provided for each clip)
- 832 Silicone (sold separately)

**MOUNTING HARDWARE**

- #6 - 1 1/4" (one provided for each clip)
- 832 Silicone (sold separately)

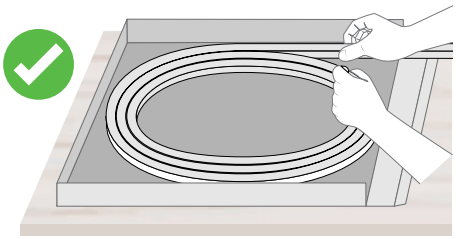
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# WURM

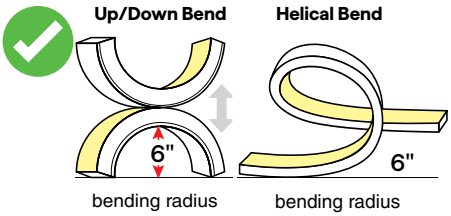
Q-CAP HANDLING INSTRUCTIONS

# WARNING: FRAGILE

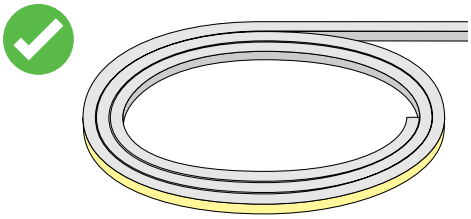
**Flexible fixtures contain sensitive electronics, requiring careful handling and installation to preserve their warranty. When unpacking flexible fixtures, handle them gently and test all fixtures upon receiving.**



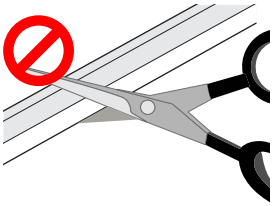
Keep the fixtures flat and supported when removing them from the box. Unroll them carefully on a flat surface and do not bend them against the intended bend direction.



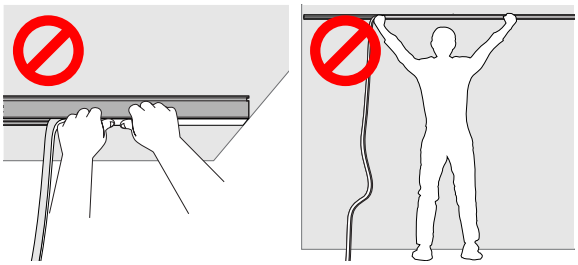

This WURM fixture is omnidirectional and has up/down and helical bending capabilities. Do not bend the fixture more than a 6" radius.



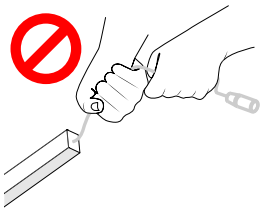
Powering the fixtures prior to installing will warm them up and make them more flexible, preventing damage.



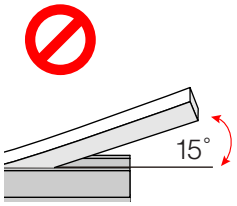
Only FC fixtures are field cuttable. Do not attempt to cut non-FC fixtures. Field modifications void warranty.



Do not let any portion of the fixture hang in any direction during installation. Use two people to install to ensure the fixture does not hang.



Do not grab or pull by the wire feeds.




Do not bend the fixture more than 15 degrees when installing into mounting brackets or channels.

# MISHANDLING OF FIXTURES DURING INSTALLATION VOIDS WARRANTY

## TEMPERATURE RATINGS

| Static White & Static White HE | 1.5 W/FT | | 1.5HE W/FT | | 3.0 W/FT | | 3.0HE W/FT | | 5.0 W/FT | | 6.0HE W/FT | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max |
| Ambient Operating Temp - Surface | -4°F | 135°F | -4°F | 140°F | -4°F | 120°F | -4°F | 120°F | -4°F | 105°F | -4°F | 100°F |
| Storage Temp | -4°F | 140°F | -4°F | 140°F | -4°F | 140°F | -4°F | 140°F | -4°F | 140°F | -4°F | 140°F |
| Installation Temp | 50°F | 100°F | 50°F | 100°F | 50°F | 100°F | 50°F | 100°F | 50°F | 100°F | 50°F | 100°F |

| Tunable & Warm Dim | DW 1.5HE W/FT | | DW 2.5HE W/FT | |
|---|---|---|---|---|
| | Min | Max | Min | Max |
| Ambient Operating Temp - Surface | -4°F | 140°F | -4°F | 120°F |
| Storage Temp | -4°F | 140°F | -4°F | 140°F |
| Installation Temp | 50°F | 100°F | 50°F | 100°F |

| RGB | 6.0 W/FT | |
|---|---|---|
| | Min | Max |
| Ambient Operating Temp - Surface | -14°F | 90°F |
| Storage Temp | -13°F | 176°F |
| Installation Temp | 50°F | 100°F |

| RGBW & RGBW-HE | 6.0 W/FT | | 4.0HE W/FT | |
|---|---|---|---|---|
| | Min | Max | Min | Max |
| Ambient Operating Temp - Surface | -4°F | 100°F | -4°F | 110°F |
| Storage Temp | -4°F | 140°F | -4°F | 176°F |
| Installation Temp | 50°F | 100°F | 50°F | 100°F |

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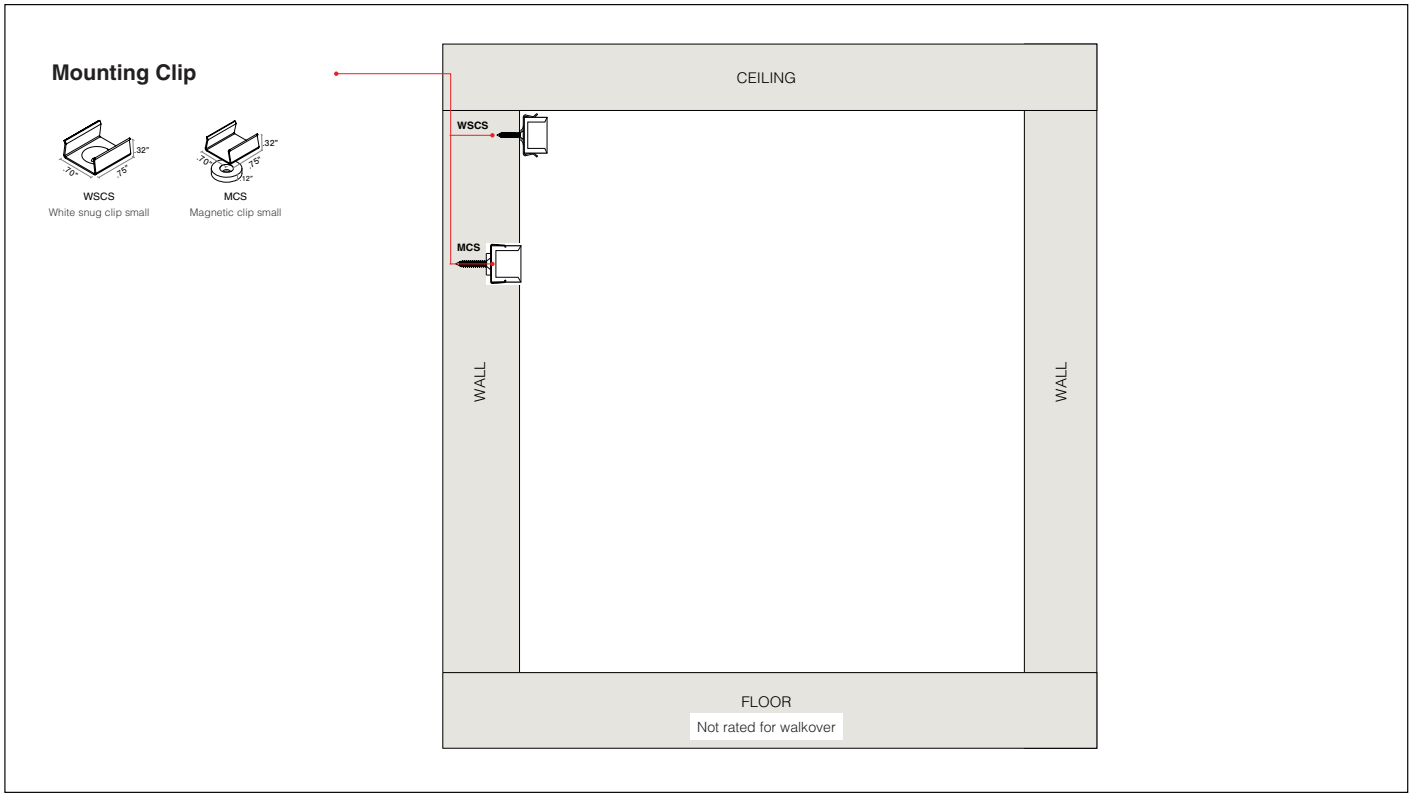
# Q-CAP WURM

Q-CAP Flexible Fixtures Installation Instructions

**ATTENTION: Please read all instructions BEFORE installation**

- Product to be installed by a licensed electrician - Field modifications void warranty
- Use only with Class 2 power supply unit — Warranty only valid with QTL power supplies
- Surface mount or recessed in millwork
- Not rated for walkover
- Input Voltage: 24VDC
- Diagrams for representation only and not to scale.

## METHODS OF INSTALLATION




### Mounting Method

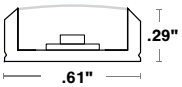
- WSCS (page 6)
- BN-UD (page 7)
- MCS (page 8)



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# Q-CAP WURM

Q-CAP Flexible Fixtures Installation Instructions

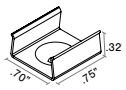



WURM Profile

## COMPONENTS & HARDWARE

Alternate screw lengths can be used in installation as long as the screw diameter size is consistent with the included screw diameter size

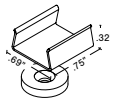
| MOUNTING CLIP & MOUNTING CHANNEL | |
|---|---|
| WSCS | MCS |




White snug clip small

| Included |
|---|
| • #6 Flat Screw (one provided for each clip) |

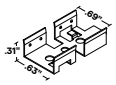
- 2 white snug clips provided per first 12", 1 for each additional 12". Other mounting styles incur additional charge, see price guide for details




Magnetic clip small (Cove use only)

| Included |
|---|
| • #6 Flat Screw (one provided for each clip) |

| SEAMLESS MOUNTING CLIP |
|---|
| STND-QCAP-BN-UD-S |



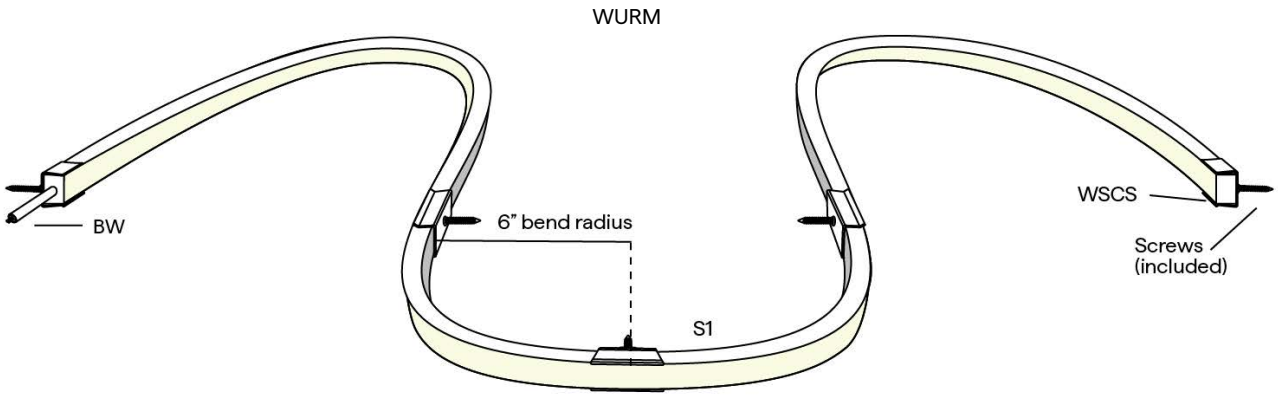

Vertical Flexible Channel

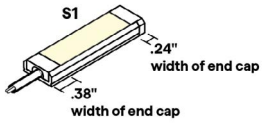
| Included |
|---|
| • #4-40 1/2" screws (64 screws for every 16') |



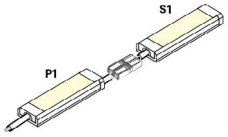
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## CONFIGURATION OPTIONS



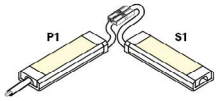




Single End Feed



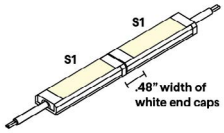

Connection by others

Non-Continuous End Feed

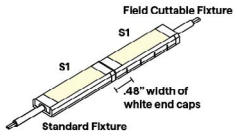



Connection by others

Non-Continuous Corner Feed




Continuous End to End Feed




Field Cuttable - Continuous End to End Feed

Review wire method to ensure clean installation prior to mounting finished fixture.

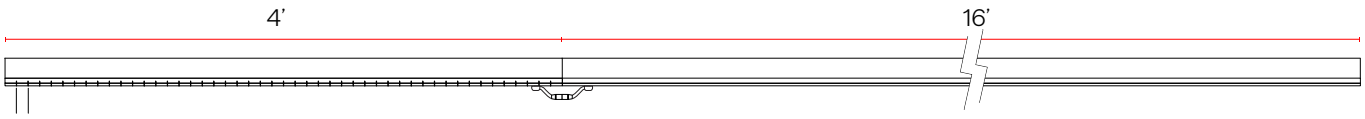
**NOTE:** Additional wire methods include:
S1: Connector/Wire Input only
P1: Connector/Wire Input and Output

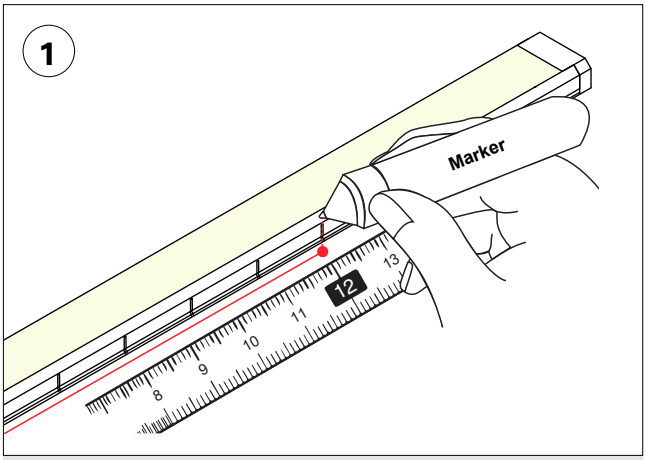



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## FIELD CUTTABLE

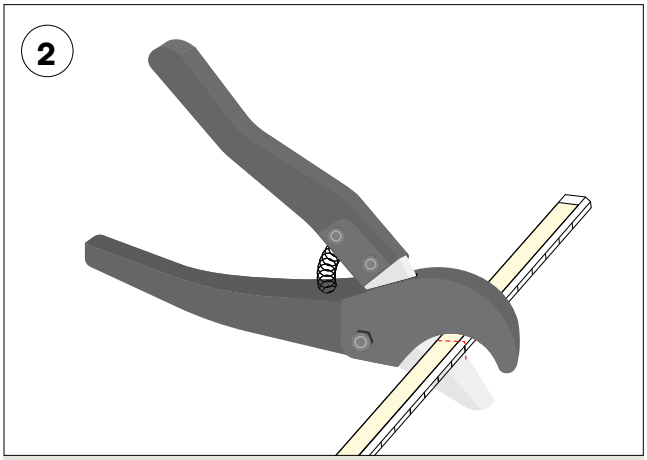
- Field cuttable fixtures are sold in 4' increments and go at the end of a run, allowing easy field adjustment
- Only FC fixtures are field cuttable - DO NOT CUT NON-FIELD CUTTABLE FIXTURES
- Do not attempt to cut while power is on




Mark desired length on field cuttable housing on the cut line.

**NOTE:** Only Cut on the marked cut lines. Only cut from non-feed end.




Cut with Q-CAP cutter tools (sold separately).



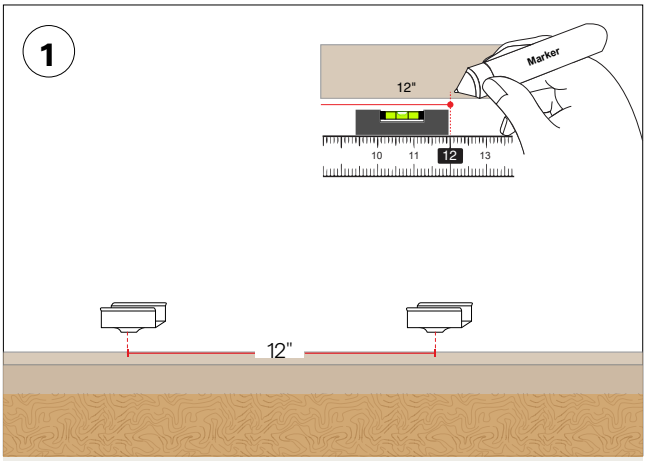
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# Q-CAP WURM

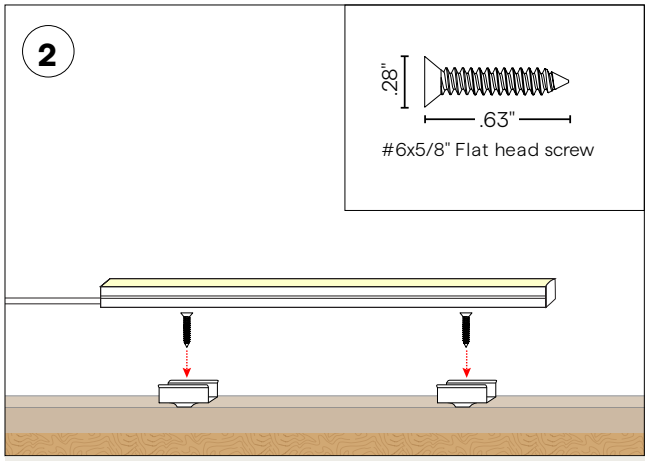
Q-CAP Flexible Fixtures Installation Instructions

## SURFACE MOUNTING METHOD: **WHITE SNUG CLIP SNUG SMALL**

- 2 clips provided per first 12", 1 for each additional 12"

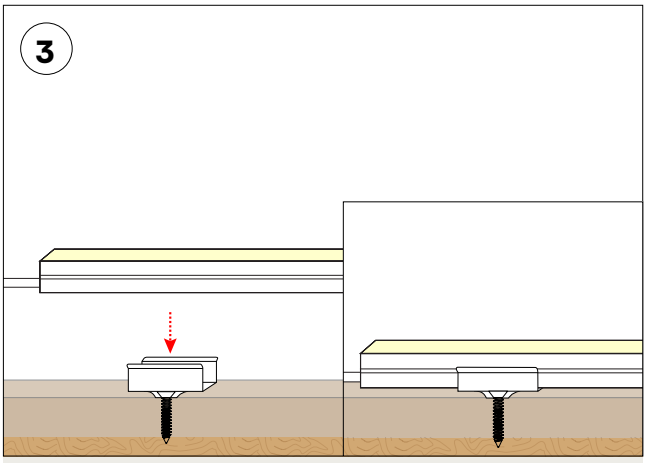



Determine the fixture(s) location and positioning on desired surface; evenly distribute clips. Make any necessary reference markings to indicate where each clip is to be secured in place. Recommended every 12".




- Secure clips using the #6 flat head hardware provided
- Ensure the screw head is flush with the clip's base.

**NOTE:** Flat head screw type is dependent on surface/application material Alternative flat head screws may be required. Refer to the surface material manufacturer for suggested screw type.




Snap fixture onto clips.

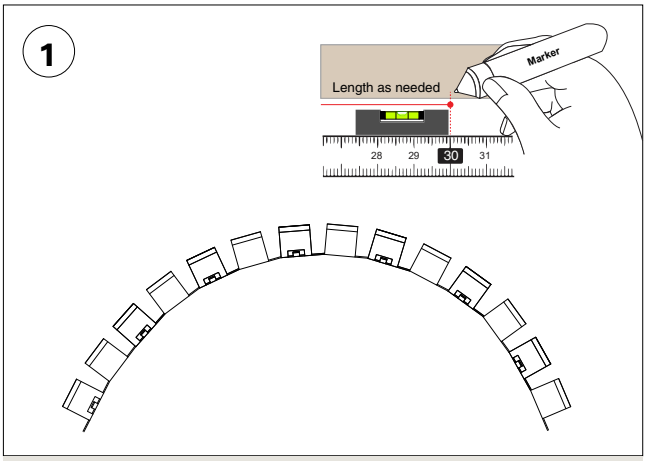


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# Q-CAP WURM

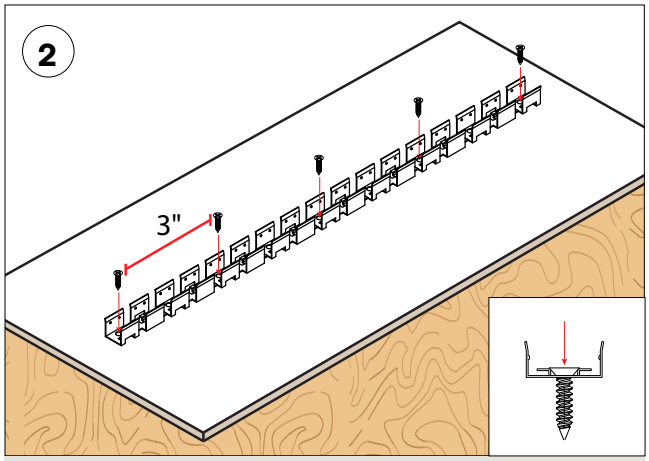
Q-CAP Flexible Fixtures Installation Instructions

SURFACE MOUNTING METHOD: **BN-UD**



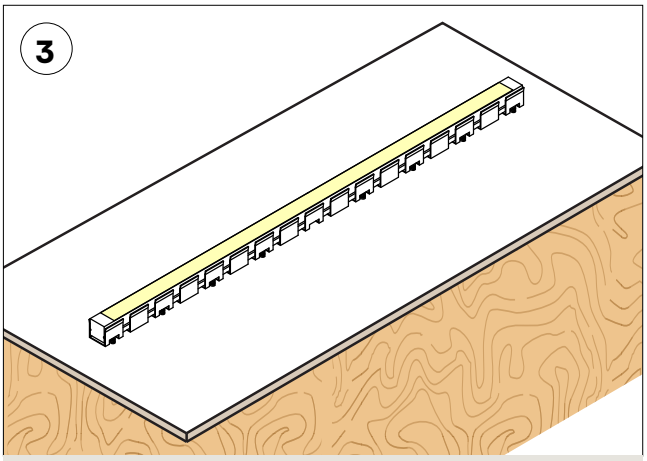

Determine the fixture(s) location and positioning on desired surface and arrange the BENDIT channel into the desired shape. Make any necessary reference markings to indicate where the channel is to be secured in place.

**NOTE:** The bend of the channel cannot exceed the bend of the fixture, Bending past the recommended amount can damage the fixture, Please see Q-CAP fixture bend radius chart or fixture cut sheet




Use #4 tapping screws to make shape desired while not exceeding fixture bend radius. Recommended 1 screw approximately every 3”

**NOTE:** Screws should be secured all the way down.




Press fit the fixture into the channel until secure.

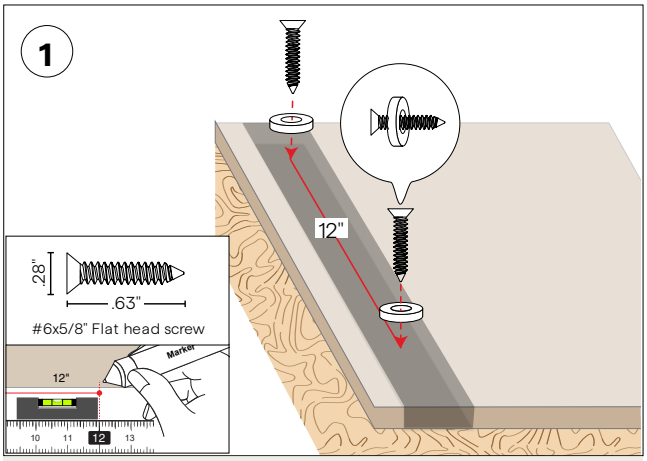
| Q-CAP Fixture Bend Radius | | | |
|---|---|---|---|
| Fixture | Vertical Bend | Horizontal Bend | Helical Bend |
| ANYBEND | 9" | 9" | - |
| BOXA | 6" | - | - |
| KURV | - | 6" | - |
| KURV-BK | - | 10" | - |
| LUME | 6" | - | - |
| NEXUS | 4" | - | 4" |
| WALA | - | 6" | - |
| WAVE | 6" | - | - |
| WURM | 6" | - | 6" |
| ZALA | - | 6" | - |



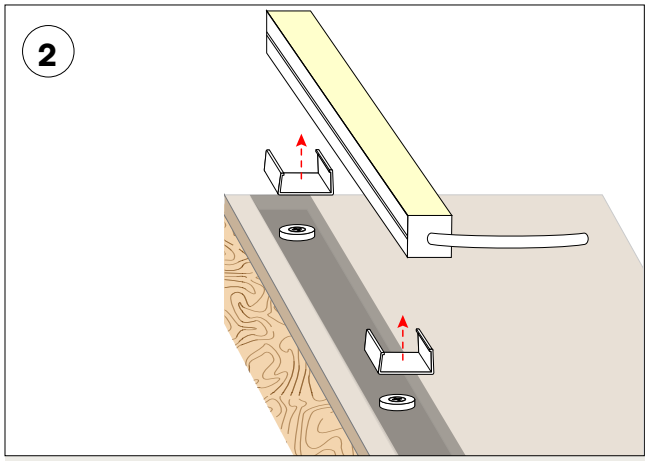
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## RECESSED MOUNTING METHOD: **MAGNETIC CLIP SMALL**

- 2 clips provided per first 12", 1 for each additional 12"

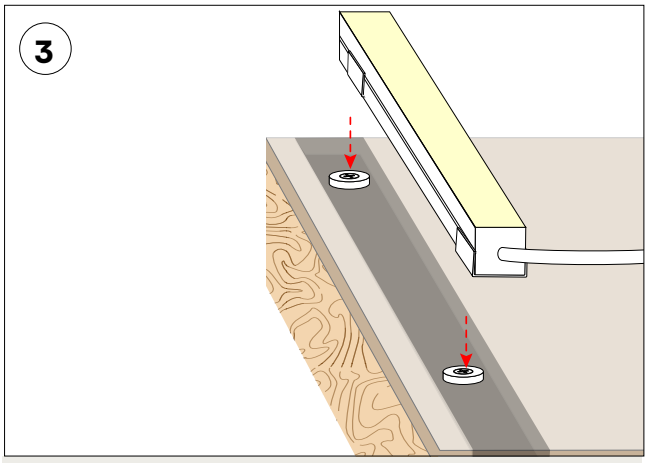



Determine the fixture(s) location and positioning on desired surface; evenly distribute clips. Make any necessary reference markings to indicate where each clip is to be secured in place. Recommended every 12".




Attach clips to fixture matching magnet distances.

**NOTE:** Flat head screw type is dependent on surface/application material. Alternative flat head screws may be required. Refer to the surface material manufacturer for suggested screw type.




Align and snap fixture to magnetic rings.



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# Q-CAP WURM-RGBW

Flexible Fixtures Color Data

## WURM-RGBW-DRY-R-6.0-ENC/CL

0 K

**CRI:** 0.0

**CRI R9:** 0.0

**TM30 Rf:** 0.0

**TM30 Rg:** 0.0

**CQS:** 0.0

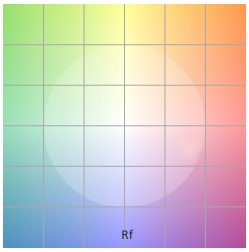
**X:** 0.613

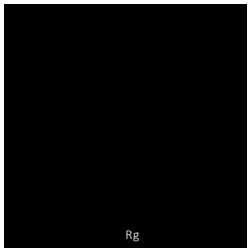
**Y:** 0.291

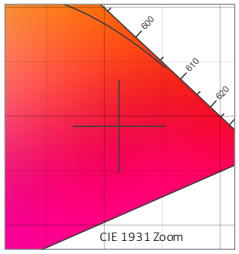
**U:** 0.466

**V:** 0.331

**Δuv:** n/a




| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| TM30 | | | |
|---|---|---|---|
| Hue Bin | *Rf* | Chroma | Hue |
| 1 | 0 | 0% | 0% |
| 2 | 0 | 0% | 0% |
| 3 | 0 | 0% | 0% |
| 4 | 0 | 0% | 0% |
| 5 | 0 | 0% | 0% |
| 6 | 0 | 0% | 0% |
| 7 | 0 | 0% | 0% |
| 8 | 0 | 0% | 0% |
| 9 | 0 | 0% | 0% |
| 10 | 0 | 0% | 0% |
| 11 | 0 | 0% | 0% |
| 12 | 0 | 0% | 0% |
| 13 | 0 | 0% | 0% |
| 14 | 0 | 0% | 0% |
| 15 | 0 | 0% | 0% |
| 16 | 0 | 0% | 0% |

## WURM-RGBW-DRY-G-6.0-ENC/CL

0 K

**CRI:** 0.0

**CRI R9:** 0.0

**TM30 Rf:** 0.0

**TM30 Rg:** 0.0

**CQS:** 0.0

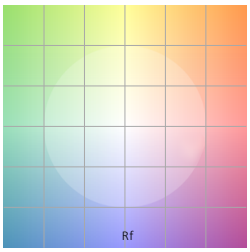
**X:** 0.145

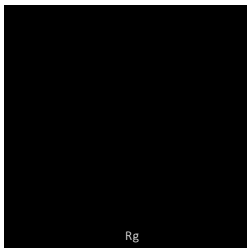
**Y:** 0.654

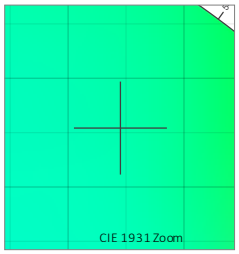
**U:** 0.055

**V:** 0.372

**Δuv:** n/a




| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| TM30 | | | |
|---|---|---|---|
| Hue Bin | *Rf* | Chroma | Hue |
| 1 | 0 | 0% | 0% |
| 2 | 0 | 0% | 0% |
| 3 | 0 | 0% | 0% |
| 4 | 0 | 0% | 0% |
| 5 | 0 | 0% | 0% |
| 6 | 0 | 0% | 0% |
| 7 | 0 | 0% | 0% |
| 8 | 0 | 0% | 0% |
| 9 | 0 | 0% | 0% |
| 10 | 0 | 0% | 0% |
| 11 | 0 | 0% | 0% |
| 12 | 0 | 0% | 0% |
| 13 | 0 | 0% | 0% |
| 14 | 0 | 0% | 0% |
| 15 | 0 | 0% | 0% |
| 16 | 0 | 0% | 0% |

## WURM-RGBW-DRY-B-6.0-ENC/CL

0 K

**CRI:** 0.0

**CRI R9:** 0.0

**TM30 Rf:** 0.0

**TM30 Rg:** 0.0

**CQS:** 0.0

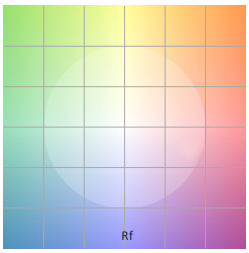
**X:** 0.140

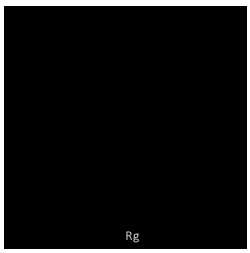
**Y:** 0.067

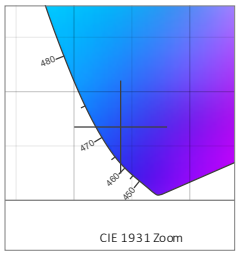
**U:** 0.159

**V:** 0.115

**Δuv:** n/a




| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| TM30 | | | |
|---|---|---|---|
| Hue Bin | *Rf* | Chroma | Hue |
| 1 | 0 | 0% | 0% |
| 2 | 0 | 0% | 0% |
| 3 | 0 | 0% | 0% |
| 4 | 0 | 0% | 0% |
| 5 | 0 | 0% | 0% |
| 6 | 0 | 0% | 0% |
| 7 | 0 | 0% | 0% |
| 8 | 0 | 0% | 0% |
| 9 | 0 | 0% | 0% |
| 10 | 0 | 0% | 0% |
| 11 | 0 | 0% | 0% |
| 12 | 0 | 0% | 0% |
| 13 | 0 | 0% | 0% |
| 14 | 0 | 0% | 0% |
| 15 | 0 | 0% | 0% |
| 16 | 0 | 0% | 0% |

**NOTES:**
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-03-10-24

# Q-CAP WURM-RGBW

Flexible Fixtures Color Data

## WURM-RGBW-DRY-RGBW-27-6.0-ENC/CL

2785 K

**CRI:** 93.3

**CRI R9:** 73.2

**TM30 Rf:** 86.4

**TM30 Rg:** 105.4

**CQS:** 86.0

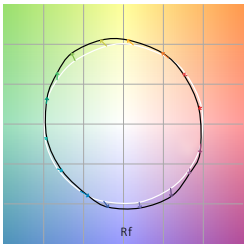
**X:** 0.440

**Y:** 0.385

**U:** 0.261

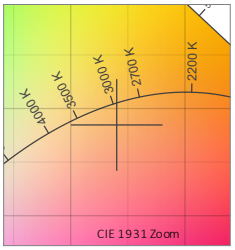
**V:** 0.343

**Δuv:** -0.0082










| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 96.0 | 96.8 | 94.3 | 92.0 | 94.7 | 94.4 | 91.5 | 87.0 | 73.2 | 90.1 | 91.4 | 82.7 | 96.5 | 95.6 | 95.0 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 87.6 | 96.7 | 79.7 | 81.9 | 88.4 | 85.2 | 78.8 | 85.5 | 95.7 | 86.9 | 85.4 | 85.6 | 87.8 | 89.8 | 89.1 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 91.7 | 89.3 | 78.3 | 83.7 | 86.3 | 83.5 | 84.8 | 88.0 | 93.1 | 88.2 | 81.4 | 82.7 | 89.1 | 86.2 | 88.4 | 84.7 |

| TM30 | | | |
|---|---|---|---|
| Hue Bin | *Rf* | Chroma | Hue |
| 1 | 92 | -4% | -1% |
| 2 | 89 | -3% | 5% |
| 3 | 78 | 1% | 10% |
| 4 | 84 | 5% | 8% |
| 5 | 86 | 9% | 6% |
| 6 | 83 | 10% | -2% |
| 7 | 85 | 5% | -7% |
| 8 | 88 | 1% | -7% |
| 9 | 93 | -2% | -2% |
| 10 | 88 | -4% | 5% |
| 11 | 81 | -1% | 12% |
| 12 | 83 | 6% | 7% |
| 13 | 89 | 7% | 0% |
| 14 | 86 | 9% | -5% |
| 15 | 88 | 3% | -5% |
| 16 | 85 | 1% | -11% |

**NOTES:**
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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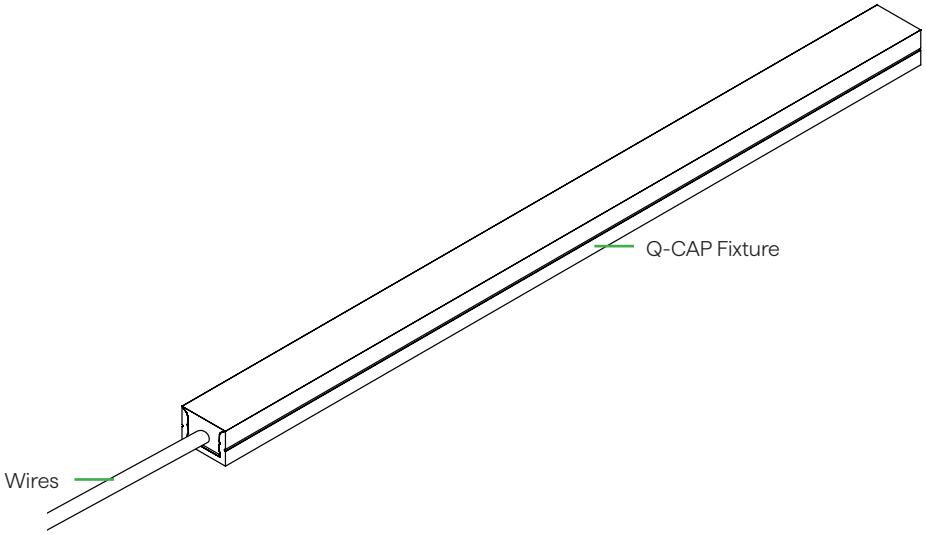
Specification subject to change. Rev-03-10-24

# MATERIAL RECYCLING

Q-CAP FLEXIBLE FIXTURES

You may be done with your products, but chances are they still have more to give. Follow these instructions to break down and sort recyclable components. Check with local recycling collection to ensure they accept the materials listed below.

Additionally, Q-Tran offers a Takeback Program. Contact factory for information.




E

Q-CAP Fixture
Wires

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