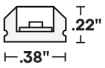
# Q-CAP NEXUS STATIC WHITE

24VDC Flexible Fixtures






- Flexible encapsulated fixture
- Both helical bend and up/down bend
- 4" bend radius
- Interior and exterior rated (not including FC)
- 60% smaller than QTL's WURM fixture
- 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 |
| | | | | | |

**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: **NEXUS-SW-WSC-DRY-30-4.0-ENC/TL-P1-BW-BW-N/A-48"-E**

### A1 PRODUCT

**NEXUS-SW**
**NEXUS-SW-USA**

Select USA option for BA, BAA and BABA projects.

See last page for compatible power supplies.

### A2 MOUNTING

| | |
|---|---|
| **WSC** | White Snug Clip |
| **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 cove use, not intended for hanging fixtures upside down.

### A3 RATED

| | |
|---|---|
| **DRY** | IP20 |
| **WET** | IP67 |

### A4 CCT

| | |
|---|---|
| **22** | 2200K |
| **24** | 2400K |
| **27** | 2700K |
| **30** | 3000K |
| **35** | 3500K |
| **40** | 4000K |

### A5 WATTAGE

| | |
|---|---|
| **1.0** | 1.0W-SO |
| **2.0** | 2.0W-HO |
| **4.0** | 4.0W-VHO |

SO: Standard Output
HO: High Output
VHO: Very High Output

### A6 LENS

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

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

### A7 WIRE INPUT/OUTPUT

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

**PASS THROUGH (Input/Output)**
**P1** End Feed

### A8 CONNECTOR/WIRE IN

**BW** Bare Wire (Standard 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")

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")

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".
Available in 1" 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 | Only FC fixtures are Field-Cuttable per installation instructions | Field Cuttable is not returnable or refundable after it has been cut

© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | www.QTL.lighting

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

# Q-CAP NEXUS STATIC WHITE

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 |
| | | 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 |
| | BW | N/A | WH | 48” | N/A |

Sample Part Number: **NEXUS-FC-SW-WSC-DRY-30-4.0-ENC/TL-S1-BW-N/A-WH-48"-N/A**

### B1 PRODUCT

**NEXUS-FC-SW**
**NEXUS-FC-SW-USA**

Select USA option for BA, BAA and BABA projects.

See last page for compatible power supplies.

### B2 MOUNTING

| | |
|---|---|
| **WSC** | White Snug Clip |
| **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 cove use, not intended for hanging fixtures upside down.

### B3 RATED

| | |
|---|---|
| **DRY** | IP20 |

### B4 CCT

| | |
|---|---|
| **22** | 2200K |
| **24** | 2400K |
| **27** | 2700K |
| **30** | 3000K |
| **35** | 3500K |
| **40** | 4000K |

### B5 WATTAGE

| | |
|---|---|
| **1.0** | 1.0W-SO |
| **2.0** | 2.0W-HO |
| **4.0** | 4.0W-VHO |

SO: Standard Output
HO: High Output
VHO: Very 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 |

### B8 CONNECTOR/WIRE IN

| | |
|---|---|
| **BW** | Bare Wire (Standard 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

Single

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

### B11 LENGTH (IN)

| | |
|---|---|
| **48”** | Nominal |

Starting Run length is 48.55" for S1
Each cut point subtracts from the Starting Run Length
1.0, 2.0, & 4.0 have a 1" cut point
S1 can be cut down to as little as 1.55" for SW

### B12 EXACT/OPTIMAL

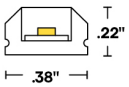
| |
|---|
| **N/A** |

© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | www.QTL.lighting

# Q-CAP NEXUS STATIC WHITE

24VDC Flexible Fixtures

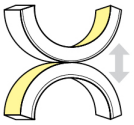
## 1 PRODUCT - DIMENSIONS




Profile
(Standard)

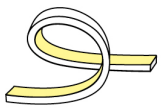
### BEND RADIUS

**Up/Down Bend**



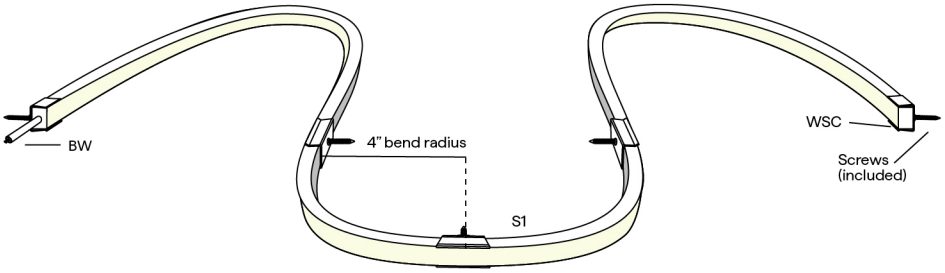
4" bending radius

**Helical Bend**



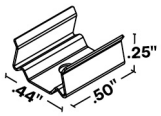
4" bending radius
Max recommended rotation of 1 rotation per 16"

### FLEXIBILITY




## 2 MOUNTING

**WSC**

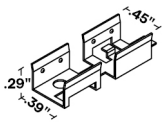



White Snug Clip
Indirect uplight

To order separately use WSC-02

Each clip comes with a #4x5/8" flat 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 MICRO5-BN-UD-S-SST-16', MICRO5-BN-UD-S-SST-32', MICRO5-BN-UD-S-WH-16', or MICRO5-BN-UD-S-WH-32'

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

© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | www.QTL.lighting

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

# Q-CAP NEXUS STATIC WHITE

24VDC Flexible Fixtures

## 4/5 DELIVERED LUMENS

[Calculated L70 = 40000 hrs]
Tested with NEXUS-SW-WSC-DRY

| CCT | 1.0W/FT | | | | 2.0W/FT | | | | 4.0W/FT | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ENC/CL | | ENC/TL | | ENC/CL | | ENC/TL | | ENC/CL | | ENC/TL | |
| | LM | CRI | LM | CRI | LM | CRI | LM | CRI | LM | CRI | LM | CRI |
| 2200K | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| 2400K | 48 | 94 | 37 | 93 | 129 | 93 | 98 | 94 | 285 | 93 | 251 | 93 |
| 2700K | 50 | 96 | 38 | 96 | 137 | 97 | 99 | 96 | 295 | 97 | 253 | 96 |
| 3000K | 53 | 96 | 39 | 98 | 141 | 96 | 101 | 98 | 304 | 96 | 252 | 98 |
| 3500K | 55 | 97 | 41 | 98 | 149 | 97 | 104 | 98 | 306 | 97 | 271 | 98 |
| 4000K | 59 | 98 | 44 | 98 | 159 | 98 | 112 | 98 | 313 | 97 | 293 | 98 |

## 6 DIODE VISIBILITY

SW

ENC/CL - Clear Encapsulation



ENC/TL - Translucent Encapsulation



## TEMPERATURE RATINGS

| | 1.0 W/FT | | 2.0 W/FT | | 4.0 W/FT | |
|---|---|---|---|---|---|---|
| | Min | Max | Min | Max | Min | Max |
| Ambient Operating Temp - Surface | -4°F | 135°F | -4°F | 125°F | -4°F | 100F |
| Storage Temp | -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 |

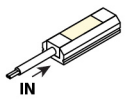
## BUG RATING

| WATTAGE | B | U | G |
|---|---|---|---|
| 1.0 (ALL CCTs), 2.0 (ALL CCTs), 4.0 (ALL CCTs) | B0 | U1 | G0 |

## 7 WIRE INPUT/OUTPUT

SINGLE (Input only)

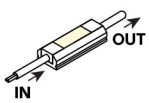
**S1**




End Feed

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

**P1**



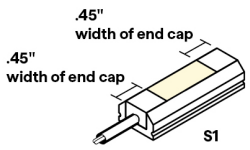

End Feed

© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | www.QTL.lighting

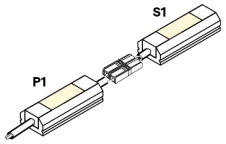
# Q-CAP NEXUS STATIC WHITE

24VDC Flexible Fixtures

## CONFIGURATION OPTIONS

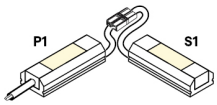



Single End Feed



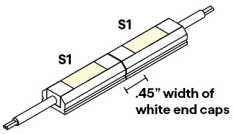

Connection by others

Non-Continuous End Feed

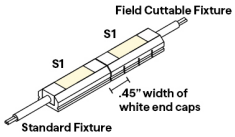



Connection by others

Non-Continuous Corner Feed

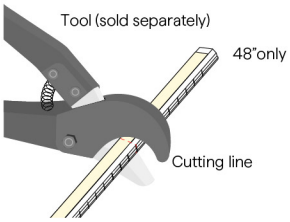



Continuous End to End Feed




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

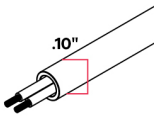



**Note:** Only FC fixtures are field cuttable — Do not attempt to cut non FC fixtures.
Cut only on the marked cut lines. Only cut from non-feed end. Do not attempt to cut while power is on.

## 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

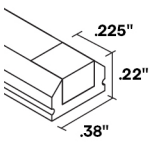
**BW**




Bare Wire 24"
Stranded 22 AWG

## 10 END CAPS (NO FEED)

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



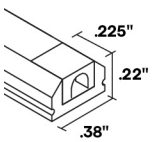

White endcaps
.0" added at end

.225" dim spot

## END CAPS (WITH FEED)

**End Feed**

S1, P1

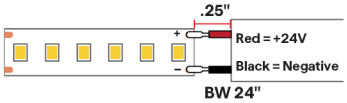



White endcaps
.0" added at end

.225" dim spot

## 11 LENGTH - WIRING DETAIL

Available in 1" increments 12"-191"




© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | www.QTL.lighting

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

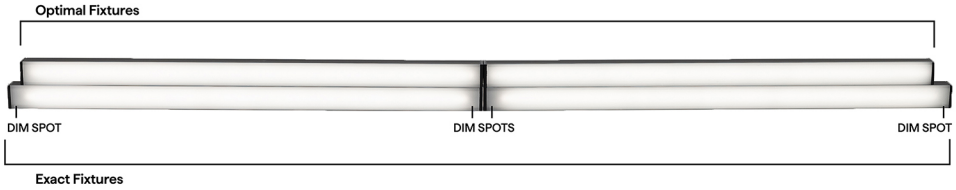
# Q-CAP NEXUS STATIC WHITE

24VDC Flexible Fixtures

## 12 EXACT/OPTIMAL FIXTURE LENGTH

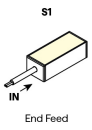
E/O Length Calculator → E/O Explained →

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.

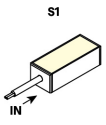
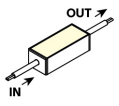



## SW ENC LENGTHS BY INCH

### EXACT LENGTH

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

### OPTIMAL LENGTH

| Requested Nominal Length | S1   | P1   |
|---|---|---|
| 12" | 11.63" | 11.75" |
| 13" | 12.63" | 12.75" |
| 14" | 13.63" | 13.75" |
| 15" | 14.63" | 14.75" |
| 16" | 15.63" | 15.75" |
| 17" | 16.63" | 16.75" |
| 18" | 17.63" | 17.75" |
| 19" | 18.63" | 18.75" |
| 20" | 19.63" | 19.75" |
| 21" | 20.63" | 20.75" |
| 22" | 21.63" | 21.75" |
| 23" | 22.63" | 22.75" |
| 24" | 23.63" | 23.75" |
| 36" | 35.63" | 35.75" |
| 48" | 47.63" | 47.75" |
| 60" | 59.63" | 59.75" |
| 72" | 71.63" | 71.75" |
| 84" | 83.63" | 83.75" |
| 96" | 95.63" | 95.75" |

© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | www.QTL.lighting

# Q-CAP NEXUS STATIC WHITE

24VDC Flexible Fixtures

## 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 |
|---|---|---|
| | MICRO 5-SW | MICRO 5-SW |
| Dim to Black | Q6M-DC+CAP<br>QTM-DC+CAP<br>iQ-PH+QD1 | QOM-DC+CAP<br>QOM-PH |
| 0.1% | QT-CAB-QZ-PH/0-10V<br>QT-CAB-eLED+0-10V<br>QT-CAB-eLED+0-10V-AWN<br>QT-CAB-eLED+DALI-DT6<br>QT-CAB-eLED+DALI-DT6-AWN<br>QTM-eLED+0-10V<br>QTM-eLED+0-10V-AWN<br>QTM-eLED+DALI-DT6<br>QTM-eLED+DALI-DT6-AWN<br>QZ-BOWTIE+DIMMER<br>QZ-DMX<br>QZ-PRO-PH/0-10V<br>QZ-STICK-PH/0-10V<br>QZLP | Q-SET-QZ-DMX<br>Q-SET-QZ-PH/0-10V<br>Q-SET-eLED+0-10V<br>QOM-eLED+0-10V<br>QOM-eLED+DALI-DT6<br>QOM-eLED+DALI-DT6-PS<br>QZ-DMX<br>QZ-PRO-PH/0-10V |
| 1% | Q-DIM<br>QTM-eLED(E)<br>QZ-DALI-DT6 | Q-SET+QZ-DALI-DT6<br>QZ-DALI-DT6 |
| 10% | Non-Dim Power Supply with SW App Dongle | Q-HEX-mini-DC<br>Q-SET-mLED |

| DIMMING PROTOCOL | INDOOR | OUTDOOR |
|---|---|---|
| | MICRO 5-SW | MICRO 5-SW |
| Non-Dim | QT-CAB-eLED-ND<br>QTM-eLED-ND<br>QZ-ND | Q-SET-QZ-ND<br>Q-SET-eLED-ND<br>QOM-eLED-ND<br>QZ-ND |
| Phase | Q6M-DC+CAP<br>QT-CAB-QZ-PH/0-10V<br>QTM-DC+CAP<br>QTM-eLED(E)<br>QZ-BOWTIE+DIMMER<br>QZ-PRO-PH/0-10V<br>QZ-STICK-PH/0-10V<br>QZLP<br>iQ-PH+QD1 | Q-HEX-mini-DC<br>Q-SET-QZ-PH/0-10V<br>Q-SET-mLED<br>QOM-DC+CAP<br>QOM-PH<br>QZ-PRO-PH/0-10V |
| 0-10V | QT-CAB-QZ-PH/0-10V<br>QT-CAB-eLED+0-10V<br>QT-CAB-eLED+0-10V-AWN<br>QTM-eLED+0-10V<br>QTM-eLED+0-10V-AWN<br>QZ-PRO-PH/0-10V<br>QZ-STICK-PH/0-10V<br>QZLP | Q-SET-QZ-PH/0-10V<br>Q-SET-eLED+0-10V<br>QOM-eLED+0-10V<br>QZ-PRO-PH/0-10V |
| Lutron Athena | QT-CAB-eLED+0-10V-AWN<br>QT-CAB-eLED+DALI-DT6-AWN<br>QTM-eLED+0-10V-AWN<br>QTM-eLED+DALI-DT6-AWN | |
| ECO System | QTM-eLED(E) | |
| DMX | QZ-DMX | Q-SET-QZ-DMX<br>QZ-DMX |
| DALI-2: DT6 | QT-CAB-eLED+DALI-DT6<br>QT-CAB-eLED+DALI-DT6-AWN<br>QTM-eLED+DALI-DT6<br>QTM-eLED+DALI-DT6-AWN<br>QZ-DALI-DT6 | Q-SET+QZ-DALI-DT6<br>QOM-eLED+DALI-DT6<br>QZ-DALI-DT6 |
| SCENE App Dimmed | Non-Dim Power Supply with SW App Dongle | |

© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | www.QTL.lighting

# Q-CAP NEXUS STATIC WHITE

24VDC Flexible Fixtures

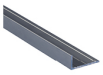
## COMPATIBLE MOUNTING ACCESSORIES

**NJ-MICRO**



J Mounting Bracket

**BL-MICRO**



Backwards L Mounting Bracket

**SD-L-MICRO**



L Mounting Bracket

**NL-MICRO**



L Mounting Bracket

**iQ-QCAP-UNV-CUTTER**



QTL recommended FC Cutter

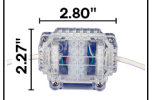
## COMPATIBLE WIRING ACCESSORIES

**Q-mini-J**




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

**Q-mini-J5**




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

**BARREL-EXT**



8ft barrel cable extender DRY ONLY

**BARREL FOUR-FER**



Splits lead from one to four LED Barrel connector fixtures, DRY/DMP

**CON120-EXT**



10ft Con cable extender DRY/DMP/WET

**CON FOUR-FER**



Splits lead from one to four LED Con connectors DRY/DMP/WET

## COMPATIBLE CONTROL ACCESSORIES

**SCENE APP DONGLE**




Wi-Fi or Bluetooth Connectivity

## COMPATIBLE APPS

**NFC APP**




Read and write DMX addresses and adjust voltage

© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | www.QTL.lighting

# Q-CAP NEXUS

Flexible Fixtures

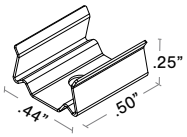
## Mounting

NOTE: 2 white snug clips provided per first 12", 1 for each additional 12".

### WSC-02:

**WHITE SNUG CLIP**

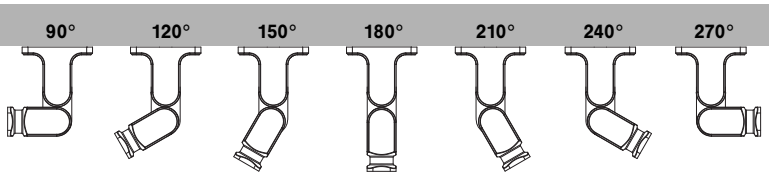
- For indoor/outdoor use
- Surface mounting
- Stainless steel/corrosion resistant
- Discrete mounting
- White glossy finish




**MOUNTING HARDWARE**

- #4 flat screw (one provided for each clip)
- 832 Silicone (sold separately)

## Mounting Accessories

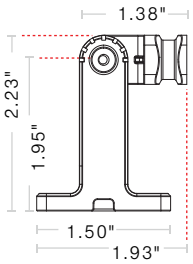



### Q-ANGLE

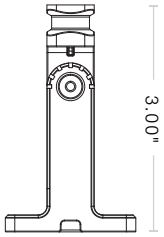
**(Full ordering guide and installation available for this product in the accessories section of website)**

- Offset lighting to illuminate signs, artwork, etc.
- For indoor/outdoor use
- Wall, ceiling, or floor mounted
- Anodized aluminum/corrosion resistant
- Free moving rotating head which can be locked into specific angles
- Preset dial notches for easy adjustments from 90° to 270°

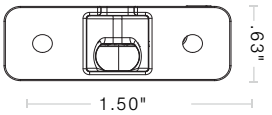
90° BACK VIEW




180° BACK VIEW

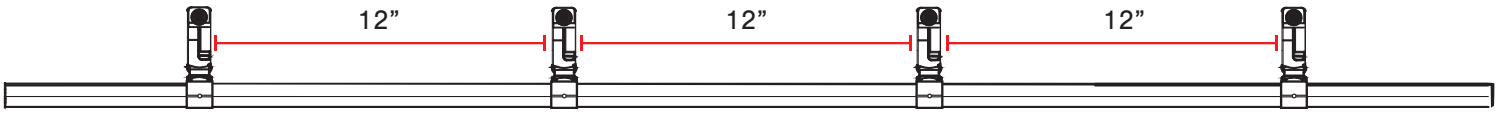



BASE; BOTTOM VIEW




**MOUNTING HARDWARE**

- Mounting Clip
- 6-32 Fillister head screw
- 4-40 Flat head screw
- Drywall anchor (not provided)
- #6- 1¼ " wood screw




**Q-ANGLE MUST BE MOUNTED EVERY 12"**

SEE Q-ANGLE INSTALL FOR MORE INFORMATION

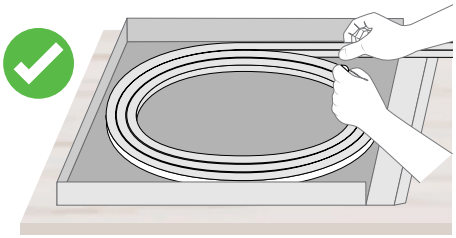
© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

# NEXUS

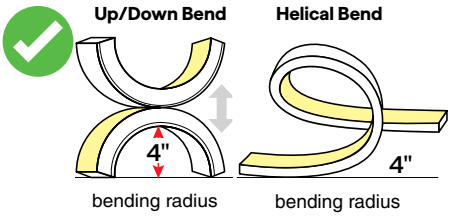
Q-CAP HANDLING INSTRUCTIONS

# WARNING: FRAGILE

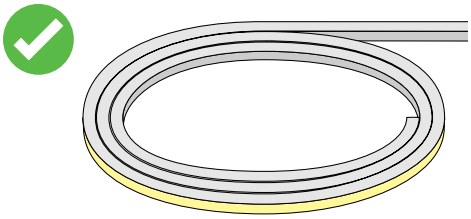
**Flexible fixtures contain sensitive electronics, requiring careful handling and installation to preserve their warranty. When unpacking flexible fixtures, handle them gently and test all fixtures upon receiving.**



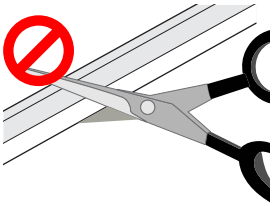
Keep the fixtures flat and supported when removing them from the box. Unroll them carefully on a flat surface and do not bend them against the intended bend direction.



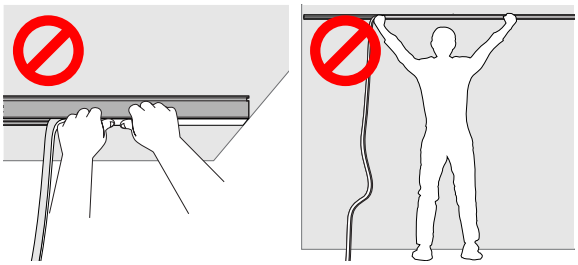

This WURM fixture is omnidirectional and has up/down and helical bending capabilities. Do not bend the fixture more than a 4" radius.



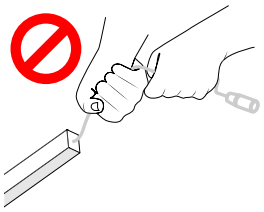
Powering the fixtures prior to installing will warm them up and make them more flexible, preventing damage.



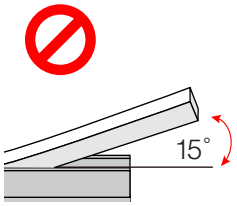
Only FC fixtures are field cuttable. Do not attempt to cut non-FC fixtures. Field modifications void warranty.



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 | 1.0 W/FT | | 2.0 W/FT | | 4.0 W/FT | |
|---|---|---|---|---|---|---|
| | Min | Max | Min | Max | Min | Max |
| Ambient Operating Temp - Surface | -4°F | 135°F | -4°F | 125°F | -4°F | 100°F |
| Storage Temp | -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 |

© 2025 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

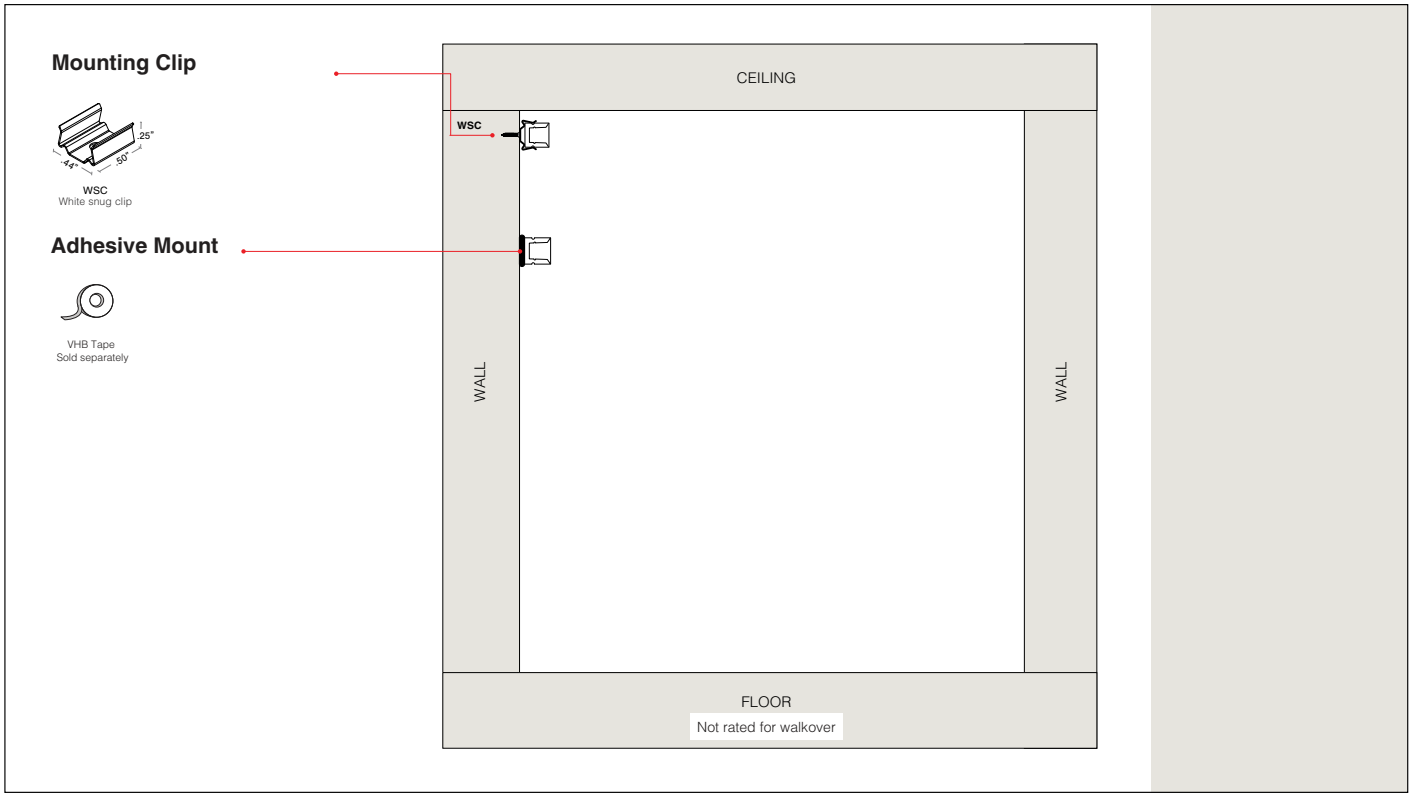
# Q-CAP NEXUS

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
- Not rated for walkover
- Input Voltage: 24VDC
- Diagrams for representation only and not to scale.

## METHODS OF INSTALLATION

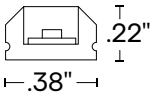



### Mounting Method

- VHB (page 6-7)
- WSC (page 8)
- BN-UD (page 9)



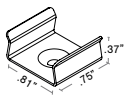
© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting




NEXUS Profile

## COMPONENTS & HARDWARE

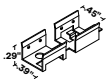
Alternate screw lengths can be used in installation as long as the screw diameter size is consistent with the included screw diameter size

| MOUNTING CLIP | ADHESIVE SOLD SEPARATELY |
|---|---|
| **WSC** | **VHB TAPE** |
|  White snug clip |  TAPE-VHB-IP20 |

**Included**

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

- White snug clip included with side graze channel
- 2 white snug clips provided per first 12", 1 for each additional 12".Other mounting styles incur additional charge, see price guide for details

| SEAMLESS MOUNTING CLIP |
|---|
| **MICRO5-BN-UD-S** |
|  Vertical Flexible Channel |

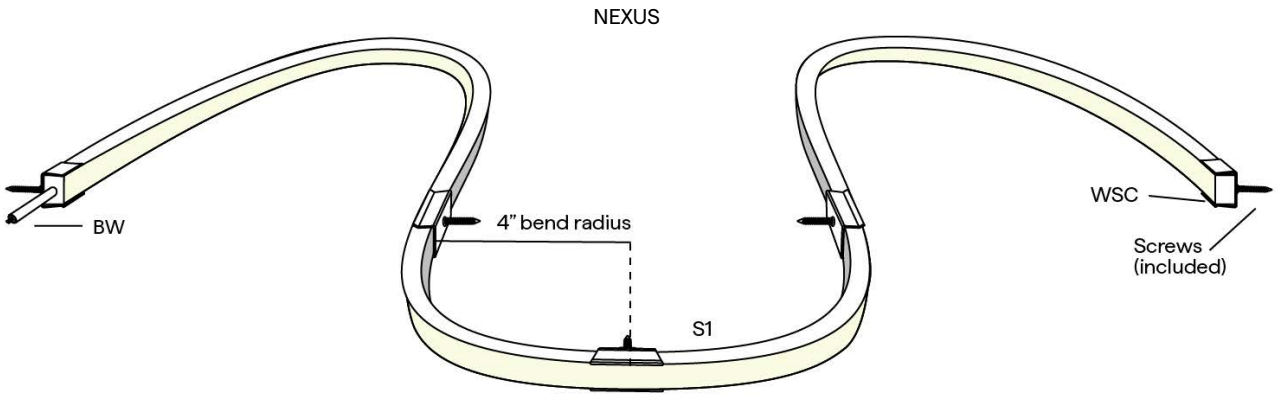
**Included**

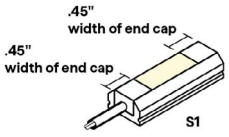
- #4-40 1/2" screws (64 screws for every 16')



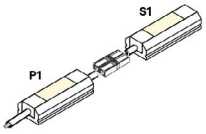
© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

## CONTINUOUS WIRING CONFIGURATION OPTIONS



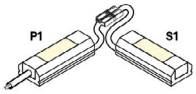




Single End Feed



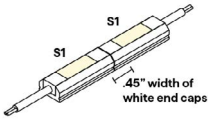

Connection by others

Non-Continuous End Feed

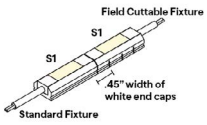



Connection by others

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.

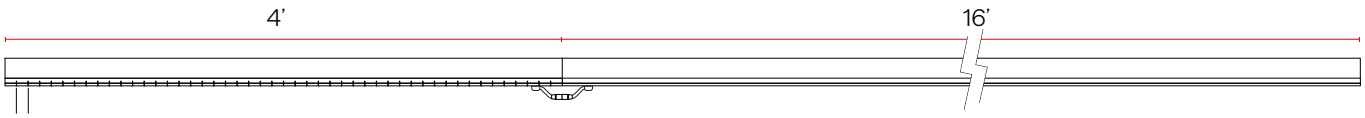
**NOTE:** Additional wire methods include:
S1: Connector/Wire Input only
P1: Connector/Wire Input and Output

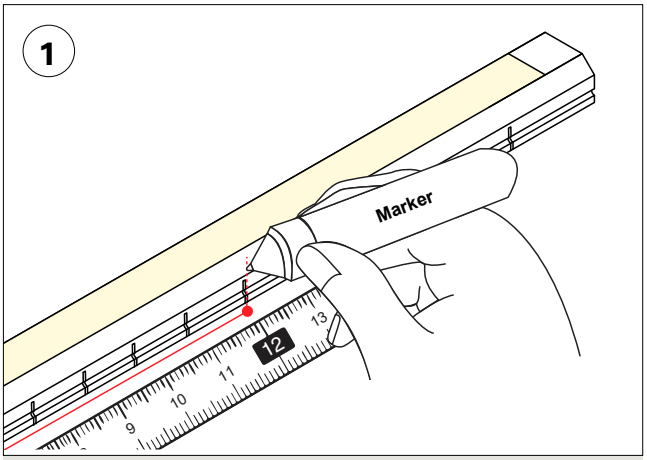


© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

## FIELD CUTTABLE

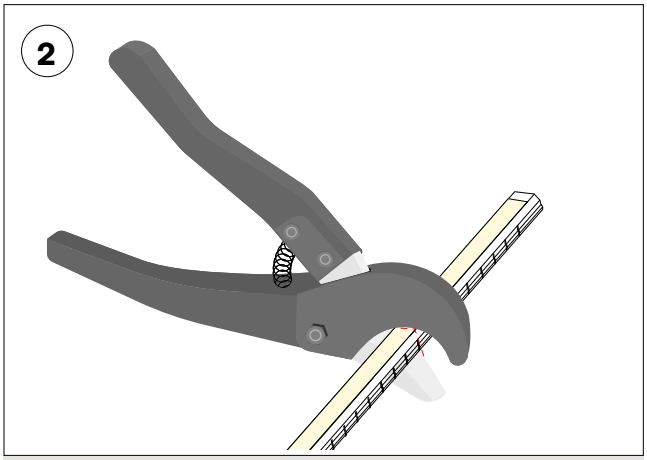
- Field cuttable fixtures are sold in 4' increments and go at the end of a run, allowing easy field adjustment
- Only FC fixtures are field cuttable - DO NOT CUT NON-FIELD CUTTABLE FIXTURES
- Do not attempt to cut while power is on




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).

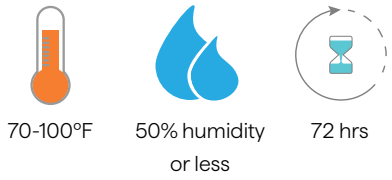


© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

## SURFACE MOUNTING METHOD

SURFACE PREPARATION

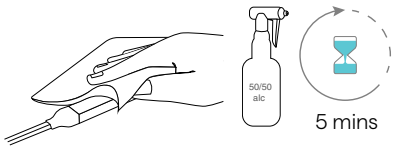
**1**




Temperature and environmental concerns:

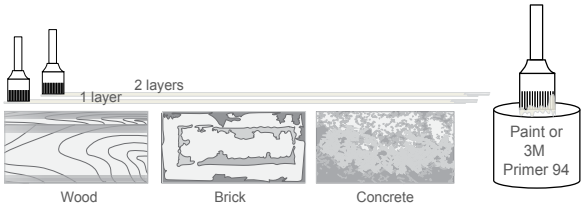
- Ideal application environment is 70-100°F in 50% humidity or less.
- Minimum application temperature: 50°F
- This temperature and humidity should be maintained for 72 hours after application for maximum holding force.

**2**




Using a 50/50 alcohol mix, thoroughly clean the backside of the fixture and the surface area where fixture will be installed. Allow 5 minutes to dry.

**3**




For porous materials (Wood, Brick, Concrete etc.) apply two layers of paint or primer to the surface. This will help create a better bonding surface for these materials. This can be purchased from local hardware store.

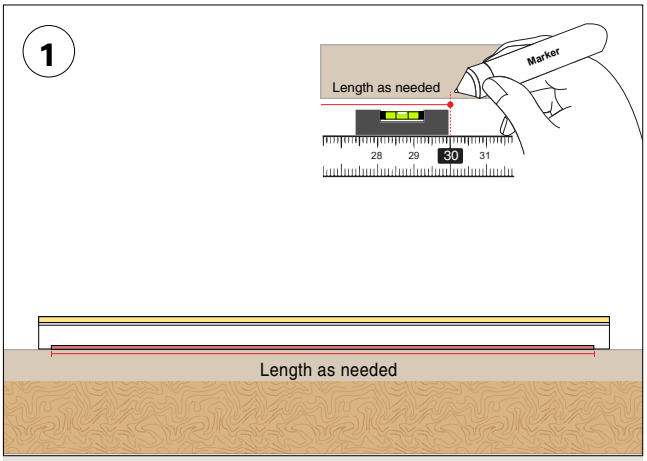
| MATERIALS | SUGGESTED EPOXIES |
|---|---|
| Concrete, Stone, Cinderblock, Metal, and Brick | Loctite Metal and Concrete Two-Part Epoxy |
| ABS, Fiberglass, Plastic, and PVC | Loctite Plastic Two-Part Epoxy |
| Tile, Wood, Ceramic, Glass, or Metal | Loctite Clear Two-Part Epoxy |
| All Purpose | Strong Stik |



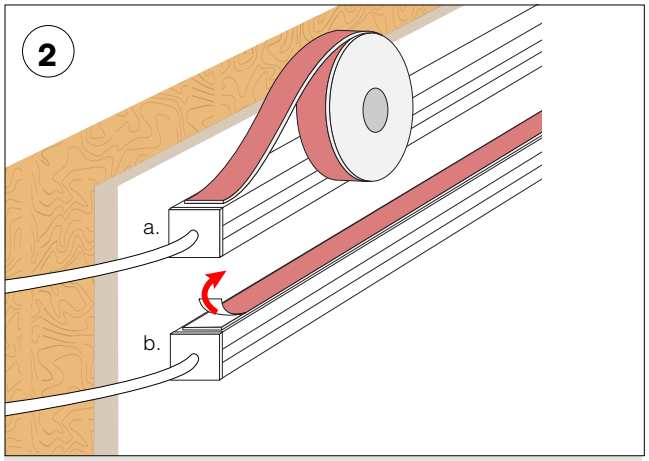

© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

## SURFACE MOUNTING METHOD: **VHB ADHESIVE MOUNT**

**BEFORE installation, the surface must be thoroughly cleaned and dried for maximum bond strength.** (Page 6)

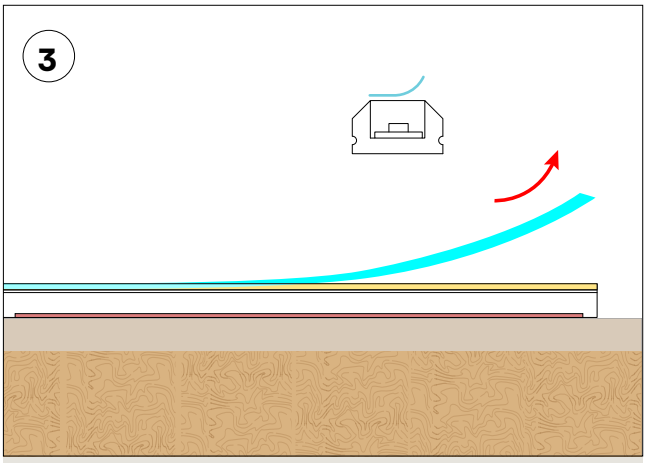



Determine the fixture(s) location and positioning on desired surface before adhering fixture to surface. Make any necessary reference markings to indicate extrusion placement.




a. To adhere the VHB adhesive, peel the white film back while evenly applying the tape to the mounting side of the extrusion. The red side should be visible.

b. Remove the red film and position extrusion in place according to your previous reference marking(s).




Remove protective film from the surface of the extrusion's lens.

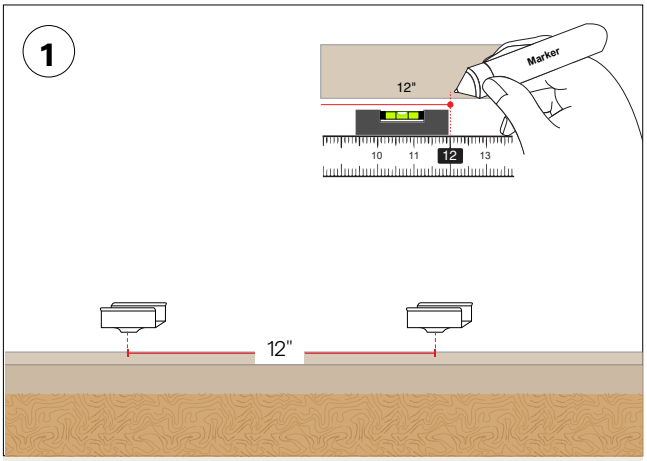
***NOTES:*** *EPOXY ALTERNATIVE: For improved bonding strength, apply a small amount of epoxy at each end. Refer to table on* page 6 *for suggested epoxies. These can be purchased at a local hardware store. Please follow all manufacturer instructions for suggested epoxy.*



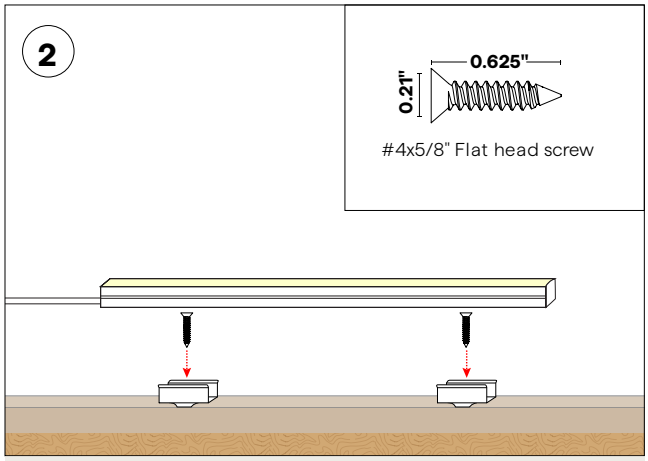
© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

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

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

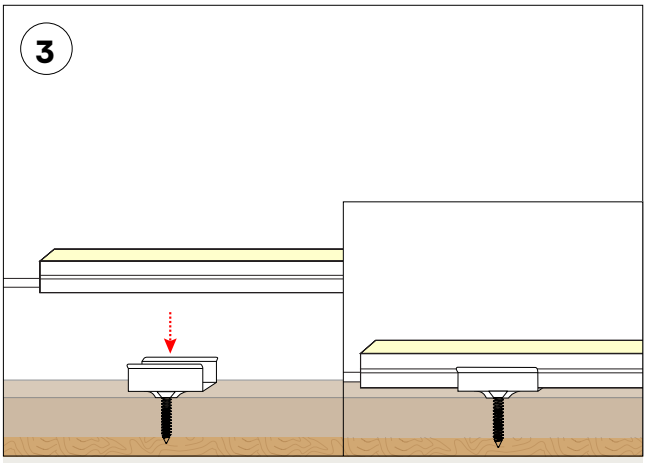



Determine the fixture(s) location and positioning on desired surface; evenly distribute clips. Make any necessary reference markings to indicate where each clip is to be secured in place. Recommended every 12".




- Secure clips using the #4 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.

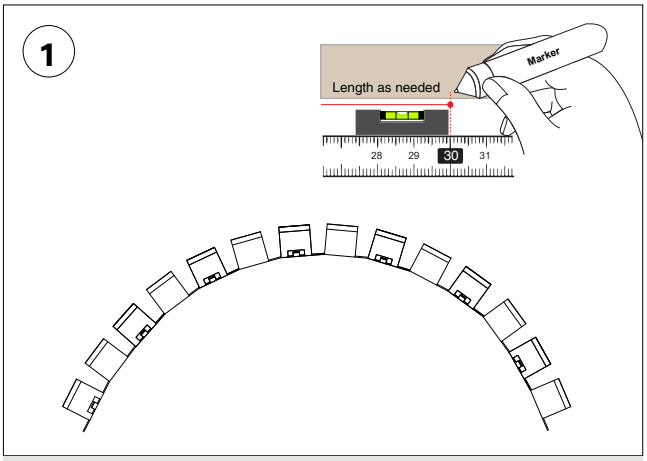



Snap fixture onto clips.



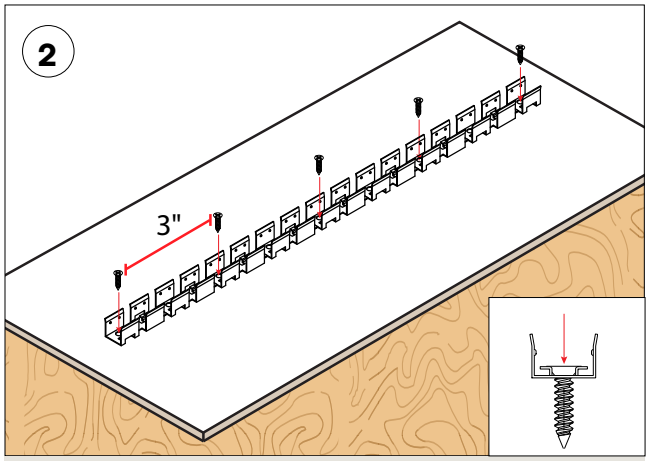

© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

SURFACE MOUNTING METHOD: **BN-UD**



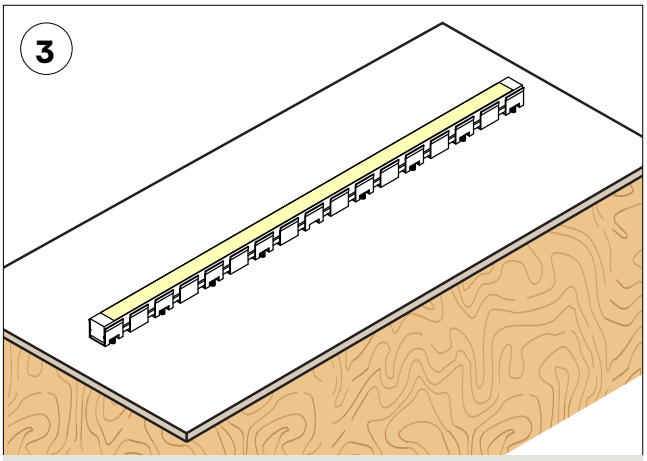

Determine the fixture(s) location and positioning on desired surface and arrange the BENDIT channel into the desired shape. Make any necessary reference markings to indicate where the channel is to be secured in place.

**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" | - |



© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

# Q-CAP NEXUS-SW

Flexible Fixtures Color Data

## 2400K 1.0W ENC/CL

2361 K

**CRI:** 93.5

**CRI R9:** 67.4

**TM30 Rf:** 89.5

**TM30 Rg:** 104.5

**CQS:** 85.7

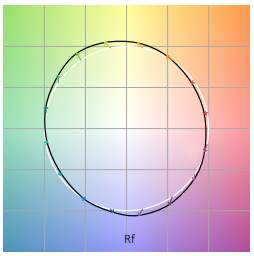
**X:** 0.486

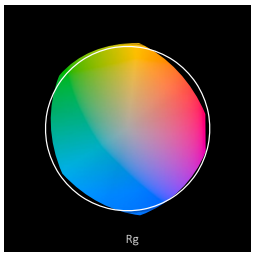
**Y:** 0.409

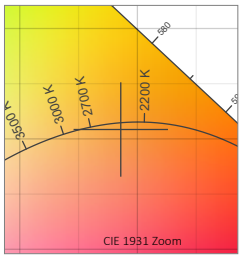
**U:** 0.280

**V:** 0.354

**Δuv:** -0.0021




| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 95.0 | 96.5 | 94.9 | 94.1 | 94.0 | 96.0 | 92.4 | 84.8 | 67.4 | 89.6 | 94.8 | 86.5 | 95.6 | 95.6 | 91.3 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 82.9 | 92.5 | 84.5 | 86.4 | 87.4 | 82.4 | 79.1 | 84.2 | 93.9 | 88.2 | 88.0 | 87.9 | 88.6 | 86.6 | 84.8 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 91.8 | 91.5 | 83.3 | 87.9 | 89.7 | 87.2 | 86.0 | 89.3 | 92.6 | 93.4 | 90.0 | 88.9 | 90.0 | 85.6 | 90.4 | 88.1 |

**TM30**

| Hue Bin | $R_f$ | Chroma | Hue |
|---|---|---|---|
| 1 | 92 | -4% | -1% |
| 2 | 91 | -3% | 3% |
| 3 | 83 | 1% | 8% |
| 4 | 88 | 5% | 7% |
| 5 | 90 | 8% | 5% |
| 6 | 87 | 10% | -1% |
| 7 | 86 | 5% | -7% |
| 8 | 89 | 1% | -7% |
| 9 | 93 | -2% | -4% |
| 10 | 93 | -3% | 1% |
| 11 | 90 | 0% | 6% |
| 12 | 89 | 3% | 4% |
| 13 | 90 | 7% | -6% |
| 14 | 86 | 6% | -8% |
| 15 | 90 | 3% | -6% |
| 16 | 88 | -1% | -9% |

## 2400K 2.0 ENC/CL

2354 K

**CRI:** 93.2

**CRI R9:** 66.4

**TM30 Rf:** 89.4

**TM30 Rg:** 104.4

**CQS:** 85.4

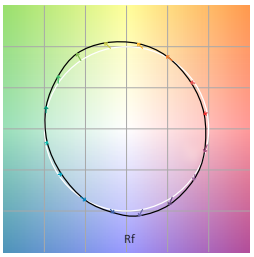
**X:** 0.487

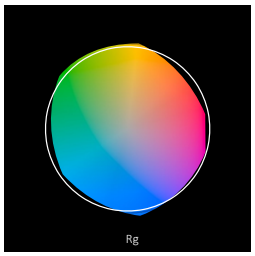
**Y:** 0.409

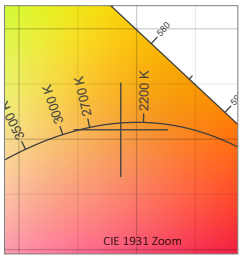
**U:** 0.281

**V:** 0.354

**Δuv:** -0.0021




| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 94.6 | 96.3 | 94.7 | 93.7 | 93.6 | 95.7 | 92.3 | 84.4 | 66.4 | 89.0 | 94.4 | 85.2 | 95.2 | 95.5 | 91.1 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 83.1 | 92.3 | 83.8 | 85.5 | 87.3 | 82.5 | 78.4 | 83.6 | 93.8 | 87.9 | 87.6 | 87.5 | 88.2 | 86.3 | 84.6 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 91.7 | 91.2 | 82.7 | 88.1 | 89.8 | 87.4 | 86.3 | 89.4 | 93.1 | 92.8 | 89.4 | 88.6 | 89.9 | 85.5 | 90.6 | 88.0 |

**TM30**

| Hue Bin | $R_f$ | Chroma | Hue |
|---|---|---|---|
| 1 | 92 | -4% | -1% |
| 2 | 91 | -3% | 4% |
| 3 | 83 | 1% | 9% |
| 4 | 88 | 5% | 7% |
| 5 | 90 | 8% | 5% |
| 6 | 87 | 10% | -1% |
| 7 | 86 | 5% | -7% |
| 8 | 89 | 1% | -7% |
| 9 | 93 | -2% | -3% |
| 10 | 93 | -4% | 2% |
| 11 | 89 | 0% | 7% |
| 12 | 89 | 3% | 5% |
| 13 | 90 | 7% | -6% |
| 14 | 86 | 6% | -8% |
| 15 | 91 | 2% | -6% |
| 16 | 88 | -2% | -9% |

## 2400K 4.0W ENC/CL

2325 K

**CRI:** 93.1

**CRI R9:** 65.0

**TM30 Rf:** 89.7

**TM30 Rg:** 104.0

**CQS:** 85.3

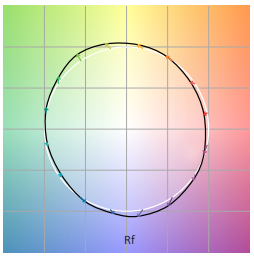
**X:** 0.489

**Y:** 0.409

**U:** 0.283

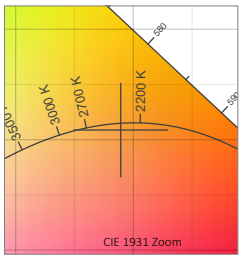
**V:** 0.354

**Δuv:** -0.0021










| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 94.4 | 96.6 | 95.8 | 93.5 | 93.5 | 96.1 | 91.8 | 83.4 | 65.0 | 89.9 | 94.3 | 85.2 | 95.1 | 96.2 | 90.6 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 83.4 | 91.6 | 83.7 | 84.8 | 87.5 | 83.6 | 79.1 | 83.3 | 93.2 | 87.9 | 87.3 | 86.9 | 87.4 | 85.6 | 84.4 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 91.6 | 91.3 | 83.3 | 89.2 | 91.2 | 88.6 | 88.0 | 91.0 | 94.6 | 92.3 | 89.2 | 88.3 | 89.5 | 84.5 | 91.0 | 86.7 |

**TM30**

| Hue Bin | $R_f$ | Chroma | Hue |
|---|---|---|---|
| 1 | 92 | -4% | -1% |
| 2 | 91 | -4% | 4% |
| 3 | 83 | 1% | 8% |
| 4 | 89 | 3% | 6% |
| 5 | 91 | 7% | 5% |
| 6 | 89 | 9% | -1% |
| 7 | 88 | 4% | -7% |
| 8 | 91 | 1% | -6% |
| 9 | 95 | -2% | -2% |
| 10 | 92 | -3% | 3% |
| 11 | 89 | 1% | 7% |
| 12 | 88 | 4% | 5% |
| 13 | 89 | 7% | -7% |
| 14 | 84 | 6% | -9% |
| 15 | 91 | 2% | -6% |
| 16 | 87 | -2% | -10% |

**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

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

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

# Q-CAP NEXUS-SW

Flexible Fixtures Color Data

## 2700K 1.0 ENC/CL

2797 K

**CRI:** 96.4

**CRI R9:** 91.4

**TM30 Rf:** 94.2

**TM30 Rg:** 102.0

**CQS:** 93.4

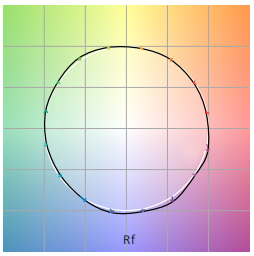
**X:** 0.454

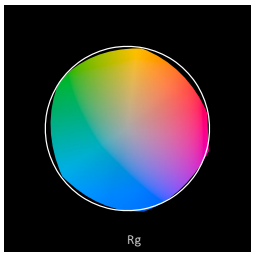
**Y:** 0.411

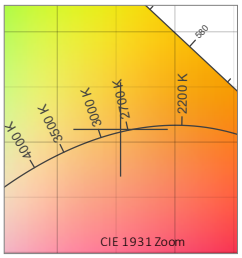
**U:** 0.258

**V:** 0.351

**Δuv:** 0.0009




| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 98.3 | 96.4 | 92.1 | 97.4 | 96.8 | 94.6 | 97.8 | 97.6 | 91.4 | 89.8 | 96.5 | 80.0 | 97.7 | 94.5 | 97.4 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 95.7 | 97.2 | 88.5 | 90.7 | 93.7 | 91.8 | 90.6 | 95.1 | 95.0 | 94.0 | 95.0 | 96.0 | 96.7 | 95.7 | 95.6 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 96.6 | 97.5 | 94.0 | 94.3 | 94.6 | 94.6 | 95.3 | 96.9 | 96.7 | 92.4 | 89.3 | 90.8 | 95.6 | 92.9 | 95.6 | 90.0 |

**TM30**

| Hue Bin | $R_f$ | Chroma | Hue |
|---|---|---|---|
| 1 | 97 | -1% | -1% |
| 2 | 97 | -1% | 0% |
| 3 | 94 | 0% | 3% |
| 4 | 94 | -1% | 2% |
| 5 | 95 | 1% | 3% |
| 6 | 95 | 3% | 1% |
| 7 | 95 | 1% | -1% |
| 8 | 97 | 0% | -2% |
| 9 | 97 | -1% | 0% |
| 10 | 92 | -2% | 4% |
| 11 | 89 | 1% | 8% |
| 12 | 91 | 4% | 4% |
| 13 | 96 | 3% | 0% |
| 14 | 93 | 5% | -2% |
| 15 | 96 | 1% | -2% |
| 16 | 90 | 3% | -8% |

## 2700K 2.0W ENC/CL

2806 K

**CRI:** 96.8

**CRI R9:** 92.9

**TM30 Rf:** 94.5

**TM30 Rg:** 102.5

**CQS:** 93.4

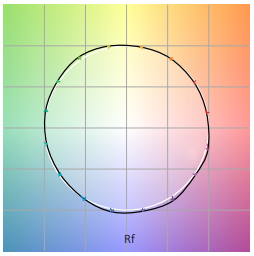
**X:** 0.451

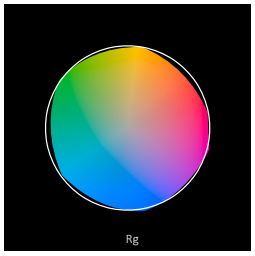
**Y:** 0.408

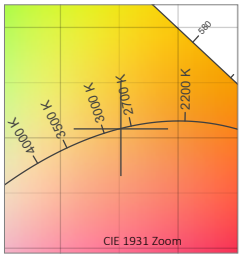
**U:** 0.258

**V:** 0.350

**Δuv:** -0.0002




| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 98.9 | 97.1 | 92.7 | 97.1 | 97.6 | 95.5 | 97.7 | 97.9 | 92.9 | 91.2 | 96.3 | 83.1 | 98.4 | 94.8 | 98.3 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 95.6 | 97.3 | 88.8 | 91.1 | 94.0 | 91.7 | 90.0 | 94.5 | 95.3 | 93.8 | 95.0 | 96.4 | 97.4 | 96.2 | 95.8 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 97.0 | 97.7 | 93.7 | 94.5 | 94.6 | 93.9 | 95.9 | 95.9 | 97.1 | 93.6 | 90.4 | 91.3 | 95.5 | 93.4 | 95.6 | 91.2 |

**TM30**

| Hue Bin | $R_f$ | Chroma | Hue |
|---|---|---|---|
| 1 | 97 | -1% | -1% |
| 2 | 98 | -1% | 1% |
| 3 | 94 | 0% | 3% |
| 4 | 94 | 0% | 2% |
| 5 | 95 | 2% | 3% |
| 6 | 94 | 4% | 1% |
| 7 | 96 | 2% | -2% |
| 8 | 96 | 1% | -3% |
| 9 | 97 | -1% | 0% |
| 10 | 94 | -2% | 4% |
| 11 | 90 | 0% | 7% |
| 12 | 91 | 4% | 4% |
| 13 | 96 | 3% | 0% |
| 14 | 93 | 5% | -2% |
| 15 | 96 | 1% | -2% |
| 16 | 91 | 2% | -7% |

## 2700K 4.0W ENC/CL

2777 K

**CRI:** 96.8

**CRI R9:** 91.1

**TM30 Rf:** 94.3

**TM30 Rg:** 102.3

**CQS:** 93.3

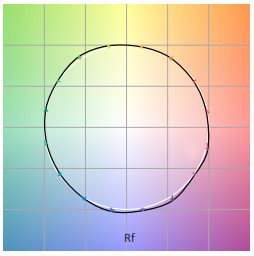
**X:** 0.453

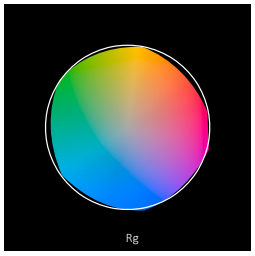
**Y:** 0.408

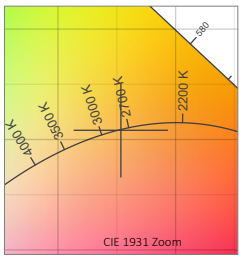
**U:** 0.259

**V:** 0.350

**Δuv:** -0.0003




| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 98.6 | 97.2 | 93.4 | 97.3 | 97.5 | 95.8 | 97.9 | 97.0 | 91.1 | 91.7 | 96.5 | 83.1 | 98.2 | 95.2 | 97.7 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 95.3 | 97.2 | 88.8 | 90.8 | 94.0 | 92.0 | 90.0 | 94.2 | 95.6 | 93.8 | 94.9 | 96.1 | 97.0 | 95.7 | 95.3 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 96.7 | 97.4 | 93.6 | 94.4 | 94.6 | 94.3 | 95.5 | 96.5 | 97.2 | 93.4 | 90.1 | 91.2 | 95.4 | 92.9 | 95.7 | 90.5 |

**TM30**

| Hue Bin | $R_f$ | Chroma | Hue |
|---|---|---|---|
| 1 | 97 | -1% | -1% |
| 2 | 97 | -1% | 1% |
| 3 | 94 | 0% | 3% |
| 4 | 94 | 0% | 2% |
| 5 | 95 | 2% | 3% |
| 6 | 94 | 4% | 0% |
| 7 | 96 | 1% | -1% |
| 8 | 96 | 1% | -2% |
| 9 | 97 | -1% | 0% |
| 10 | 93 | -1% | 4% |
| 11 | 90 | 1% | 7% |
| 12 | 91 | 4% | 3% |
| 13 | 95 | 3% | 0% |
| 14 | 93 | 5% | -3% |
| 15 | 96 | 1% | -2% |
| 16 | 90 | 2% | -7% |

**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

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

# Q-CAP NEXUS-SW

Flexible Fixtures Color Data

## 3000K 1.0W ENC/CL

3106 K

**CRI:** 95.6

**CRI R9:** 90.3

**TM30 Rf:** 93.3

**TM30 Rg:** 101.8

**CQS:** 93.1

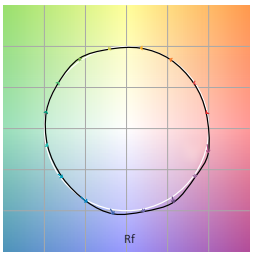
**X:** 0.431

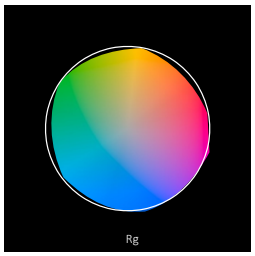
**Y:** 0.405

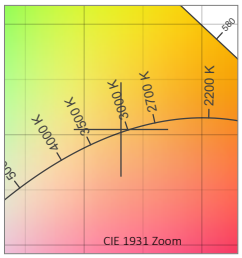
**U:** 0.247

**V:** 0.347

**Δuv:** 0.0011




| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 97.2 | 95.6 | 91.7 | 96.9 | 95.5 | 92.9 | 97.6 | 97.3 | 90.3 | 87.8 | 96.0 | 75.4 | 96.6 | 94.5 | 96.7 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 96.3 | 97.8 | 86.9 | 88.7 | 92.9 | 92.4 | 91.1 | 95.4 | 95.1 | 93.7 | 94.7 | 96.0 | 96.9 | 95.9 | 96.1 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 96.1 | 96.9 | 93.2 | 94.5 | 92.8 | 95.1 | 94.6 | 97.5 | 95.5 | 89.3 | 86.6 | 90.2 | 95.4 | 92.2 | 93.2 | 88.9 |

| TM30 | | | |
|---|---|---|---|
| Hue Bin | $R_f$ | Chroma | Hue |
| 1 | 96 | -1% | -1% |
| 2 | 97 | -1% | 0% |
| 3 | 93 | -1% | 3% |
| 4 | 95 | -1% | 2% |
| 5 | 93 | -1% | 3% |
| 6 | 95 | 3% | 1% |
| 7 | 95 | 0% | -1% |
| 8 | 97 | 0% | -2% |
| 9 | 95 | -2% | 2% |
| 10 | 89 | -2% | 6% |
| 11 | 87 | 1% | 9% |
| 12 | 90 | 5% | 5% |
| 13 | 95 | 3% | 1% |
| 14 | 92 | 6% | -2% |
| 15 | 93 | 2% | -3% |
| 16 | 89 | 3% | -9% |

## 3000K 2.0W ENC/CL

3111 K

**CRI:** 95.6

**CRI R9:** 91.1

**TM30 Rf:** 93.1

**TM30 Rg:** 102.5

**CQS:** 92.6

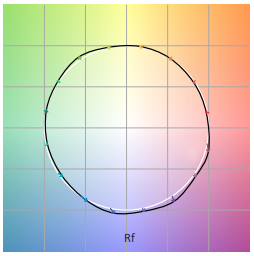
**X:** 0.429

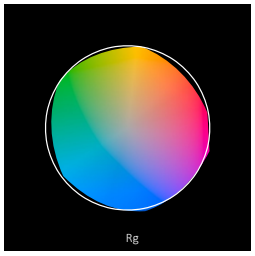
**Y:** 0.401

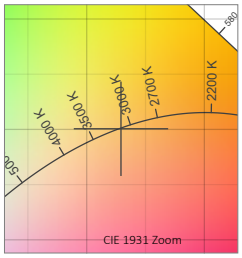
**U:** 0.247

**V:** 0.346

**Δuv:** -0.0003




| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 97.4 | 95.8 | 91.8 | 96.3 | 95.8 | 93.1 | 97.1 | 97.2 | 91.1 | 88.3 | 95.5 | 77.4 | 96.8 | 94.5 | 97.3 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 96.3 | 97.6 | 86.3 | 88.3 | 92.6 | 91.6 | 89.8 | 94.5 | 95.1 | 92.9 | 93.8 | 95.5 | 96.8 | 96.1 | 95.9 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 96.2 | 96.7 | 92.1 | 93.7 | 93.0 | 93.8 | 95.2 | 96.2 | 95.9 | 90.1 | 86.8 | 90.1 | 94.9 | 92.1 | 93.3 | 89.5 |

| TM30 | | | |
|---|---|---|---|
| Hue Bin | $R_f$ | Chroma | Hue |
| 1 | 96 | -1% | -1% |
| 2 | 97 | -1% | 1% |
| 3 | 92 | 0% | 4% |
| 4 | 94 | 0% | 3% |
| 5 | 93 | 0% | 3% |
| 6 | 94 | 4% | 0% |
| 7 | 95 | 1% | -2% |
| 8 | 96 | 0% | -2% |
| 9 | 96 | -2% | 1% |
| 10 | 90 | -2% | 5% |
| 11 | 87 | 0% | 9% |
| 12 | 90 | 5% | 5% |
| 13 | 95 | 4% | 1% |
| 14 | 92 | 6% | -2% |
| 15 | 93 | 3% | -3% |
| 16 | 89 | 3% | -8% |

## 3000K 4.0W ENC/CL

3078 K

**CRI:** 96.3

**CRI R9:** 90.9

**TM30 Rf:** 93.4

**TM30 Rg:** 102.1

**CQS:** 93.0

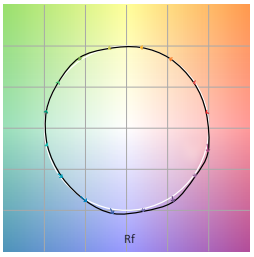
**X:** 0.431

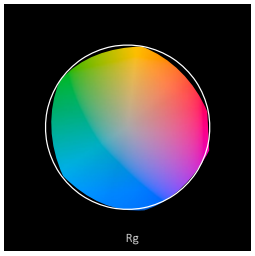
**Y:** 0.400

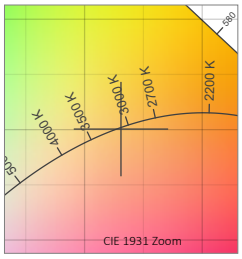
**U:** 0.248

**V:** 0.346

**Δuv:** -0.0006




| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 97.9 | 96.7 | 93.0 | 96.9 | 96.4 | 94.3 | 97.8 | 97.0 | 90.9 | 90.2 | 96.1 | 78.3 | 97.5 | 95.2 | 97.6 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 96.2 | 97.8 | 87.0 | 88.5 | 93.0 | 92.8 | 90.5 | 94.5 | 95.5 | 93.5 | 94.2 | 95.6 | 96.8 | 96.1 | 96.0 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 96.3 | 96.8 | 92.9 | 94.5 | 93.0 | 94.9 | 94.6 | 97.3 | 95.7 | 89.6 | 87.2 | 90.7 | 95.4 | 92.4 | 93.5 | 89.5 |

| TM30 | | | |
|---|---|---|---|
| Hue Bin | $R_f$ | Chroma | Hue |
| 1 | 96 | -1% | 0% |
| 2 | 97 | -1% | 1% |
| 3 | 93 | 0% | 3% |
| 4 | 95 | 0% | 3% |
| 5 | 93 | -1% | 3% |
| 6 | 95 | 3% | 0% |
| 7 | 95 | 0% | -1% |
| 8 | 97 | 0% | -2% |
| 9 | 96 | -1% | 2% |
| 10 | 90 | -2% | 6% |
| 11 | 87 | 1% | 9% |
| 12 | 91 | 5% | 4% |
| 13 | 95 | 3% | 0% |
| 14 | 92 | 6% | -2% |
| 15 | 94 | 2% | -3% |
| 16 | 89 | 3% | -8% |

**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

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

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

# Q-CAP NEXUS-SW

Flexible Fixtures Color Data

## 3500K 1.0W ENC/CL

3480 K

**CRI:** 97.3

**CRI R9:** 93.7

**TM30 Rf:** 93.2

**TM30 Rg:** 100.4

**CQS:** 96.2

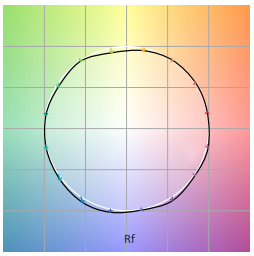
**X:** 0.404

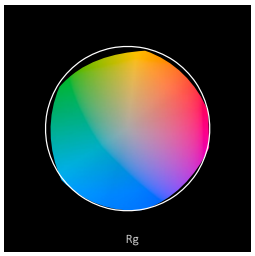
**Y:** 0.386

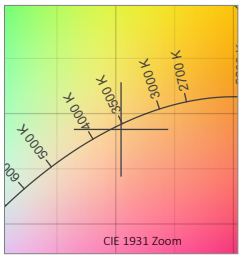
**U:** 0.237

**V:** 0.339

**Δuv:** -0.0021




| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 96.4 | 98.0 | 97.5 | 98.3 | 97.0 | 96.1 | 98.0 | 96.8 | 93.7 | 98.1 | 96.7 | 79.9 | 96.6 | 97.6 | 95.4 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 93.5 | 98.5 | 92.7 | 92.4 | 95.1 | 98.0 | 98.1 | 99.2 | 98.4 | 99.2 | 99.5 | 99.4 | 99.4 | 97.4 | 95.9 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 95.0 | 96.9 | 96.3 | 93.6 | 92.3 | 97.0 | 92.9 | 95.2 | 91.9 | 89.0 | 89.4 | 92.8 | 95.7 | 93.4 | 91.7 | 91.3 |

| TM30 | | | |
|---|---|---|---|
| Hue Bin | $R_f$ | Chroma | Hue |
| 1 | 95 | 0% | 1% |
| 2 | 97 | 1% | -1% |
| 3 | 96 | 0% | -1% |
| 4 | 94 | -3% | -2% |
| 5 | 92 | -6% | -1% |
| 6 | 97 | -1% | 1% |
| 7 | 93 | -3% | 4% |
| 8 | 95 | -1% | 3% |
| 9 | 92 | 1% | 6% |
| 10 | 89 | 2% | 8% |
| 11 | 89 | 4% | 6% |
| 12 | 93 | 4% | 1% |
| 13 | 96 | 1% | -3% |
| 14 | 93 | 4% | -3% |
| 15 | 92 | 1% | -1% |
| 16 | 91 | 2% | -4% |

## 3500K 2.0W ENC/CL

3480 K

**CRI:** 97.1

**CRI R9:** 93.1

**TM30 Rf:** 93.6

**TM30 Rg:** 100.6

**CQS:** 96.3

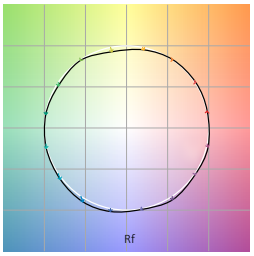
**X:** 0.404

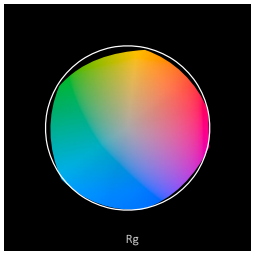
**Y:** 0.385

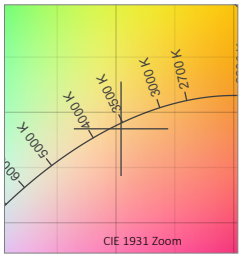
**U:** 0.237

**V:** 0.339

**Δuv:** -0.0023




| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 96.1 | 97.9 | 97.3 | 98.1 | 96.8 | 96.0 | 98.2 | 96.7 | 93.1 | 97.9 | 96.3 | 80.6 | 96.3 | 97.5 | 95.1 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 93.8 | 98.5 | 92.8 | 92.7 | 95.4 | 98.2 | 97.9 | 99.2 | 98.2 | 99.1 | 99.5 | 99.4 | 99.3 | 97.3 | 96.0 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 95.2 | 96.9 | 96.4 | 93.9 | 92.6 | 97.0 | 93.4 | 95.6 | 92.4 | 89.5 | 89.8 | 93.1 | 95.9 | 93.8 | 92.1 | 91.7 |

| TM30 | | | |
|---|---|---|---|
| Hue Bin | $R_f$ | Chroma | Hue |
| 1 | 95 | 0% | 1% |
| 2 | 97 | 1% | -1% |
| 3 | 96 | 0% | -1% |
| 4 | 94 | -3% | -2% |
| 5 | 93 | -6% | 0% |
| 6 | 97 | 0% | 1% |
| 7 | 93 | -3% | 4% |
| 8 | 96 | 0% | 3% |
| 9 | 92 | 1% | 5% |
| 10 | 89 | 2% | 7% |
| 11 | 90 | 4% | 6% |
| 12 | 93 | 4% | 0% |
| 13 | 96 | 1% | -2% |
| 14 | 94 | 4% | -2% |
| 15 | 92 | 1% | -1% |
| 16 | 92 | 2% | -3% |

## 3500K 4.0W ENC/CL

3443 K

**CRI:** 96.6

**CRI R9:** 92.2

**TM30 Rf:** 92.7

**TM30 Rg:** 100.3

**CQS:** 95.8

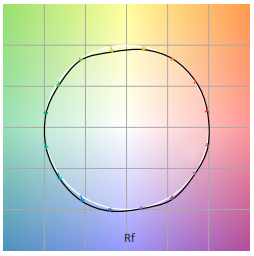
**X:** 0.406

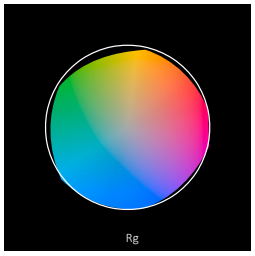
**Y:** 0.384

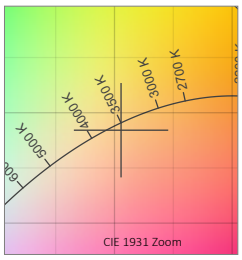
**U:** 0.239

**V:** 0.339

**Δuv:** -0.0030




| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 95.4 | 96.9 | 98.3 | 97.8 | 96.0 | 94.9 | 97.3 | 96.4 | 92.2 | 95.8 | 96.3 | 79.6 | 95.4 | 98.0 | 94.4 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 92.5 | 97.9 | 92.8 | 92.2 | 94.4 | 97.1 | 98.1 | 98.9 | 98.3 | 99.3 | 99.4 | 99.2 | 99.3 | 96.6 | 95.0 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 94.5 | 96.3 | 95.8 | 92.8 | 91.7 | 96.8 | 91.9 | 94.5 | 91.0 | 88.4 | 89.3 | 92.5 | 95.1 | 93.1 | 91.3 | 91.0 |

| TM30 | | | |
|---|---|---|---|
| Hue Bin | $R_f$ | Chroma | Hue |
| 1 | 95 | 0% | 1% |
| 2 | 96 | 1% | -1% |
| 3 | 96 | 0% | -1% |
| 4 | 93 | -3% | -3% |
| 5 | 92 | -7% | -1% |
| 6 | 97 | -1% | 1% |
| 7 | 92 | -3% | 4% |
| 8 | 95 | -1% | 4% |
| 9 | 91 | 1% | 6% |
| 10 | 88 | 2% | 8% |
| 11 | 89 | 5% | 6% |
| 12 | 93 | 4% | 0% |
| 13 | 95 | 1% | -3% |
| 14 | 93 | 4% | -3% |
| 15 | 91 | 1% | -1% |
| 16 | 91 | 2% | -3% |

**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

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

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

# Q-CAP NEXUS-SW

Flexible Fixtures Color Data

## 4000K 1.0W ENC/CL

3986 K

**CRI:** 97.9

**CRI R9:** 97.1

**TM30 Rf:** 92.7

**TM30 Rg:** 100.2

**CQS:** 95.3

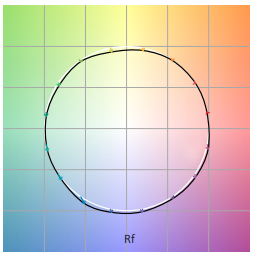
**X:** 0.380

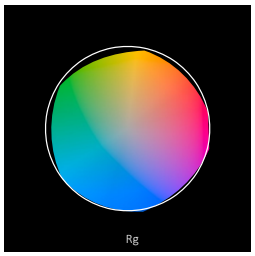
**Y:** 0.374

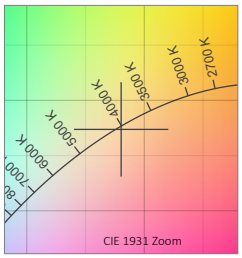
**U:** 0.226

**V:** 0.333

**Δuv:** -0.0014




| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 98.0 | 99.6 | 96.1 | 99.4 | 97.7 | 96.1 | 98.6 | 97.9 | 97.1 | 97.9 | 97.7 | 74.9 | 98.4 | 97.1 | 96.2 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 93.8 | 98.9 | 89.8 | 89.5 | 93.8 | 97.1 | 97.3 | 98.8 | 97.7 | 98.0 | 98.2 | 99.6 | 99.9 | 98.1 | 96.6 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 95.0 | 97.1 | 96.3 | 93.4 | 91.9 | 96.3 | 94.7 | 93.3 | 89.9 | 88.6 | 87.1 | 92.4 | 94.4 | 94.6 | 90.1 | 90.1 |

**TM30**

| Hue Bin | $R_f$ | Chroma | Hue |
|---|---|---|---|
| 1 | 95 | 0% | 1% |
| 2 | 97 | 0% | 0% |
| 3 | 96 | 0% | 0% |
| 4 | 93 | -3% | -1% |
| 5 | 92 | -5% | 0% |
| 6 | 96 | -1% | 1% |
| 7 | 95 | -3% | 2% |
| 8 | 93 | -1% | 4% |
| 9 | 90 | 0% | 8% |
| 10 | 89 | 0% | 7% |
| 11 | 87 | 4% | 8% |
| 12 | 92 | 4% | 2% |
| 13 | 94 | 3% | -2% |
| 14 | 95 | 2% | 0% |
| 15 | 90 | 3% | -3% |
| 16 | 90 | 2% | -5% |

## 4000K 2.0W ENC/CL

3969 K

**CRI:** 97.8

**CRI R9:** 96.8

**TM30 Rf:** 92.7

**TM30 Rg:** 100.3

**CQS:** 95.1

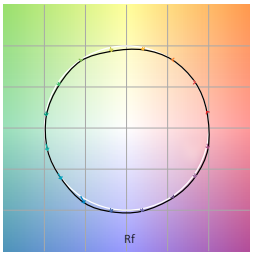
**X:** 0.381

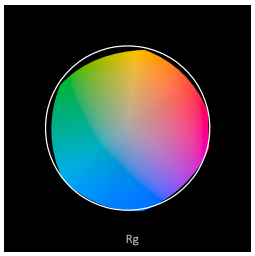
**Y:** 0.372

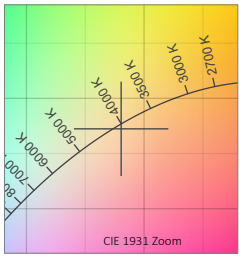
**U:** 0.227

**V:** 0.333

**Δuv:** -0.0021




| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 97.8 | 99.2 | 96.2 | 99.2 | 97.6 | 96.0 | 98.4 | 97.9 | 96.8 | 98.3 | 97.9 | 75.5 | 98.2 | 97.1 | 96.1 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 94.0 | 98.9 | 89.6 | 89.1 | 93.4 | 96.8 | 97.1 | 98.6 | 97.6 | 97.6 | 97.7 | 99.0 | 99.6 | 97.9 | 96.6 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 94.9 | 96.9 | 96.3 | 93.4 | 91.9 | 96.3 | 94.7 | 93.3 | 89.9 | 88.3 | 87.2 | 92.5 | 94.4 | 94.7 | 90.3 | 90.4 |

**TM30**

| Hue Bin | $R_f$ | Chroma | Hue |
|---|---|---|---|
| 1 | 95 | 0% | 1% |
| 2 | 97 | 0% | 0% |
| 3 | 96 | 0% | 0% |
| 4 | 93 | -3% | -1% |
| 5 | 92 | -5% | 0% |
| 6 | 96 | -1% | 1% |
| 7 | 95 | -3% | 2% |
| 8 | 93 | -1% | 4% |
| 9 | 90 | 0% | 8% |
| 10 | 88 | 0% | 7% |
| 11 | 87 | 4% | 8% |
| 12 | 93 | 4% | 2% |
| 13 | 94 | 3% | -2% |
| 14 | 95 | 2% | 0% |
| 15 | 90 | 2% | -3% |
| 16 | 90 | 2% | -5% |

## 4000K 4.0W ENC/CL

3937 K

**CRI:** 96.5

**CRI R9:** 92.9

**TM30 Rf:** 91.5

**TM30 Rg:** 99.6

**CQS:** 94.9

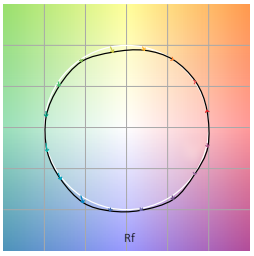
**X:** 0.381

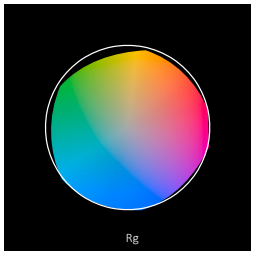
**Y:** 0.370

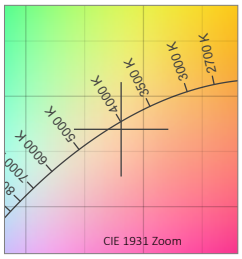
**U:** 0.228

**V:** 0.332

**Δuv:** -0.0033




| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 95.8 | 96.9 | 98.6 | 97.5 | 95.9 | 94.8 | 96.2 | 96.1 | 92.9 | 96.1 | 98.3 | 75.1 | 95.8 | 98.4 | 94.0 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 91.5 | 97.9 | 91.3 | 89.6 | 92.2 | 95.3 | 98.6 | 98.8 | 98.5 | 99.3 | 98.8 | 99.5 | 99.4 | 96.8 | 94.9 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 93.6 | 95.7 | 95.9 | 91.9 | 90.3 | 95.3 | 92.2 | 90.5 | 87.3 | 87.3 | 87.6 | 92.6 | 93.0 | 95.0 | 90.3 | 89.6 |

**TM30**

| Hue Bin | $R_f$ | Chroma | Hue |
|---|---|---|---|
| 1 | 94 | 0% | 1% |
| 2 | 96 | 1% | 0% |
| 3 | 96 | 0% | -1% |
| 4 | 92 | -4% | -3% |
| 5 | 90 | -7% | -2% |
| 6 | 95 | -3% | 1% |
| 7 | 92 | -4% | 4% |
| 8 | 91 | -1% | 6% |
| 9 | 87 | 0% | 10% |
| 10 | 87 | 2% | 8% |
| 11 | 88 | 5% | 7% |
| 12 | 93 | 3% | 0% |
| 13 | 93 | 2% | -3% |
| 14 | 95 | 4% | -1% |
| 15 | 90 | 1% | -2% |
| 16 | 90 | 2% | -4% |

**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

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

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

# Q-CAP NEXUS-SW

Flexible Fixtures Color Data

## 2400K 1.0W ENC/TL

2462 K

**CRI:** 93.4

**CRI R9:** 68.5

**TM30 Rf:** 90.9

**TM30 Rg:** 102.9

**CQS:** 88.0

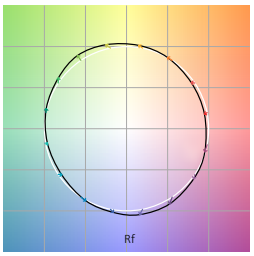
**X:** 0.479

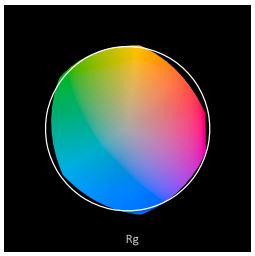
**Y:** 0.411

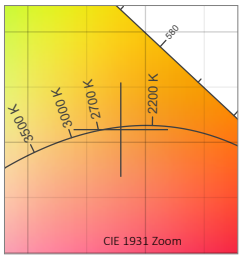
**U:** 0.275

**V:** 0.354

**Δuv:** -0.0009




| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 94.6 | 95.8 | 94.3 | 94.3 | 93.5 | 94.9 | 93.6 | 86.0 | 68.5 | 88.1 | 94.8 | 82.6 | 95.0 | 95.4 | 91.2 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 86.5 | 93.9 | 85.4 | 86.9 | 89.0 | 85.8 | 83.1 | 87.6 | 94.8 | 89.9 | 90.2 | 90.6 | 91.3 | 87.7 | 86.8 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 92.7 | 92.2 | 87.1 | 90.6 | 92.2 | 90.3 | 90.0 | 92.5 | 94.8 | 92.4 | 89.6 | 88.7 | 91.4 | 86.9 | 92.2 | 88.1 |

| TM30 | | | |
|---|---|---|---|
| Hue Bin | $R_f$ | Chroma | Hue |
| 1 | 93 | -4% | -1% |
| 2 | 92 | -3% | 3% |
| 3 | 87 | 0% | 7% |
| 4 | 91 | 2% | 5% |
| 5 | 92 | 5% | 5% |
| 6 | 90 | 7% | 0% |
| 7 | 90 | 3% | -5% |
| 8 | 92 | 1% | -5% |
| 9 | 95 | -2% | -2% |
| 10 | 92 | -3% | 3% |
| 11 | 90 | 0% | 7% |
| 12 | 89 | 3% | 4% |
| 13 | 91 | 6% | -5% |
| 14 | 87 | 5% | -7% |
| 15 | 92 | 2% | -5% |
| 16 | 88 | -1% | -9% |

## 2400K 2.0W ENC/TL

2461 K

**CRI:** 94.1

**CRI R9:** 70.8

**TM30 Rf:** 91.6

**TM30 Rg:** 102.9

**CQS:** 88.7

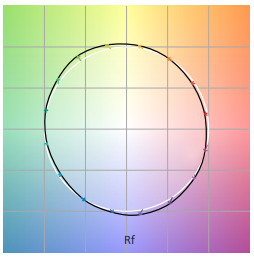
**X:** 0.479

**Y:** 0.411

**U:** 0.275

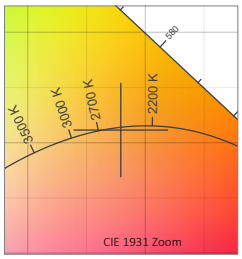
**V:** 0.354

**Δuv:** -0.0009










| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 95.6 | 96.5 | 94.1 | 95.3 | 94.6 | 95.9 | 94.1 | 87.1 | 70.8 | 89.3 | 95.8 | 85.3 | 96.0 | 95.3 | 92.2 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 86.7 | 93.9 | 86.6 | 88.3 | 89.7 | 86.3 | 84.0 | 88.4 | 94.9 | 90.4 | 90.9 | 91.5 | 92.1 | 88.4 | 87.3 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 93.3 | 92.9 | 88.3 | 91.1 | 92.3 | 90.5 | 90.2 | 92.5 | 94.9 | 93.7 | 91.3 | 89.7 | 91.7 | 87.8 | 92.7 | 89.3 |

| TM30 | | | |
|---|---|---|---|
| Hue Bin | $R_f$ | Chroma | Hue |
| 1 | 93 | -3% | -1% |
| 2 | 93 | -3% | 3% |
| 3 | 88 | 0% | 6% |
| 4 | 91 | 3% | 5% |
| 5 | 92 | 5% | 5% |
| 6 | 90 | 7% | 0% |
| 7 | 90 | 4% | -5% |
| 8 | 93 | 1% | -5% |
| 9 | 95 | -2% | -2% |
| 10 | 94 | -3% | 2% |
| 11 | 91 | 0% | 6% |
| 12 | 90 | 3% | 4% |
| 13 | 92 | 5% | -5% |
| 14 | 88 | 5% | -7% |
| 15 | 93 | 2% | -5% |
| 16 | 89 | -1% | -8% |

## 2400K 4.0W ENC/TL

2431 K

**CRI:** 93.4

**CRI R9:** 67.0

**TM30 Rf:** 91.0

**TM30 Rg:** 102.4

**CQS:** 87.8

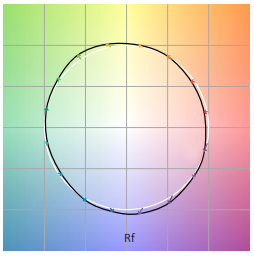
**X:** 0.481

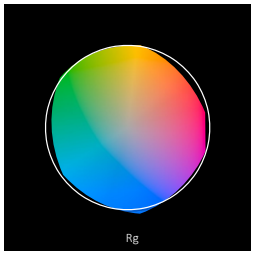
**Y:** 0.411

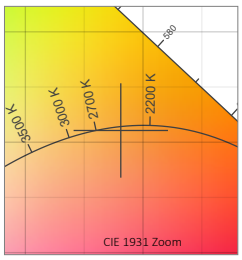
**U:** 0.276

**V:** 0.354

**Δuv:** -0.0012




| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 94.5 | 96.4 | 95.3 | 93.9 | 93.4 | 95.6 | 92.9 | 84.8 | 67.0 | 89.2 | 94.3 | 83.1 | 95.2 | 95.9 | 91.0 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 86.6 | 93.2 | 85.2 | 85.8 | 89.1 | 87.0 | 83.3 | 86.8 | 94.7 | 89.8 | 89.6 | 89.7 | 90.3 | 87.2 | 86.5 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 92.5 | 92.1 | 86.0 | 91.6 | 92.9 | 91.4 | 91.5 | 93.8 | 95.5 | 91.4 | 88.6 | 88.9 | 90.9 | 86.1 | 92.7 | 87.2 |

| TM30 | | | |
|---|---|---|---|
| Hue Bin | $R_f$ | Chroma | Hue |
| 1 | 92 | -4% | 0% |
| 2 | 92 | -3% | 3% |
| 3 | 86 | 0% | 7% |
| 4 | 92 | 1% | 4% |
| 5 | 93 | 4% | 4% |
| 6 | 91 | 6% | 0% |
| 7 | 92 | 2% | -5% |
| 8 | 94 | 0% | -4% |
| 9 | 95 | -2% | 0% |
| 10 | 91 | -3% | 4% |
| 11 | 89 | 1% | 8% |
| 12 | 89 | 4% | 4% |
| 13 | 91 | 6% | -6% |
| 14 | 86 | 5% | -8% |
| 15 | 93 | 1% | -5% |
| 16 | 87 | -1% | -10% |

**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

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

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

# Q-CAP NEXUS-SW

Flexible Fixtures Color Data

## 2700K 1.0W ENC/TL

2790 K

**CRI:** 95.8

**CRI R9:** 90.0

**TM30 Rf:** 94.0

**TM30 Rg:** 102.1

**CQS:** 92.9

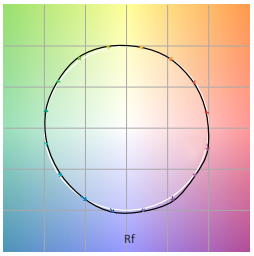
**X:** 0.454

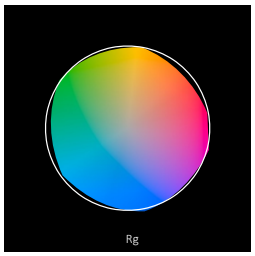
**Y:** 0.411

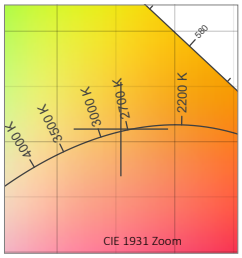
**U:** 0.259

**V:** 0.351

**Δuv:** 0.0008




| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 97.5 | 95.9 | 92.0 | 96.9 | 96.1 | 94.0 | 97.5 | 96.9 | 90.0 | 88.7 | 96.5 | 80.1 | 96.9 | 94.5 | 96.7 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 95.1 | 97.2 | 88.2 | 90.4 | 92.9 | 90.8 | 89.6 | 94.4 | 95.0 | 93.5 | 94.5 | 95.6 | 96.4 | 95.1 | 94.9 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 96.5 | 97.0 | 92.9 | 94.1 | 94.3 | 93.7 | 95.4 | 95.7 | 96.6 | 92.9 | 89.6 | 90.8 | 95.3 | 93.3 | 95.2 | 91.3 |

| TM30 | | | |
|---|---|---|---|
| Hue Bin | $R_f$ | Chroma | Hue |
| 1 | 96 | -1% | -1% |
| 2 | 97 | -1% | 1% |
| 3 | 93 | 0% | 3% |
| 4 | 94 | 0% | 3% |
| 5 | 94 | 2% | 4% |
| 6 | 94 | 4% | 0% |
| 7 | 95 | 1% | -2% |
| 8 | 96 | 1% | -3% |
| 9 | 97 | -1% | 0% |
| 10 | 93 | -2% | 4% |
| 11 | 90 | 0% | 8% |
| 12 | 91 | 3% | 4% |
| 13 | 95 | 3% | 0% |
| 14 | 93 | 5% | -2% |
| 15 | 95 | 1% | -2% |
| 16 | 91 | 2% | -7% |

## 2700K 2.0W ENC/TL

2764 K

**CRI:** 95.6

**CRI R9:** 88.6

**TM30 Rf:** 94.3

**TM30 Rg:** 101.6

**CQS:** 93.0

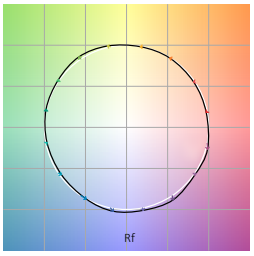
**X:** 0.458

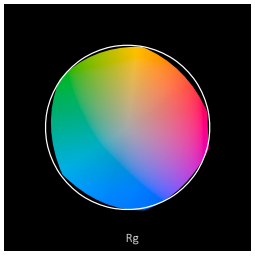
**Y:** 0.414

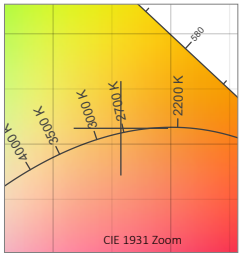
**U:** 0.259

**V:** 0.352

**Δuv:** 0.0016




| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 97.2 | 95.6 | 91.6 | 97.1 | 95.7 | 93.6 | 97.6 | 96.6 | 88.6 | 87.9 | 96.8 | 79.8 | 96.6 | 94.2 | 96.2 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 94.9 | 97.1 | 88.8 | 90.7 | 92.8 | 91.0 | 90.6 | 95.1 | 94.7 | 93.8 | 93.6 | 94.7 | 95.6 | 94.5 | 94.5 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 96.3 | 97.0 | 93.5 | 94.4 | 94.7 | 94.4 | 95.8 | 96.3 | 96.7 | 93.4 | 89.9 | 91.2 | 95.6 | 93.5 | 95.4 | 91.4 |

| TM30 | | | |
|---|---|---|---|
| Hue Bin | $R_f$ | Chroma | Hue |
| 1 | 96 | -1% | -1% |
| 2 | 97 | -1% | 0% |
| 3 | 93 | -1% | 3% |
| 4 | 94 | 0% | 3% |
| 5 | 95 | 2% | 4% |
| 6 | 94 | 4% | 1% |
| 7 | 96 | 1% | -2% |
| 8 | 96 | 0% | -2% |
| 9 | 97 | -1% | -1% |
| 10 | 93 | -2% | 4% |
| 11 | 90 | 0% | 7% |
| 12 | 91 | 3% | 4% |
| 13 | 96 | 3% | 0% |
| 14 | 93 | 5% | -2% |
| 15 | 95 | 1% | -2% |
| 16 | 91 | 2% | -7% |

## 2700K 4.0W ENC/TL

2740 K

**CRI:** 96.4

**CRI R9:** 89.1

**TM30 Rf:** 94.3

**TM30 Rg:** 101.3

**CQS:** 93.4

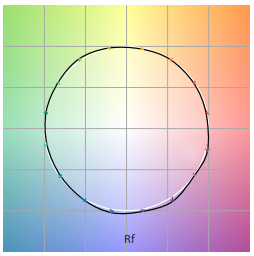
**X:** 0.458

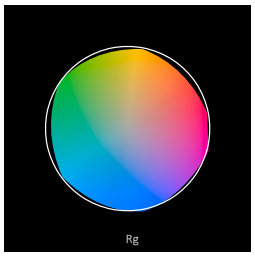
**Y:** 0.413

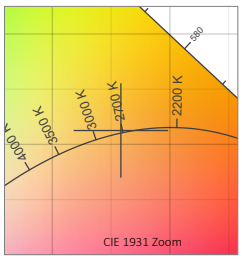
**U:** 0.261

**V:** 0.352

**Δuv:** 0.0009




| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 97.7 | 96.6 | 93.1 | 97.7 | 96.4 | 95.0 | 98.4 | 96.4 | 89.1 | 90.3 | 97.3 | 80.8 | 97.3 | 95.1 | 96.6 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 95.0 | 96.9 | 88.9 | 90.2 | 93.4 | 92.7 | 91.2 | 94.8 | 95.3 | 94.2 | 94.7 | 95.6 | 96.3 | 94.9 | 94.9 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 96.3 | 97.1 | 94.1 | 94.6 | 94.8 | 95.5 | 95.6 | 97.9 | 96.7 | 92.1 | 89.6 | 91.4 | 95.8 | 93.0 | 95.8 | 90.4 |

| TM30 | | | |
|---|---|---|---|
| Hue Bin | $R_f$ | Chroma | Hue |
| 1 | 96 | -1% | 0% |
| 2 | 97 | -1% | 0% |
| 3 | 94 | -1% | 3% |
| 4 | 95 | -2% | 1% |
| 5 | 95 | 0% | 3% |
| 6 | 96 | 3% | 1% |
| 7 | 96 | 0% | -1% |
| 8 | 98 | 0% | -1% |
| 9 | 97 | -1% | 1% |
| 10 | 92 | -1% | 5% |
| 11 | 90 | 1% | 8% |
| 12 | 91 | 4% | 3% |
| 13 | 96 | 3% | -1% |
| 14 | 93 | 5% | -3% |
| 15 | 96 | 0% | -2% |
| 16 | 90 | 2% | -8% |

**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

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

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

# Q-CAP NEXUS-SW

Flexible Fixtures Color Data

## 3000K 1.0 ENC/TL

3060 K

**CRI:** 97.8

**CRI R9:** 98.7

**TM30 Rf:** 95.0

**TM30 Rg:** 100.6

**CQS:** 96.1

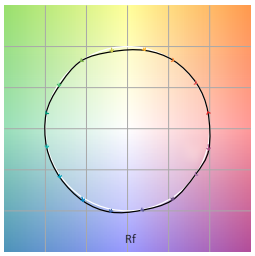
**X:** 0.432

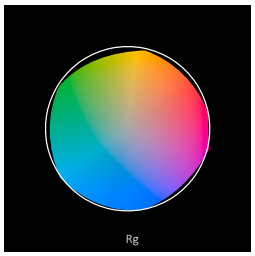
**Y:** 0.401

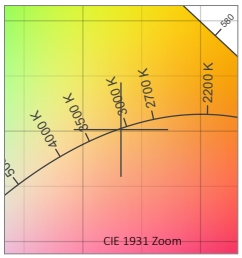
**U:** 0.249

**V:** 0.346

**Δuv:** -0.0004




| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 97.1 | 98.8 | 97.1 | 97.3 | 97.5 | 96.9 | 98.8 | 98.5 | 98.7 | 99.1 | 94.7 | 86.1 | 97.3 | 97.4 | 97.8 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 93.5 | 96.7 | 94.2 | 95.0 | 96.7 | 98.3 | 97.1 | 98.5 | 97.5 | 98.5 | 97.4 | 96.7 | 97.0 | 96.5 | 95.5 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 96.6 | 97.7 | 96.6 | 95.1 | 94.5 | 97.3 | 93.5 | 97.3 | 94.6 | 93.0 | 93.0 | 93.7 | 95.4 | 94.4 | 93.3 | 92.2 |

**TM30**

| Hue Bin | $R_f$ | Chroma | Hue |
|---|---|---|---|
| 1 | 97 | 0% | 1% |
| 2 | 98 | 0% | -1% |
| 3 | 97 | 0% | -1% |
| 4 | 95 | -2% | -2% |
| 5 | 95 | -4% | 0% |
| 6 | 97 | 0% | 2% |
| 7 | 94 | -2% | 3% |
| 8 | 97 | 1% | 1% |
| 9 | 95 | 1% | 4% |
| 10 | 93 | 1% | 4% |
| 11 | 93 | 3% | 4% |
| 12 | 94 | 4% | -1% |
| 13 | 95 | 1% | -3% |
| 14 | 94 | 3% | -3% |
| 15 | 93 | 0% | -1% |
| 16 | 92 | 2% | -6% |

## 3000K 2.0W ENC/TL

3045 K

**CRI:** 98.2

**CRI R9:** 97.8

**TM30 Rf:** 94.3

**TM30 Rg:** 100.1

**CQS:** 95.6

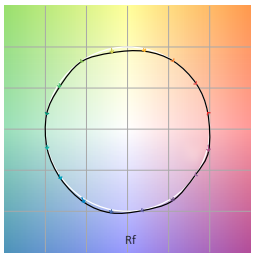
**X:** 0.434

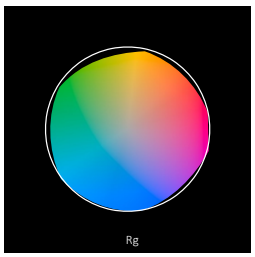
**Y:** 0.404

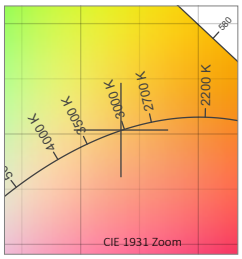
**U:** 0.249

**V:** 0.347

**Δuv:** 0.0002




| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 97.9 | 99.6 | 96.5 | 98.3 | 98.4 | 97.7 | 98.6 | 98.5 | 97.8 | 98.8 | 96.3 | 84.1 | 98.2 | 96.9 | 98.2 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 92.8 | 96.6 | 93.3 | 93.5 | 95.4 | 97.4 | 97.0 | 98.3 | 97.0 | 97.5 | 97.6 | 96.9 | 97.0 | 96.7 | 95.4 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 96.0 | 97.7 | 96.8 | 94.4 | 93.6 | 97.1 | 92.8 | 97.1 | 93.5 | 91.0 | 91.4 | 93.2 | 95.3 | 93.8 | 92.6 | 91.3 |

**TM30**

| Hue Bin | $R_f$ | Chroma | Hue |
|---|---|---|---|
| 1 | 96 | 0% | 1% |
| 2 | 98 | 0% | -1% |
| 3 | 97 | 0% | -1% |
| 4 | 94 | -3% | -2% |
| 5 | 94 | -5% | 0% |
| 6 | 97 | -1% | 2% |
| 7 | 93 | -3% | 4% |
| 8 | 97 | 0% | 2% |
| 9 | 94 | 1% | 5% |
| 10 | 91 | 1% | 5% |
| 11 | 91 | 3% | 6% |
| 12 | 93 | 4% | 0% |
| 13 | 95 | 1% | -3% |
| 14 | 94 | 3% | -3% |
| 15 | 93 | 0% | -1% |
| 16 | 91 | 2% | -7% |

## 3000K 4.0W ENC/TL

3045 K

**CRI:** 97.7

**CRI R9:** 98.5

**TM30 Rf:** 94.3

**TM30 Rg:** 100.6

**CQS:** 95.6

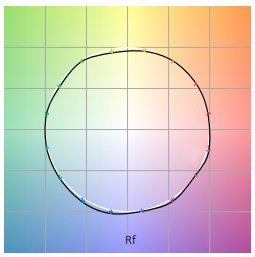
**X:** 0.432

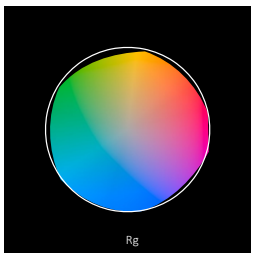
**Y:** 0.399

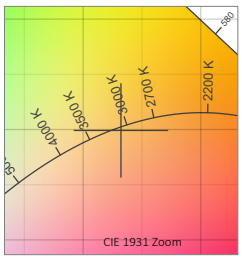
**U:** 0.250

**V:** 0.346

**Δuv:** -0.0013




| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 97.1 | 98.4 | 97.6 | 98.0 | 97.5 | 96.2 | 98.2 | 98.5 | 98.5 | 98.6 | 95.6 | 84.3 | 97.1 | 97.5 | 97.6 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 93.1 | 96.6 | 93.1 | 93.4 | 95.6 | 97.9 | 96.3 | 97.6 | 97.5 | 97.9 | 98.3 | 97.6 | 97.9 | 96.0 | 95.2 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 95.9 | 97.6 | 96.6 | 94.6 | 93.8 | 97.2 | 92.9 | 97.3 | 93.5 | 91.3 | 91.4 | 92.8 | 94.9 | 93.4 | 92.4 | 90.9 |

**TM30**

| Hue Bin | $R_f$ | Chroma | Hue |
|---|---|---|---|
| 1 | 96 | 0% | 1% |
| 2 | 98 | 0% | -1% |
| 3 | 97 | 0% | 0% |
| 4 | 95 | -3% | -2% |
| 5 | 94 | -5% | 0% |
| 6 | 97 | 0% | 1% |
| 7 | 93 | -2% | 4% |
| 8 | 97 | 0% | 2% |
| 9 | 93 | 1% | 5% |
| 10 | 91 | 2% | 5% |
| 11 | 91 | 4% | 5% |
| 12 | 93 | 4% | 0% |
| 13 | 95 | 1% | -4% |
| 14 | 93 | 3% | -4% |
| 15 | 92 | 0% | -1% |
| 16 | 91 | 2% | -7% |

**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

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

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

# Q-CAP NEXUS-SW

Flexible Fixtures Color Data

## 3500K 1.0W ENC/TL

3471 K

**CRI:** 98.2

**CRI R9:** 98.2

**TM30 Rf:** 93.7

**TM30 Rg:** 100.1

**CQS:** 96.3

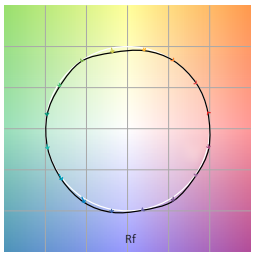
**X:** 0.407

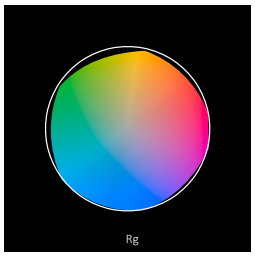
**Y:** 0.391

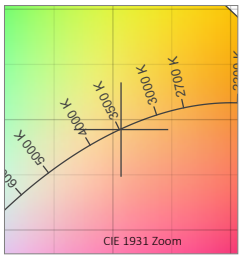
**U:** 0.237

**V:** 0.341

**Δuv:** -0.0003




| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 98.1 | 99.7 | 96.4 | 99.1 | 98.2 | 97.3 | 98.6 | 98.0 | 98.2 | 98.4 | 97.5 | 79.6 | 98.4 | 97.1 | 97.2 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 93.9 | 98.4 | 92.6 | 92.5 | 95.4 | 98.1 | 98.0 | 99.3 | 98.2 | 98.9 | 99.6 | 99.0 | 98.9 | 98.2 | 96.7 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 95.6 | 97.5 | 96.8 | 94.0 | 92.7 | 97.2 | 93.6 | 95.6 | 92.7 | 89.5 | 89.5 | 93.0 | 96.0 | 93.5 | 92.1 | 91.6 |

| TM30 | | | |
|---|---|---|---|
| Hue Bin | $R_f$ | Chroma | Hue |
| 1 | 96 | 0% | 1% |
| 2 | 98 | 0% | -1% |
| 3 | 97 | 0% | 0% |
| 4 | 94 | -3% | -2% |
| 5 | 93 | -6% | 0% |
| 6 | 97 | -1% | 1% |
| 7 | 94 | -3% | 3% |
| 8 | 96 | -1% | 3% |
| 9 | 93 | 0% | 5% |
| 10 | 89 | 1% | 7% |
| 11 | 90 | 4% | 6% |
| 12 | 93 | 4% | 1% |
| 13 | 96 | 1% | -2% |
| 14 | 93 | 4% | -3% |
| 15 | 92 | 1% | -2% |
| 16 | 92 | 2% | -4% |

## 3500K 2.0W ENC/TL

3456 K

**CRI:** 98.2

**CRI R9:** 98.8

**TM30 Rf:** 93.4

**TM30 Rg:** 99.6

**CQS:** 95.9

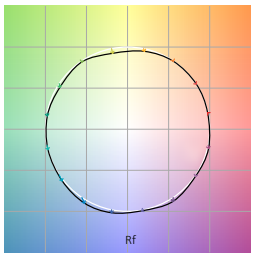
**X:** 0.408

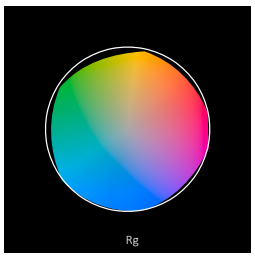
**Y:** 0.392

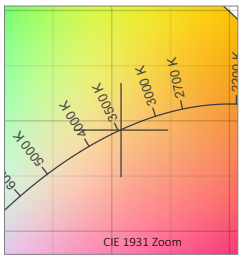
**U:** 0.237

**V:** 0.341

**Δuv:** -0.0002




| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 98.4 | 99.8 | 96.4 | 99.0 | 98.0 | 97.3 | 98.2 | 98.0 | 98.8 | 97.8 | 98.6 | 79.0 | 98.7 | 97.0 | 97.3 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 93.3 | 98.1 | 92.3 | 91.7 | 94.3 | 96.8 | 97.9 | 98.9 | 98.0 | 98.7 | 99.1 | 99.3 | 99.0 | 98.0 | 96.4 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 95.3 | 97.5 | 96.8 | 93.7 | 92.3 | 97.1 | 92.9 | 95.2 | 92.1 | 88.4 | 89.3 | 93.1 | 95.7 | 93.4 | 91.9 | 91.6 |

| TM30 | | | |
|---|---|---|---|
| Hue Bin | $R_f$ | Chroma | Hue |
| 1 | 95 | -1% | 1% |
| 2 | 97 | 0% | -1% |
| 3 | 97 | 0% | 0% |
| 4 | 94 | -3% | -2% |
| 5 | 92 | -6% | 0% |
| 6 | 97 | -1% | 1% |
| 7 | 93 | -3% | 4% |
| 8 | 95 | -1% | 3% |
| 9 | 92 | 0% | 5% |
| 10 | 88 | 1% | 8% |
| 11 | 89 | 4% | 6% |
| 12 | 93 | 4% | 1% |
| 13 | 96 | 1% | -3% |
| 14 | 93 | 4% | -3% |
| 15 | 92 | 1% | -2% |
| 16 | 92 | 1% | -4% |

## 3500K 4.0W ENC/TL

3426 K

**CRI:** 98.0

**CRI R9:** 98.5

**TM30 Rf:** 93.2

**TM30 Rg:** 100.0

**CQS:** 95.8

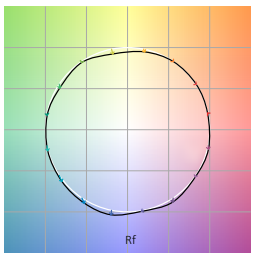
**X:** 0.409

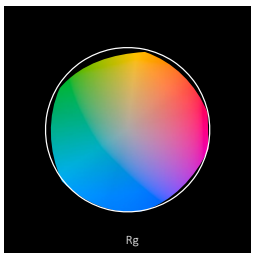
**Y:** 0.390

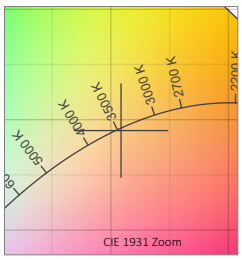
**U:** 0.238

**V:** 0.341

**Δuv:** -0.0010




| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 97.9 | 99.1 | 97.3 | 99.0 | 97.9 | 96.9 | 97.8 | 97.9 | 98.5 | 99.6 | 98.0 | 79.7 | 98.1 | 97.6 | 97.2 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 93.0 | 97.8 | 92.4 | 91.8 | 94.3 | 97.0 | 97.7 | 98.6 | 98.3 | 98.7 | 99.0 | 99.3 | 99.3 | 97.4 | 96.0 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 95.0 | 97.2 | 96.7 | 93.6 | 92.2 | 97.1 | 92.7 | 96.8 | 91.5 | 88.6 | 89.2 | 92.0 | 95.3 | 93.0 | 91.5 | 91.3 |

| TM30 | | | |
|---|---|---|---|
| Hue Bin | $R_f$ | Chroma | Hue |
| 1 | 95 | -1% | 1% |
| 2 | 97 | 0% | -1% |
| 3 | 97 | 0% | 0% |
| 4 | 94 | -3% | -2% |
| 5 | 92 | -6% | 0% |
| 6 | 97 | -1% | 1% |
| 7 | 93 | -3% | 4% |
| 8 | 97 | -1% | 2% |
| 9 | 91 | 0% | 6% |
| 10 | 89 | 1% | 8% |
| 11 | 89 | 4% | 6% |
| 12 | 92 | 5% | 0% |
| 13 | 95 | 1% | -3% |
| 14 | 93 | 4% | -4% |
| 15 | 92 | 0% | -2% |
| 16 | 91 | 1% | -4% |

**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

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

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

# Q-CAP NEXUS-SW

Flexible Fixtures Color Data

## 4000K 1.0W ENC/TL

3974 K

**CRI:** 97.8

**CRI R9:** 98.0

**TM30 Rf:** 92.8

**TM30 Rg:** 100.0

**CQS:** 95.2

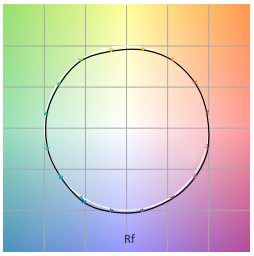
**X:** 0.382

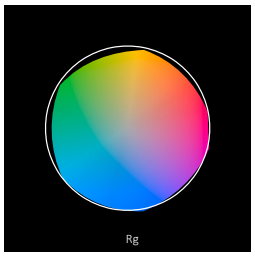
**Y:** 0.377

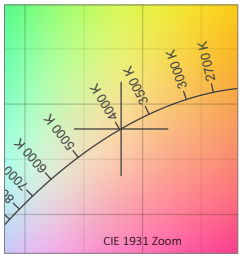
**U:** 0.226

**V:** 0.335

**Δuv:** 0.0001




| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 98.9 | 98.8 | 95.4 | 98.7 | 97.3 | 95.6 | 99.1 | 98.5 | 98.0 | 95.0 | 97.7 | 74.1 | 99.4 | 96.8 | 97.1 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 94.3 | 99.0 | 89.5 | 89.3 | 93.6 | 96.4 | 96.8 | 98.4 | 97.7 | 97.5 | 97.9 | 99.2 | 99.7 | 98.7 | 97.2 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 95.2 | 97.5 | 96.2 | 93.5 | 92.2 | 96.4 | 95.0 | 93.9 | 90.5 | 88.5 | 86.9 | 92.3 | 94.6 | 94.8 | 90.3 | 90.4 |

**TM30**

| Hue Bin | $R_f$ | Chroma | Hue |
|---|---|---|---|
| 1 | 95 | -1% | 0% |
| 2 | 97 | 0% | 0% |
| 3 | 96 | 0% | 0% |
| 4 | 94 | -3% | -1% |
| 5 | 92 | -5% | 0% |
| 6 | 96 | -1% | 1% |
| 7 | 95 | -3% | 2% |
| 8 | 94 | -2% | 3% |
| 9 | 91 | -1% | 7% |
| 10 | 88 | 0% | 7% |
| 11 | 87 | 4% | 8% |
| 12 | 92 | 3% | 3% |
| 13 | 95 | 3% | -1% |
| 14 | 95 | 2% | 0% |
| 15 | 90 | 3% | -4% |
| 16 | 90 | 2% | -5% |

## 4000K 2.0W ENC/TL

3958 K

**CRI:** 97.5

**CRI R9:** 96.1

**TM30 Rf:** 92.8

**TM30 Rg:** 99.9

**CQS:** 94.9

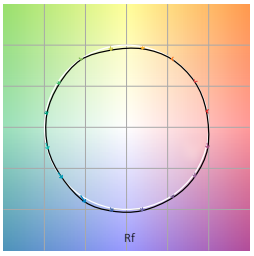
**X:** 0.382

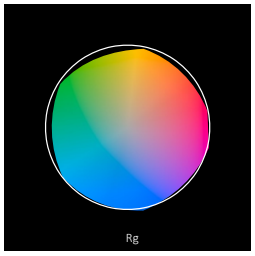
**Y:** 0.378

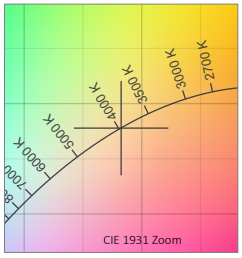
**U:** 0.226

**V:** 0.335

**Δuv:** -0.0001




| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 98.8 | 98.5 | 94.9 | 98.3 | 96.9 | 95.3 | 99.1 | 98.2 | 96.1 | 94.0 | 97.4 | 73.7 | 99.2 | 96.5 | 97.2 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 94.4 | 99.0 | 89.0 | 88.6 | 93.1 | 95.9 | 96.4 | 98.1 | 97.4 | 97.0 | 97.3 | 98.8 | 99.6 | 98.6 | 97.3 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 95.1 | 97.4 | 95.9 | 93.5 | 92.2 | 96.5 | 95.1 | 94.0 | 90.7 | 88.2 | 86.7 | 92.1 | 94.5 | 94.8 | 90.4 | 90.4 |

**TM30**

| Hue Bin | $R_f$ | Chroma | Hue |
|---|---|---|---|
| 1 | 95 | -1% | 0% |
| 2 | 97 | 0% | 0% |
| 3 | 96 | -1% | 1% |
| 4 | 93 | -3% | 0% |
| 5 | 92 | -4% | 0% |
| 6 | 96 | -1% | 1% |
| 7 | 95 | -3% | 2% |
| 8 | 94 | -2% | 3% |
| 9 | 91 | -1% | 7% |
| 10 | 88 | -1% | 8% |
| 11 | 87 | 4% | 8% |
| 12 | 92 | 3% | 3% |
| 13 | 94 | 3% | -1% |
| 14 | 95 | 2% | 0% |
| 15 | 90 | 2% | -4% |
| 16 | 90 | 2% | -5% |

## 4000K 4.0W ENC/TL

3944 K

**CRI:** 97.8

**CRI R9:** 98.3

**TM30 Rf:** 92.3

**TM30 Rg:** 99.7

**CQS:** 95.0

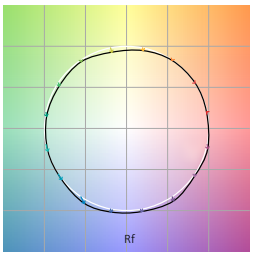
**X:** 0.383

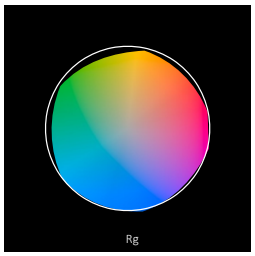
**Y:** 0.376

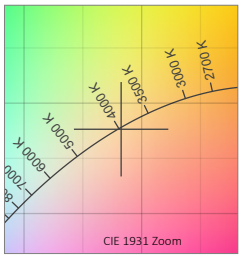
**U:** 0.227

**V:** 0.334

**Δuv:** -0.0008




| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 98.5 | 99.8 | 96.5 | 98.3 | 97.2 | 96.1 | 97.9 | 97.7 | 98.3 | 97.3 | 98.3 | 74.3 | 99.1 | 97.3 | 96.6 |
| **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** |
| 93.1 | 98.6 | 90.1 | 89.1 | 92.9 | 95.9 | 97.4 | 98.5 | 98.0 | 98.1 | 98.2 | 99.4 | 99.8 | 98.1 | 96.5 |
| **C1** | **C2** | **C3** | **C4** | **C5** | **C6** | **C7** | **C8** | **C9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** |
| 94.6 | 97.0 | 96.3 | 93.0 | 91.4 | 96.1 | 93.9 | 92.5 | 89.1 | 87.7 | 87.0 | 92.6 | 93.9 | 94.3 | 90.9 | 90.0 |

**TM30**

| Hue Bin | $R_f$ | Chroma | Hue |
|---|---|---|---|
| 1 | 95 | -1% | 1% |
| 2 | 97 | 0% | 0% |
| 3 | 96 | 0% | 0% |
| 4 | 93 | -3% | -2% |
| 5 | 91 | -6% | -1% |
| 6 | 96 | -2% | 1% |
| 7 | 94 | -3% | 3% |
| 8 | 93 | -2% | 4% |
| 9 | 89 | -1% | 8% |
| 10 | 88 | 0% | 8% |
| 11 | 87 | 4% | 8% |
| 12 | 93 | 3% | 2% |
| 13 | 94 | 3% | -2% |
| 14 | 94 | 5% | -1% |
| 15 | 91 | 1% | -2% |
| 16 | 90 | 2% | -5% |

**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

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

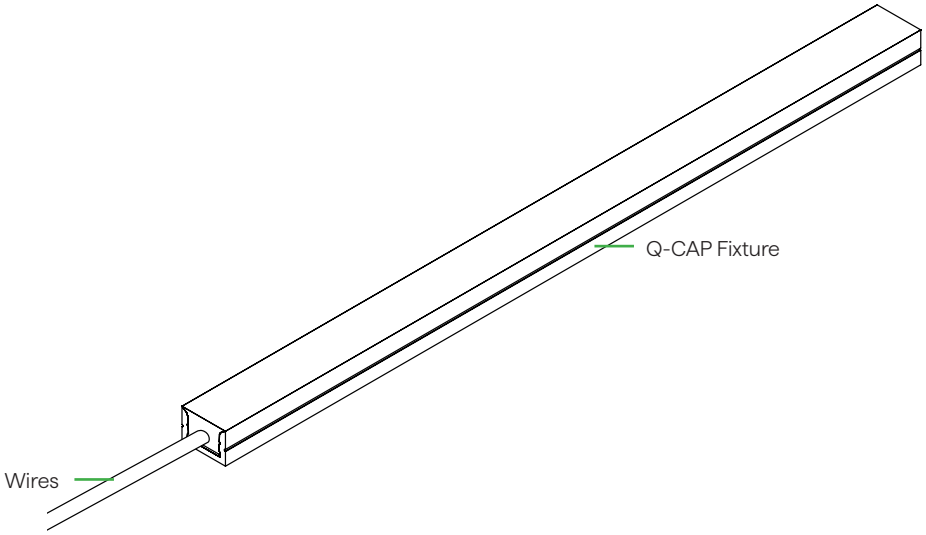
Specification subject to change. Rev-03-10-24

# 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

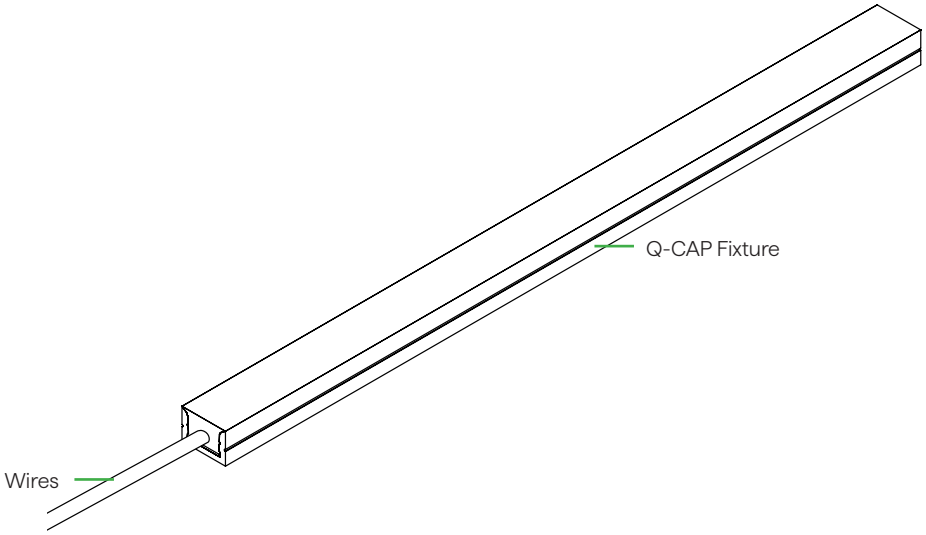
© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

# 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

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting