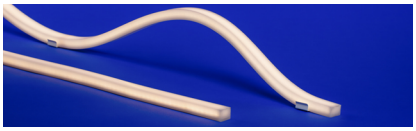
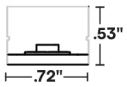
Q-CAP LUME-01 STATIC WHITE

24VDC Flexible Fixtures





- Flexible encapsulated fixture
- Three-sided illumination
- Up/down bend
- 6" bend radius
- Interior and exterior rated (not including FC)
- Available in a seamless configuration for a continuous line of light
- Three different mounting options
- 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
					ENC/TL

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
			TL		

Sample Part Number: **LUME-01-SW-MC-DRY-30-5.0-ENC/TL-P1-BW-BW-N/A-48"-E**

A1 PRODUCT

LUME-01-SW
LUME-01-SW-USA

Select USA option for BA, BAA and BABA projects.

See last page for compatible power supplies.

A2 MOUNTING

MC	Magnetic Clip
PPS-LP-CL-2	Clear PVC Clip
PPS-LP-CL-96	Clear PVC Channel
WSC	White Snug Clip

White snug clip only for indirect 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

1.5	1.5W-SO
3.0	3.0W-HO
5.0	5.0W-VHO
1.5HE	1.5WHE-SO
3.0HE	3.0WHE-HO
6.0HE	6.0WHE-VHO

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

A6 LENS

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
S5	Seamless Feed

PASS THROUGH (Input/Output)

P1	End Feed
P5	Seamless Feed

A8 CONNECTOR/WIRE IN

BW	Bare Wire (Standard 24")
BRL	Barrel
CON6	Connector 6"
CON24	Connector 24"

BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

BW	Bare Wire (Standard 24")
BRL	Barrel
CON6	Connector 6"
CON24	Connector 24"

BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

A9 CONNECTOR/WIRE OUT

N/A	Closed End (No feed)

BW	Bare Wire (Standard 24")
BRL	Barrel
CON6	Connector 6"
CON24	Connector 24"

BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

A10 END CAPS

Single	**TL**	Translucent
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".
SW: Available in 1" increments.
SW-HE: Available in 2" 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.

Up/Down 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@QTLlighting | www.QTLlighting

Specification subject to change. Rev-11-17-26

Q-CAP LUME-01 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			ENC/TL

ADDITIONAL INFORMATION REQUIRED TO ORDER

B7	B8	B9	B10	B11	B12
WIRE INPUT/ OUTPUT	CONNECTOR/ WIRE IN	CONNECTOR/ WIRE OUT	END CAPS	LENGTH (IN)	EXACT/ OPTIMAL
		N/A	TL	48”	N/A

Sample Part Number: **LUME-01-FC-SW-MC-DRY-30-5.0-ENC/TL-S1-BW-N/A-TL-48"-N/A**

B1 PRODUCT

LUME-01-FC-SW
LUME-01-FC-SW-USA

Select USA option for BA, BAA and BABA projects.

See last page for compatible power supplies.

B2 MOUNTING

MC	Magnetic Clip
PPS-LP-CL-2	Clear PVC Clip
PPS-LP-CL-96	Clear PVC Channel
WSC	White Snug Clip

White snug clip only for indirect 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

1.5	1.5W-SO
3.0	3.0W-HO
5.0	5.0W-VHO
1.5HE	1.5WHE-SO
3.0HE	3.0WHE-HO
6.0HE	6.0WHE-VHO

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

B6 LENS

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
S5	Seamless Feed

B8 CONNECTOR/WIRE IN

BW	Bare Wire (Standard 24”)
BRL	Barrel
CON6	Connector 6”
CON24	Connector 24”

BW: Standard length is 24”, Max length is 120”. Request custom length by writing in part number next to BW (example: BW48)

B9 CONNECTOR/WIRE OUT

N/A	Closed End (No feed)

B10 END CAPS

Single

TL	Translucent

B11 LENGTH (IN)

48”	Nominal

Starting Run length is 48.475” for S1
Each cut point subtracts from the Starting Run Length
1.5, 3.0, & 5.0 have a 1” cut point
1.5HE, 3.0HE, & 6.0HE have a 2” cut point
S1 can be cut down to as little as 1.475” for SW & 2.475” SW-HE

B12 EXACT/OPTIMAL

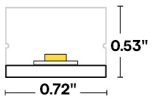
N/A

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

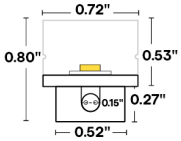
Q-CAP LUME-01 STATIC WHITE

24VDC Flexible Fixtures

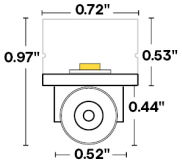
1 PRODUCT - DIMENSIONS



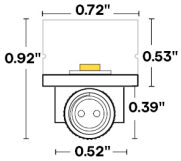
Profile
(Standard)



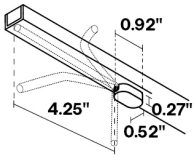
Profile
(Seamless bare wire)



Profile
(Seamless barrel)



Profile
(CON6-24 barrel)

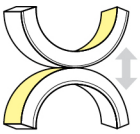


Seamless Omnidirectional
wireways (S5, P5)

Shown with bare wire
connectors vary

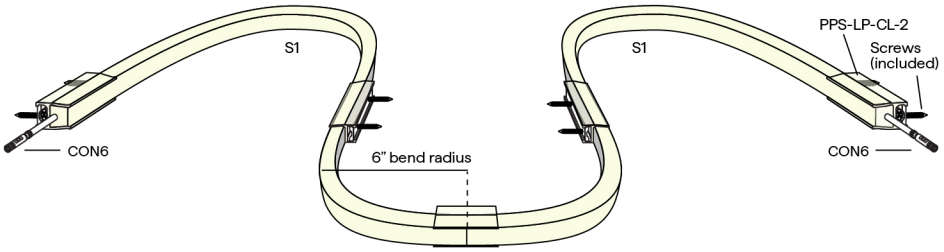
BEND RADIUS

Up/Down Bend



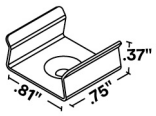
6" bending radius

FLEXIBILITY



2 MOUNTING

WSC

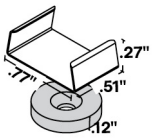


White Snug Clip
Indirect uplight

To order separately use WSC

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

MC

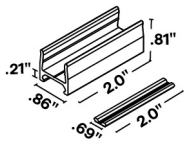


Magnetic Clip
Cove use only

To order separately use MC

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

PPS-LP-CL-2

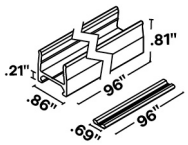


Low profile PC Mounting
Clip - Clear finish

To order separately use LUME-PPS-LP-CL-2

PPS-LP-CL-2 kit quantity:
(2 kits per ft) + 1.
For example: 1 ft = (2 × 1) + 1 = 3
PPS-LP-CL-2 kits provided.

PPS-LP-CL-96



Low profile PC channel
96" straight linear run
Clear finish

To order separately use LUME-PPS-LP-CL-96

Each clip comes with a #8" flat screw

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

Q-CAP LUME-01 STATIC WHITE

24VDC Flexible Fixtures

4/5 DELIVERED LUMENS

[Calculated L70 = 40000 hrs]
Tested with LUME-01-SW-WSC-DRY

CCT	1.5W/FT ENC/TL		1.5HE W/FT ENC/TL		3.0W/FT ENC/TL		3.0HE W/FT ENC/TL		5.0W/FT ENC/TL		6.0HE W/FT ENC/TL	
	LM	CRI	LM	CRI	LM	CRI	LM	CRI	LM	CRI	LM	CRI
2200K	**	**	**	**	**	**	**	**	**	**	**	**
2400K	74	92	77	93	137	92	164	93	232	92	378	93
2700K	66	97	68	97	132	97	186	97	229	98	369	97
3000K	73	95	84	95	142	95	180	95	239	95	387	95
3500K	82	98	82	97	155	98	178	97	225	98	394	97
4000K	65	97	79	97	130	97	170	97	229	97	397	97

6 DIODE VISIBILITY



TEMPERATURE RATINGS

	1.5 W/FT		1.5 HE W/FT		3.0 W/FT		3.0 HE W/FT		5.0 W/FT		6.0 HE W/FT	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
Ambient Operating Temp - Surface	-4°F	130°F	-4°F	140°F	-4°F	125°F	-4°F	125°F	-4°F	105°F	-4°F	95°F
Storage Temp	-4°F	140°F	-4°F	140°F	-4°F	140°F	-4°F	140°F	-4°F	140°F	-4°F	140°F
Installation Temp	50°F	100°F	50°F	100°F	50°F	100°F	50°F	100°F	50°F	100°F	50°F	100°F

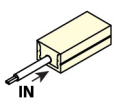
BUG RATING

WATTAGE	B	U	G
1.5 (ALL CCTs), 1.5HE (ALL CCTs)	B0	U1	G0
3.0 (ALL CCTs), 5.0 (ALL CCTs), 3.0HE (ALL CCTs)	B0	U2	G0
6.0HE (ALL CCTs)	B0	U2	G1

7 WIRE INPUT/OUTPUT

SINGLE (Input only)

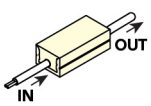
S1



End Feed

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

P1



End Feed

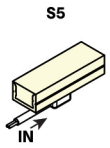
© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | www.QTL.lighting

Specification subject to change. Rev-11-17-26

Q-CAP LUME-01 STATIC WHITE

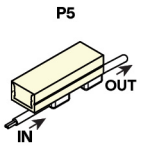
24VDC Flexible Fixtures

SEAMLESS SINGLE (Input only)



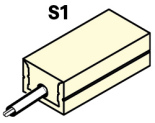
Seamless Feed

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

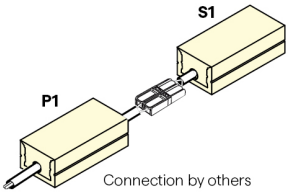


Seamless Feed

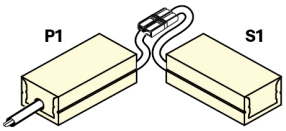
CONFIGURATION OPTIONS



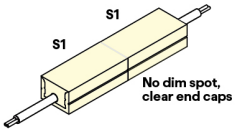
Single End Feed



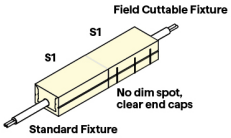
Non-Continuous End Feed



Non-Continuous Corner Feed

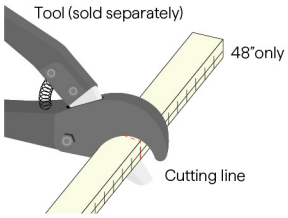


Continuous End to End Feed



Field Cuttable - Continuous End to End Feed

FIELD CUTTABLE MARKING



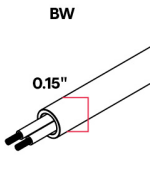
Field cuttable fixtures are sold in 4' increments and go at the end of a run, allowing for easy field adjustment



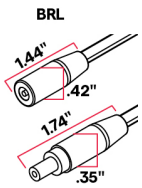
Note: Only FC fixtures are field cuttable — Do not attempt to cut non FC fixtures.
Cut only on the marked cut lines. Only cut from non-feed end. Do not attempt to cut while power is on.

8/9 CONNECTOR/WIRE – IN/OUT

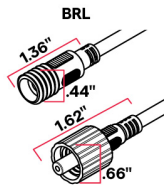
Connector/Wire In or Out not needed to specify product. Typical selection is S1 for Wire Input/Output, BW for Connector/Wire In, N/A for Connector/Wire Out, and WH for End Caps



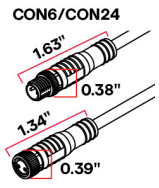
Bare Wire 24"
22 AWG



Barrel 6" - DRY/DMP | 22 AWG



Barrel 6"- WET | 22 AWG



6" or 24" Overall
Wire Connector | 22 AWG
IP67 Rated, UL Listed

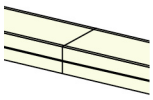
© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | www.QTL.lighting

Q-CAP LUME-01 STATIC WHITE

24VDC Flexible Fixtures

10 END CAPS (NO FEED)

TL

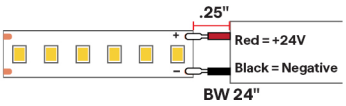


Translucent endcaps
.0" added at end

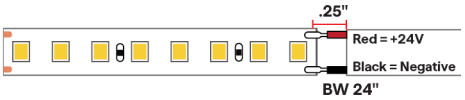
.00" dim spot

11 LENGTH - WIRING DETAIL

1.5W, 3.0W, 5.0W | Available in 1" increments 12"-191"



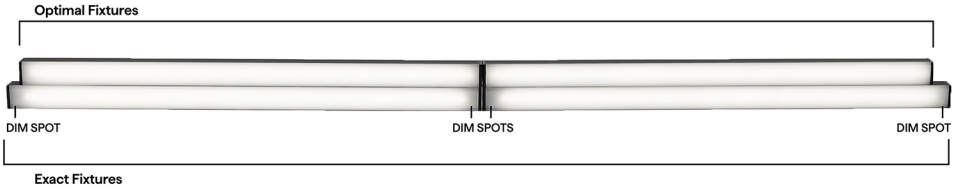
1.5HEW, 3.0HEW, 6.0HEW | Available in 2" increments 12"-191"



12 EXACT/OPTIMAL FIXTURE LENGTH

E/O Length Calculator → E/O Explained →

Exact fixtures are the exact length specified +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
	S1 IN End Feed
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	S5 & P5	
	S1 IN End Feed	P1 OUT IN End Feed	S5 Seamless Feed	P5 Seamless Feed
12"	11.45"	11.70"	11.20"	
13"	12.45"	12.70"	12.20"	
14"	13.45"	13.70"	13.20"	
15"	14.45"	14.70"	14.20"	
16"	15.45"	15.70"	15.20"	
17"	16.45"	16.70"	16.20"	
18"	17.45"	17.70"	17.20"	
19"	18.45"	18.70"	18.20"	
20"	19.45"	19.70"	19.20"	
21"	20.45"	20.70"	20.20"	
22"	21.45"	21.70"	21.20"	
23"	22.45"	22.70"	22.20"	
24"	23.45"	23.70"	23.20"	
36"	35.45"	35.70"	35.20"	
48"	47.45"	47.70"	47.20"	
60"	59.45"	59.70"	59.20"	
72"	71.45"	71.70"	71.20"	
84"	83.45"	83.70"	83.20"	
96"	95.45"	95.70"	95.20"	

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

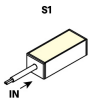
Specification subject to change. Rev-11-17-26

Q-CAP LUME-01 STATIC WHITE

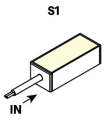
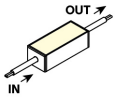
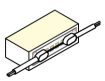
24VDC Flexible Fixtures

SW-HE ENC LENGTHS BY INCH

EXACT LENGTH

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

OPTIMAL LENGTH

Requested Nominal Length	S1	P1	S5 & P5	
	 End Feed	 End Feed	 Seamless Feed	 Seamless Feed
12"	10.45"	10.70"	10.20"	
13"	12.45"	12.70"	12.20"	
14"	12.45"	12.70"	12.20"	
15"	14.45"	14.70"	14.20"	
16"	14.45"	14.70"	14.20"	
17"	16.45"	16.70"	16.20"	
18"	16.45"	16.70"	16.20"	
19"	18.45"	18.70"	18.20"	
20"	18.45"	18.70"	18.20"	
21"	20.45"	20.70"	20.20"	
22"	20.45"	20.70"	20.20"	
23"	22.45"	22.70"	22.20"	
24"	22.45"	22.70"	22.20"	
36"	34.45"	34.70"	34.20"	
48"	46.45"	46.70"	46.20"	
60"	58.45"	58.70"	58.20"	
72"	70.45"	70.70"	70.20"	
84"	82.45"	82.70"	82.20"	
96"	94.45"	94.70"	94.20"	

COMPATIBLE POWER SUPPLIES

See power supplies cut sheets for more information. Data subject to change, all data has +/- 5% tolerance.

DIM TO LEVEL	INDOOR		OUTDOOR	
	SW24/1.5-4.0	SW24/5.0, SW-HE, SW-HE+	SW24/1.5-4.0	SW24/5.0, SW-HE, SW-HE+
Dim to Black	Q6M-DC+CAP QTM-DC+CAP iQ-PH+QD1	Q6M-DC+CAP QTM-DC+CAP iQ-PH+QD1	QOM-DC+CAP QOM-PH	QOM-DC+CAP QOM-PH
0.1%	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-BOWTIE+DIMMER QZ-DMX QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-BOWTIE+DIMMER QZ-DMX QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP	Q-SET-QZ-DMX Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QOM-eLED+DALI-DT6 QOM-eLED+DALI-DT6-PS QZ-DMX QZ-PRO-PH/0-10V	Q-SET-QZ-DMX Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QOM-eLED+DALI-DT6 QOM-eLED+DALI-DT6-PS QZ-DMX QZ-PRO-PH/0-10V
1%	Q-DIM QTM-eLED(E) QZ-DALI-DT6	Q-DIM QTM-eLED(E) QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QZ-DALI-DT6
10%	Non-Dim Power Supply with SW App Dongle	Non-Dim Power Supply with SW App Dongle	Q-HEX-mini-DC Q-SET-mLED	

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

Q-CAP LUME-01 STATIC WHITE

24VDC Flexible Fixtures

DIMMING PROTOCOL	INDOOR		OUTDOOR	
	SW24/1.5-4.0	SW24/5.0, SW-HE, SW-HE+	SW24/1.5-4.0	SW24/5.0, SW-HE, SW-HE+
Non-Dim	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND	Q-SET-QZ-ND Q-SET-eLED-ND QOM-eLED-ND QZ-ND	Q-SET-QZ-ND Q-SET-eLED-ND QOM-eLED-ND QZ-ND
Phase	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1	Q-HEX-mini-DC Q-SET-QZ-PH/0-10V Q-SET-mLED QOM-DC+CAP QOM-PH QZ-PRO-PH/0-10V	Q-SET-QZ-PH/0-10V QOM-DC+CAP QOM-PH QZ-PRO-PH/0-10V
0-10V	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP	Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QZ-PRO-PH/0-10V	Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QZ-PRO-PH/0-10V
Lutron Athena	QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6-AWN	QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6-AWN		
ECO System	QTM-eLED(E)	QTM-eLED(E)		
DMX	QZ-DMX	QZ-DMX	Q-SET-QZ-DMX QZ-DMX	Q-SET-QZ-DMX QZ-DMX
DALI-2: DT6	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-DALI-DT6	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QOM-eLED+DALI-DT6 QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QOM-eLED+DALI-DT6 QZ-DALI-DT6
SCENE App Dimmed	Non-Dim Power Supply with SW App Dongle	Non-Dim Power Supply with SW App Dongle		

COMPATIBLE MOUNTING ACCESSORIES

Q-ANGLE



Adjustable mounting accessory

iQ-QCAP-UNV-CUTTER



QTL recommended FC Cutter

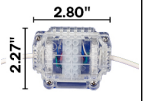
COMPATIBLE WIRING ACCESSORIES

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

© 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-11-17-26

Q-CAP LUME-01 STATIC WHITE

24VDC Flexible Fixtures

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 LUME

Flexible Fixtures

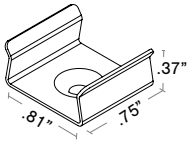
Mounting

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

WSC:

WHITE SNUG CLIP

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

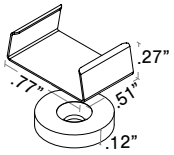


MOUNTING HARDWARE
- #6 flat screw (one provided for each clip)
- 832 Silicone (sold separately)

MC:

MAGNETIC CLIP

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

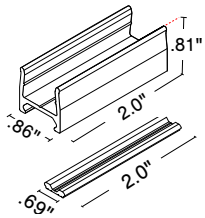


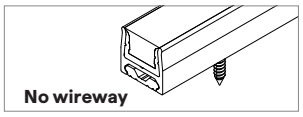
MOUNTING HARDWARE
- #6 flat screw (one provided for each clip)
- 832 Silicone (sold separately)

LUME-PPS-LP-CL-2:

PC LOW PROFILE MOUNT CLIP

- Clear Polycarbonate (PC)
- For indoor/outdoor use
- Surface mounting
- No wire way
- Can be mounted with or without PPS-BRACKET (**COVE FRIENDLY**)



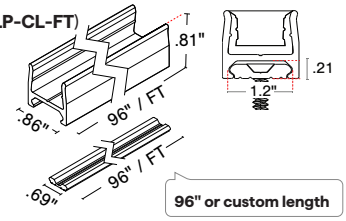


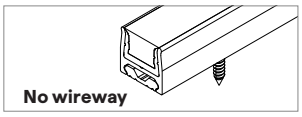
MOUNTING HARDWARE
- #8 Flat head screw (1 screw for every 16")
- 832 Silicone (sold separately)

LUME-PPS-LP-CL-96 & LUME-PPS-LP-CL-FT:

PC LOW PROFILE MOUNT CHANNEL

- Clear Polycarbonate (PC)
- 96" (**PPS-LP-CL-96**) or custom length (**PPS-LP-CL-FT**)
- For indoor/outdoor use
- Surface mounting
- Low profile mounting
- No wire way
- Can be mounted with or without PPS-BRACKET (**COVE FRIENDLY**)





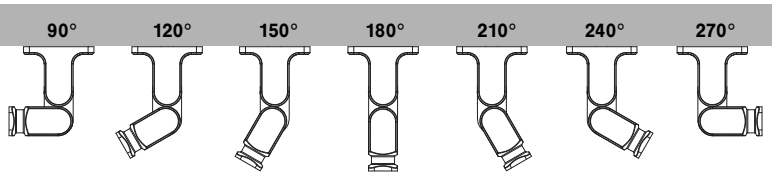
MOUNTING HARDWARE
- #8 Flat head screw (1 screw for every 16")
- 832 Silicone (sold separately)

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

Q-CAP LUME

Flexible Fixtures

Mounting Accessories

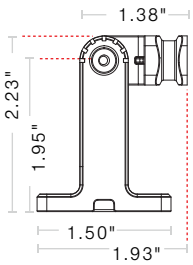


Q-ANGLE

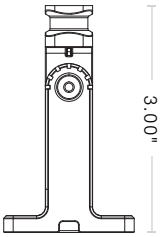
(Full ordering guide and installation available for this product in the accessories section of website)

- 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°

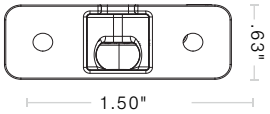
90° BACK VIEW



180° BACK VIEW

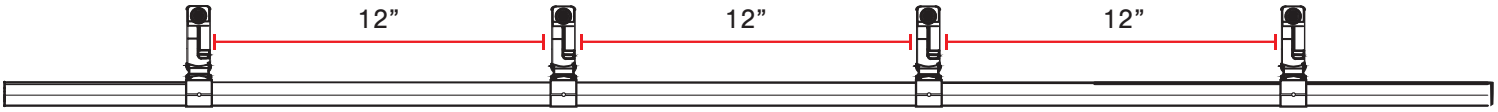


BASE; BOTTOM VIEW



MOUNTING HARDWARE

- White Snug 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

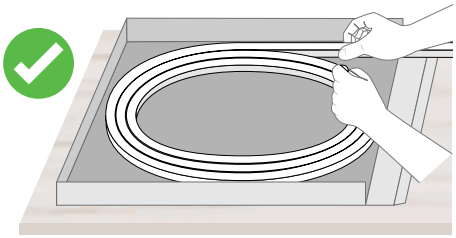
© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

LUME

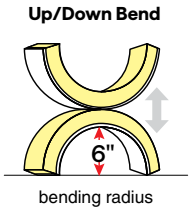
Q-CAP HANDLING INSTRUCTIONS

WARNING: FRAGILE

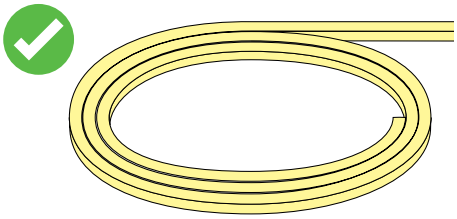
Flexible fixtures contain sensitive electronics, requiring careful handling and installation to preserve their warranty. When unpacking flexible fixtures, handle them gently and test all fixtures upon receiving.



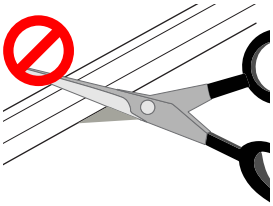
Keep the fixtures flat and supported when removing them from the box. Unroll them carefully on a flat surface and do not bend them against the intended bend direction.



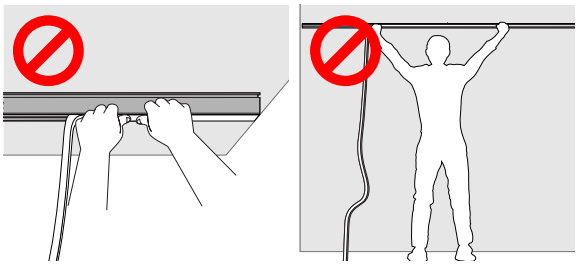
This LUME fixture can only be up and down bent. Do not bend the fixture more than a 6" radius.



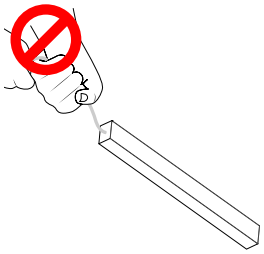
Powering the fixtures prior to installing will warm them up and make them more flexible, preventing damage.



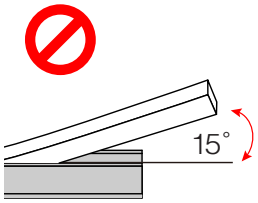
Only FC fixtures are field cuttable. Do not attempt to cut non-FC fixtures. Field modifications void warranty.



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



Do not grab or pull by the wire feeds.



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

MISHANDLING OF FIXTURES DURING INSTALLATION VOIDS WARRANTY

TEMPERATURE RATINGS

Static White & Static White HE	1.5 W/FT		1.5HE W/FT		3.0 W/FT		3.0HE W/FT		5.0 W/FT		6.0HE W/FT	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
Ambient Operating Temp - Surface	-4°F	130°F	-4°F	140°F	-4°F	125°F	-4°F	125°F	-4°F	105°F	-4°F	95°F
Storage Temp	-4°F	140°F	-4°F	140°F	-4°F	140°F	-4°F	140°F	-4°F	140°F	-4°F	140°F
Installation Temp	50°F	100°F	50°F	100°F	50°F	100°F	50°F	100°F	50°F	100°F	50°F	100°F

Static Color	5.0 W/FT	
	Min	Max
Ambient Operating Temp - Surface	-4°F	105°F
Storage Temp	-4°F	140°F
Installation Temp	50°F	100°F

Tunable & Warm Dim	DW 1.5HE W/FT		DW 2.5HE W/FT	
	Min	Max	Min	Max
Ambient Operating Temp - Surface	-4°F	140°F	-4°F	125°F
Storage Temp	-4°F	140°F	-4°F	140°F
Installation Temp	50°F	100°F	50°F	100°F

RGB	5.0 W/FT	
	Min	Max
Ambient Operating Temp - Surface	-14°F	90°F
Storage Temp	-4°F	140°F
Installation Temp	50°F	100°F

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

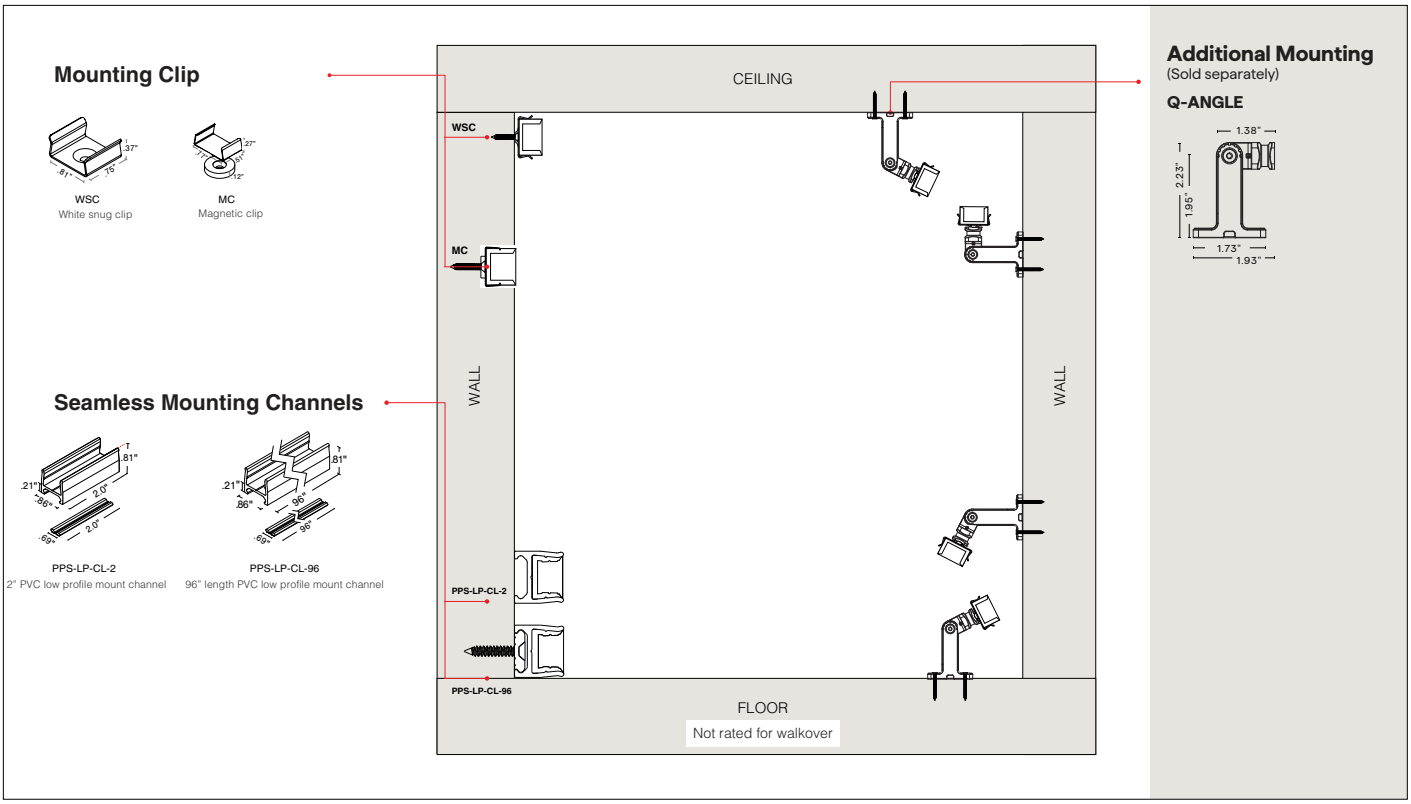
Q-CAP LUME-01

Q-CAP Flexible Fixtures Installation Instructions

ATTENTION: Please read all instructions BEFORE installation

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

METHODS OF INSTALLATION



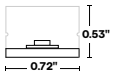
Mounting Method

- WSC (page 6)
- MC (page 7)
- PPS-LP-CL-2 (page 8)
- PPS-LP-CL-96 (page 9)

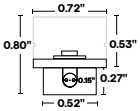
© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

Q-CAP LUME-01

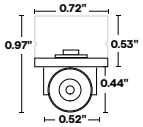
Q-CAP Flexible Fixtures Installation Instructions



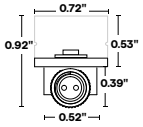
LUME Profile



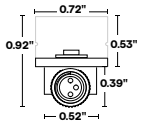
LUME Profile
(Seamless BW)



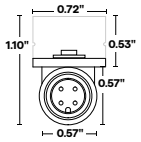
LUME Profile
(Seamless BRL)



LUME Profile
(Seamless CON24
SW, SC)



LUME Profile
(Seamless CON24
DW-HE)



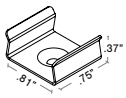
LUME Profile
(Seamless CON24
RGB)

COMPONENTS & HARDWARE

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

MOUNTING CLIP & MOUNTING CHANNEL

WSC



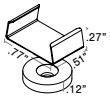
White snug clip

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

MC



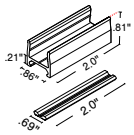
Magnetic clip
(Cove use only)

Included

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

SEAMLESS MOUNTING CLIP & SEAMLESS MOUNTING CHANNEL

PPS-LP-CL-2



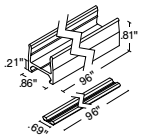
Low profile
PVC mounting clip

Included

- #8 flat head screw (one provided for each clip)
- No wireway

- Join two fixtures together
- PPS-LP-CL-2 kit quantity:
  (2 kits per ft) + 1.
  For example: 1 ft = (2 × 1) + 1 = 3
  PPS-LP-CL-2 kits provided.

PPS-LP-CL-96



Low profile
PVC channel

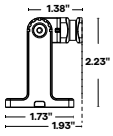
Included

- #8 flat head screw (1 screw for every 16")
- No wireway

- Support the fixtures

ACCESSORIES SOLD SEPARATELY

Q-ANGLE; sold in pairs



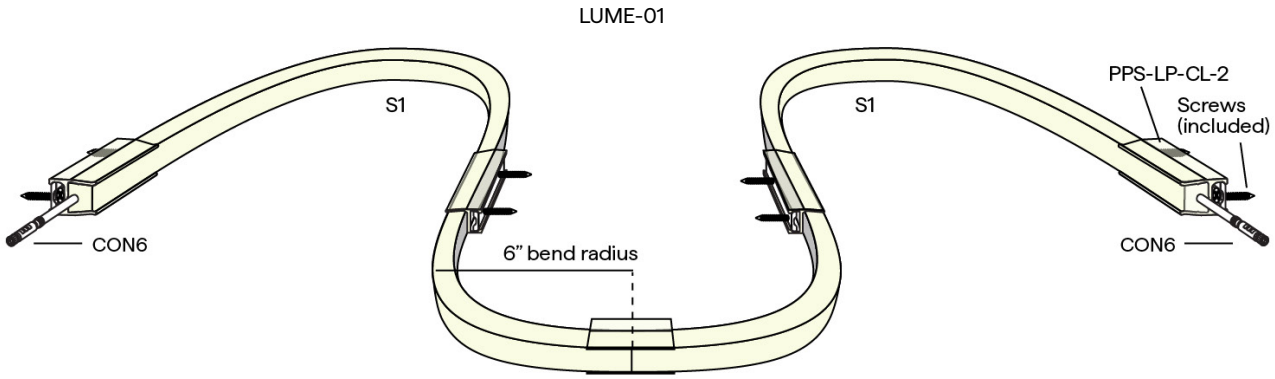
Q-ANGLE

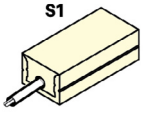
Included

- 4 SS #6×1.25" Flat head wood screws
- 2 SS 4-40 Flat head clip screws
- 2 SS 6-32 Fillister screws

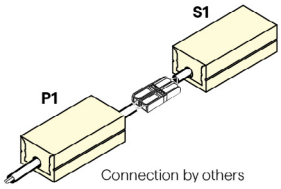
© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

CONFIGURATION OPTIONS

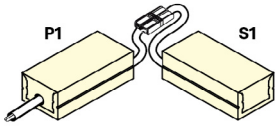




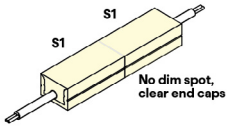
Single End Feed



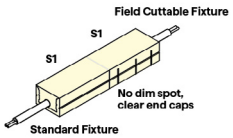
Non-Continuous End Feed



Non-Continuous Corner Feed



Continuous End to End Feed



Field Cuttable - Continuous End to End Feed

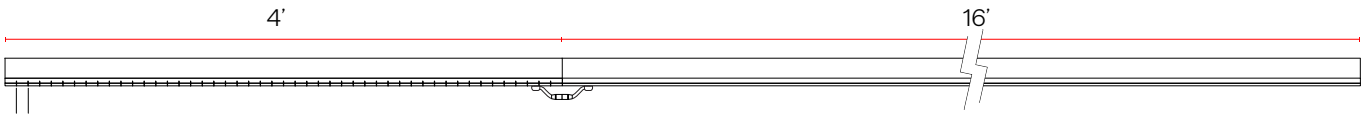
Review wire method to ensure clean installation prior to mounting finished fixture.

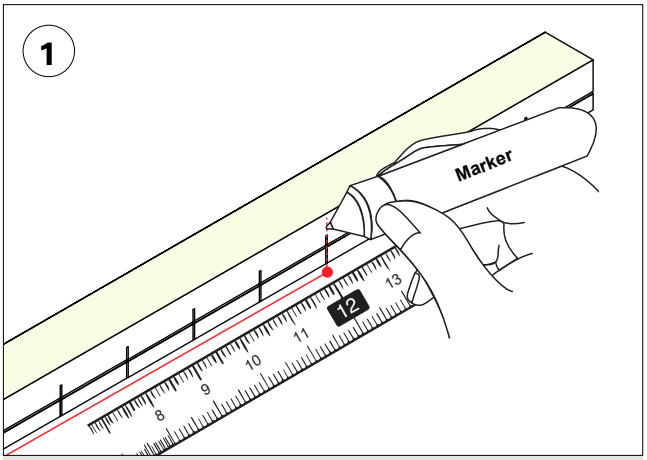
NOTE: Additional wire methods include:
S1: Connector/Wire Input only
P1: Connector/Wire Input and Output

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

FIELD CUTTABLE

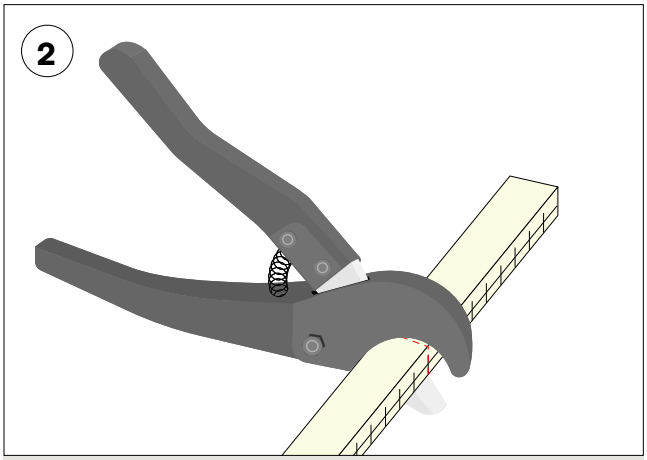
- Field cuttable fixtures are sold in 4' increments and go at the end of a run, allowing easy field adjustment
- Only FC fixtures are field cuttable - DO NOT CUT NON-FIELD CUTTABLE FIXTURES
- Do not attempt to cut while power is on





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).

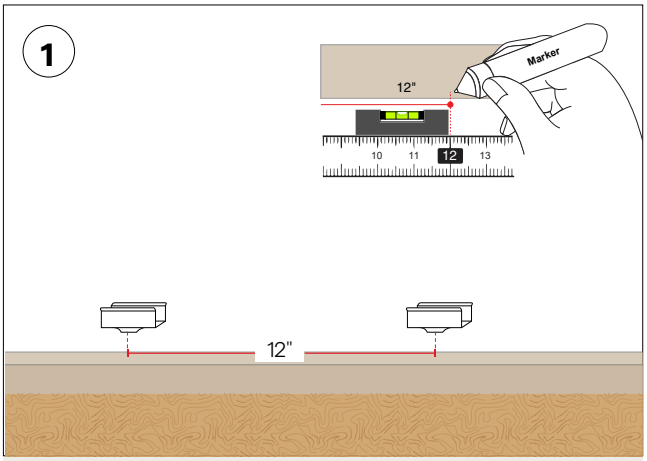
© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

Q-CAP LUME-01

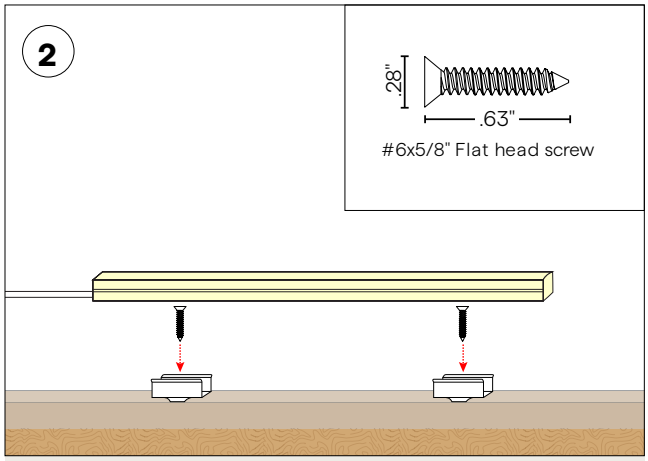
Q-CAP Flexible Fixtures Installation Instructions

SURFACE MOUNTING METHOD: **WHITE SNUG CLIP**

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

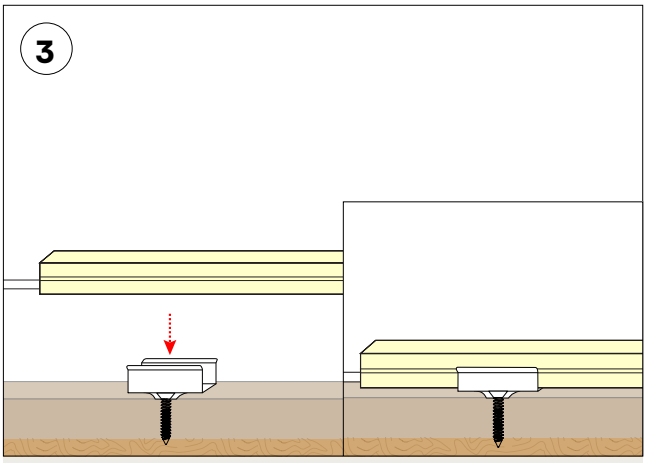


Determine the fixture(s) location and positioning on desired surface; evenly distribute clips. Make any necessary reference markings to indicate where each clip is to be secured in place. Recommended every 12".



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

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

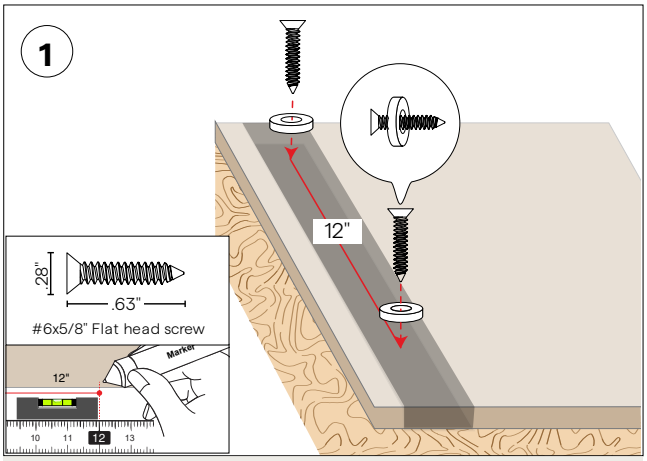


Snap fixture onto clips.

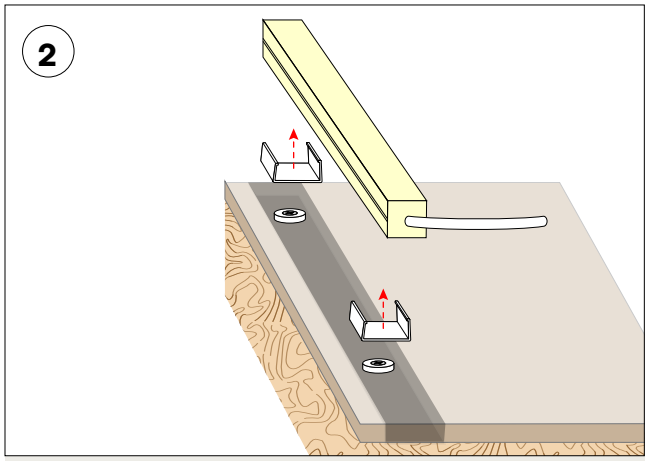
© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

MOUNTING METHOD: **MAGNETIC CLIP**

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

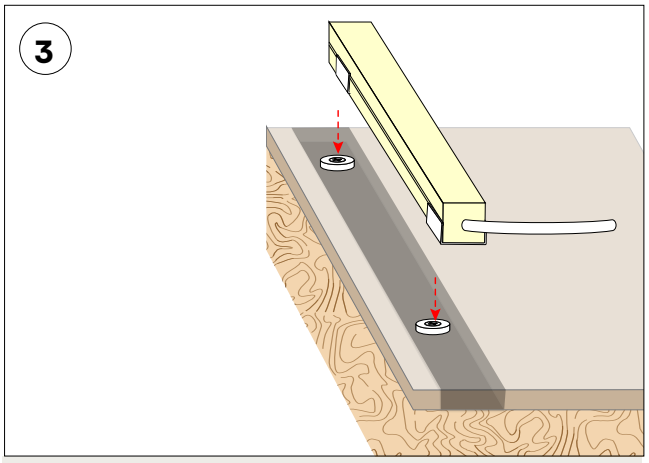


Determine the fixture(s) location and positioning on desired surface; evenly distribute clips. Make any necessary reference markings to indicate where each clip is to be secured in place. Recommended every 12".



Attach clips to fixture matching magnet distances.

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

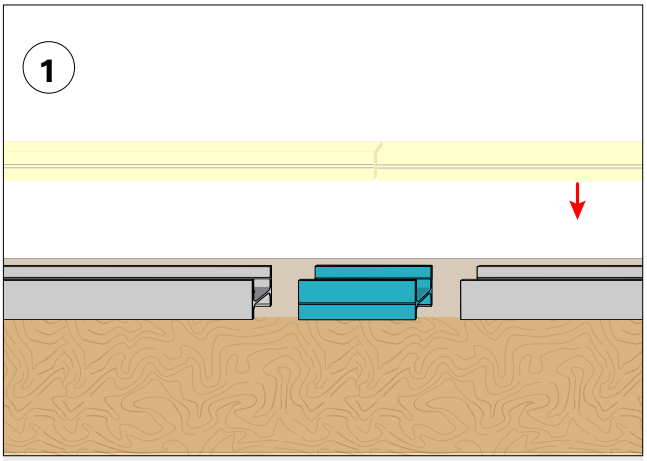


Align and snap fixture to magnetic rings.

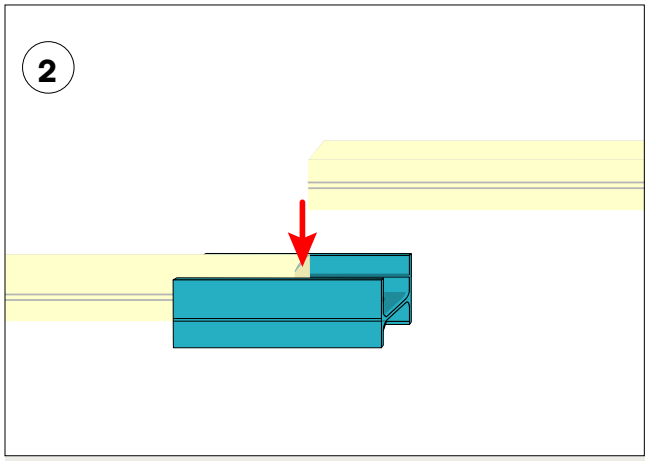
© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

SEAMLESS MOUNTING METHOD: **PPS-LP-CL-2**

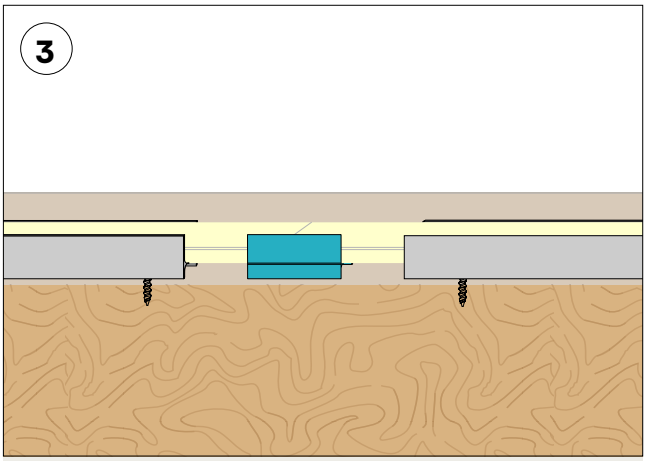
- Connects two fixtures, with no wire exit
- 2" low profile PVC mount channel



Snap in 2" channel.



Press fixture into mounted PPS channel.



Finished assembly for end feed mounting

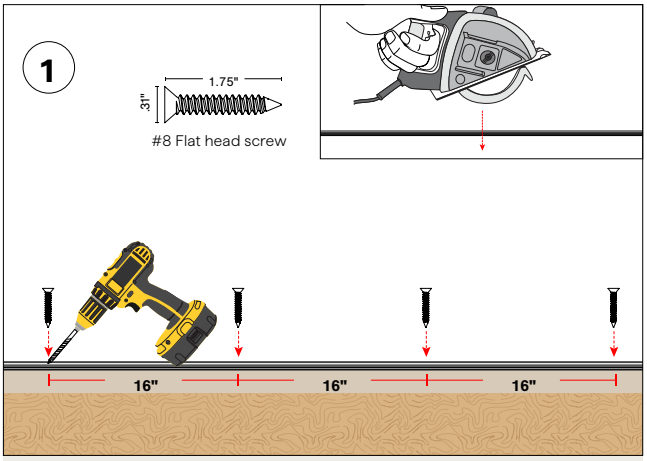
© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

Q-CAP LUME-01

Q-CAP Flexible Fixtures Installation Instructions

SEAMLESS MOUNTING METHOD: **PPS-LP-CL-96**

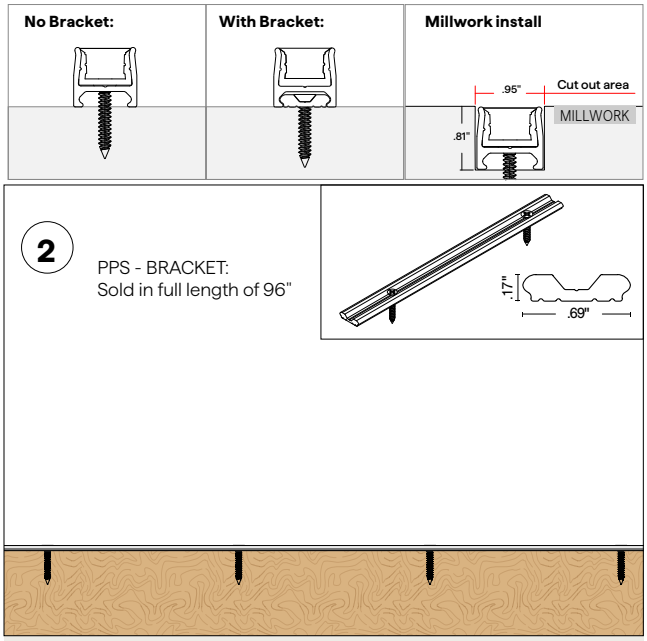
- Support two fixtures, without built-in wireway
- 96" (PPS-LP-CL-96) low profile PVC mount channel



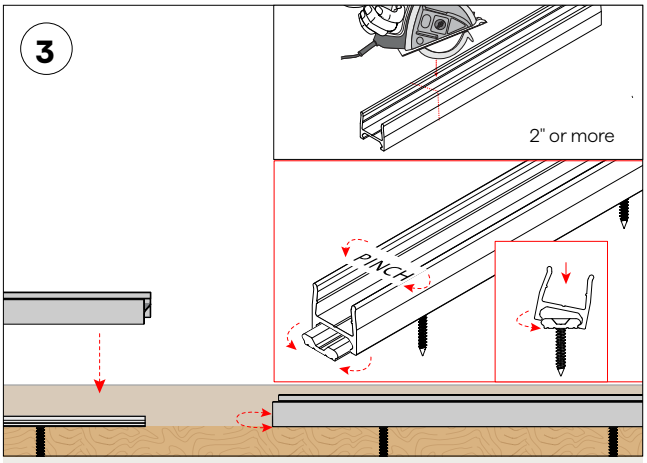
The PPS-BRACKET can be field cuttable and cut to whatever length your application requires. The PPS-BRACKET can be installed as a full length of 96", multiple smaller pieces, or end to end for longer seamless runs.

Using pre-drilled pilot holes screw the #8 flat head screws to mount the PPS-BRACKET (1 screw every 16").

NOTE: For drywall applications mount directly into a stud.



Using pre-drilled pilot holes, use the #8 flat head screws to mount the PPS-BRACKET.



To mount, pinch the upper half of the PPS-LP-CL-96 while you pivot it around one side of the PPS-BRACKET and push-in until you hear it snap into place. The PPS-LP-CL-96 flexes around the PPS-BRACKET to create a solid, and secure snap on connection.

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

Q-CAP LUME-SW(01)

Flexible Fixtures Color Data

LUME-01-SW-DRY-24-1.5-ENC/TL

2429 K

CRI: 92.1

CRI R9: 63.7

TM30 Rf: 91.6

TM30 Rg: 100.6

CQS: 88.0

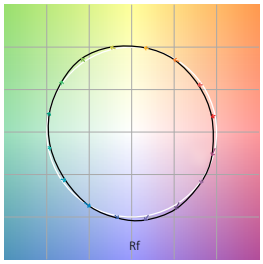
X: 0.486

Y: 0.418

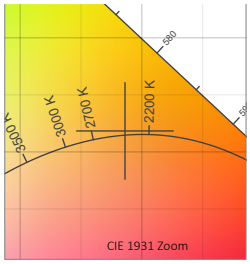
U: 0.276

V: 0.356

Δuv: 0.0012







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92.7	94.5	93.7	93.3	91.2	93.0	94.0	84.2	63.7	85.0	93.3	78.7	93.0	95.0	89.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
86.5	93.4	85.9	86.2	87.9	86.4	85.9	89.5	93.7	90.5	89.7	90.4	90.7	85.3	85.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
91.9	92.1	87.5	92.5	93.8	93.3	92.8	94.9	94.8	90.8	89.0	89.3	92.1	87.7	93.1	88.4

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

LUME-01-SW-DRY-24-3.0-ENC/TL

2418 K

CRI: 92.1

CRI R9: 62.4

TM30 Rf: 92.0

TM30 Rg: 99.7

CQS: 88.2

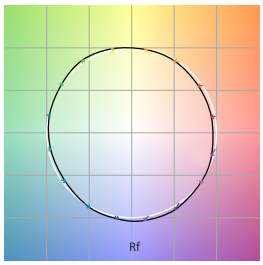
X: 0.488

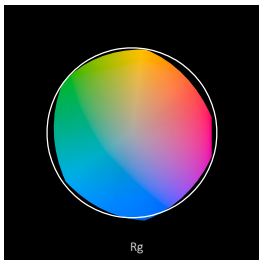
Y: 0.419

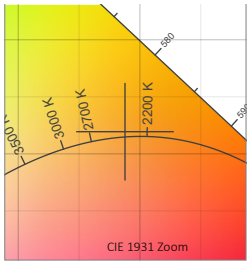
U: 0.276

V: 0.357

Δuv: 0.0015







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92.4	94.6	94.7	93.1	91.1	93.6	93.7	83.4	62.4	85.7	93.2	79.4	92.8	95.7	88.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
86.6	93.0	86.6	86.5	88.2	87.4	87.4	90.3	93.8	91.0	89.1	89.9	90.3	84.8	85.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
91.6	92.1	88.5	93.4	94.5	94.6	94.3	96.4	94.9	90.7	89.2	89.9	91.9	87.5	93.5	88.2

TM30			
Hue Bin	R_f	Chroma	Hue
1	92	-4%	-1%
2	92	-4%	2%
3	89	-2%	5%
4	93	-1%	3%
5	95	2%	4%
6	95	3%	1%
7	94	0%	-3%
8	96	-1%	-2%
9	95	-3%	0%
10	91	-3%	5%
11	89	1%	8%
12	90	3%	3%
13	92	4%	-6%
14	88	4%	-8%
15	93	0%	-4%
16	88	-3%	-8%

LUME-01-SW-DRY-24-5.0-ENC/TL

2402 K

CRI: 92.4

CRI R9: 63.8

TM30 Rf: 91.1

TM30 Rg: 101.6

CQS: 87.3

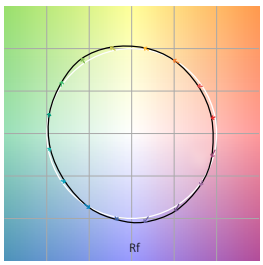
X: 0.486

Y: 0.414

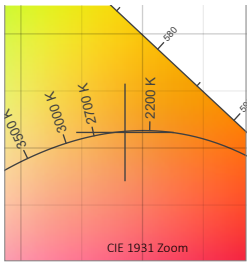
U: 0.278

V: 0.355

Δuv: -0.0004







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.1	95.5	95.0	92.9	91.9	94.5	92.9	83.5	63.8	87.2	93.1	82.8	93.7	95.8	89.6
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
85.3	92.9	85.5	85.9	87.9	86.0	83.8	87.1	94.3	89.6	89.5	89.7	90.1	85.7	85.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
91.6	91.7	85.9	91.3	93.0	91.8	91.1	93.5	94.8	91.6	89.8	89.3	91.3	86.9	92.3	88.5

TM30			
Hue Bin	R_f	Chroma	Hue
1	92	-4%	-1%
2	92	-4%	3%
3	86	-1%	7%
4	91	2%	5%
5	93	4%	5%
6	92	6%	0%
7	91	2%	-5%
8	94	0%	-4%
9	95	-3%	-1%
10	92	-3%	4%
11	90	0%	7%
12	89	3%	4%
13	91	5%	-6%
14	87	4%	-8%
15	92	1%	-5%
16	88	-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

Q-CAP LUME-SW(01)

Flexible Fixtures Color Data

LUME-01-SW-DRY-27-1.5-ENC/TL

2783 K

CRI: 96.6

CRI R9: 90.8

TM30 Rf: 94.0

TM30 Rg: 101.1

CQS: 93.5

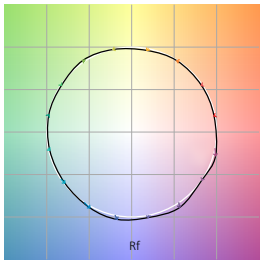
X: 0.455

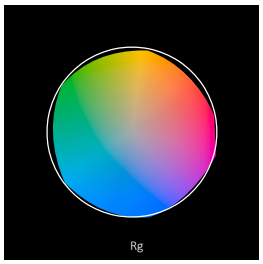
Y: 0.412

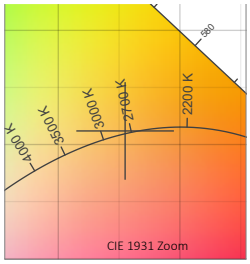
U: 0.259

V: 0.351

Δuv: 0.0009







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.9	96.7	93.1	97.9	96.4	94.8	98.7	97.2	90.8	90.4	97.3	79.1	97.4	95.1	97.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.2	97.1	88.6	89.6	93.3	93.3	91.6	95.0	95.3	94.4	94.8	95.8	96.5	95.6	95.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.3	97.2	94.4	94.1	94.5	96.2	94.3	98.3	95.7	90.4	88.5	90.9	96.1	92.9	95.4	89.7

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	0%
2	97	-1%	0%
3	94	-1%	2%
4	94	-2%	1%
5	95	0%	3%
6	96	2%	1%
7	94	-1%	0%
8	98	0%	-1%
9	96	-1%	2%
10	90	-1%	6%
11	89	2%	9%
12	91	4%	4%
13	96	3%	0%
14	93	5%	-3%
15	95	0%	-1%
16	90	2%	-8%

LUME-01-SW-DRY-27-3.0-ENC/TL

2776 K

CRI: 96.6

CRI R9: 90.5

TM30 Rf: 93.9

TM30 Rg: 101.5

CQS: 93.1

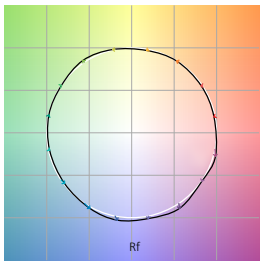
X: 0.454

Y: 0.409

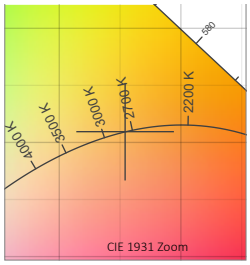
U: 0.259

V: 0.351

Δuv: 0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.9	97.0	93.3	97.5	96.5	95.1	98.4	96.8	90.5	90.8	96.9	80.3	97.6	95.2	97.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.4	97.1	88.2	89.2	93.1	92.8	90.5	94.1	95.4	93.8	94.6	95.8	96.6	95.5	95.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.4	97.0	93.6	94.2	94.5	95.6	94.6	97.6	96.3	91.3	88.7	90.8	95.8	92.8	95.7	90.0

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	0%
2	97	-1%	1%
3	94	0%	3%
4	94	-2%	2%
5	94	0%	3%
6	96	3%	0%
7	95	0%	0%
8	98	0%	-1%
9	96	-1%	1%
10	91	-1%	6%
11	89	1%	8%
12	91	4%	4%
13	96	3%	0%
14	93	5%	-3%
15	96	0%	-1%
16	90	2%	-8%

LUME-01-SW-DRY-27-5.0-ENC/TL

2719 K

CRI: 97.8

CRI R9: 95.7

TM30 Rf: 95.2

TM30 Rg: 102.7

CQS: 94.0

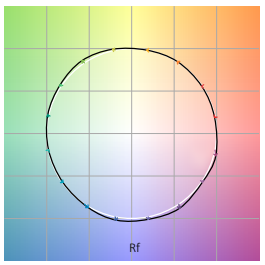
X: 0.458

Y: 0.408

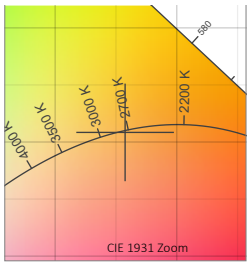
U: 0.262

V: 0.351

Δuv: -0.0006







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.7	98.3	93.8	97.2	99.3	97.4	98.3	98.9	95.7	94.1	95.6	86.7	99.7	95.4	99.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
96.0	97.0	90.2	92.4	95.2	92.3	90.4	94.6	95.6	94.4	95.7	96.8	97.5	96.5	96.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
97.6	98.3	95.0	95.3	95.1	94.2	95.6	96.1	97.6	95.1	92.1	92.5	95.9	94.0	96.1	91.8

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

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 LUME-SW(01)

Flexible Fixtures Color Data

LUME-01-SW-DRY-30-1.5-ENC/TL

3068 K

CRI: 94.7

CRI R9: 85.3

TM30 Rf: 92.8

TM30 Rg: 100.1

CQS: 92.8

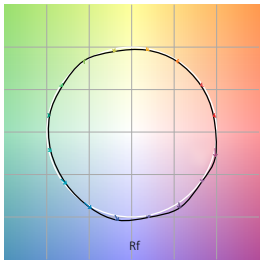
X: 0.436

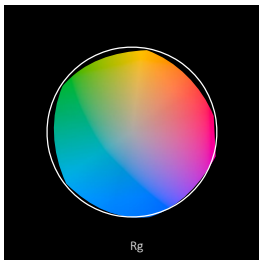
Y: 0.410

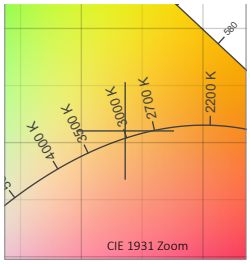
U: 0.247

V: 0.349

Δuv: 0.0026







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95.4	94.8	92.2	96.1	93.6	91.8	98.6	95.2	85.3	86.2	95.3	73.0	94.9	94.8	94.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
94.6	97.6	87.5	87.7	91.4	92.3	92.7	95.7	95.2	94.1	93.5	94.6	95.5	94.4	95.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.0	95.9	93.5	94.1	92.5	96.7	93.9	97.3	93.6	86.8	86.0	90.7	96.1	92.4	92.9	89.1

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-2%	0%
2	96	-2%	0%
3	93	-1%	3%
4	94	-2%	2%
5	93	-3%	2%
6	97	1%	1%
7	94	-2%	0%
8	97	-1%	0%
9	94	-2%	4%
10	87	-2%	8%
11	86	1%	10%
12	91	5%	4%
13	96	2%	0%
14	92	6%	-3%
15	93	1%	-3%
16	89	2%	-9%

LUME-01-SW-DRY-30-3.0-ENC/TL

3066 K

CRI: 94.6

CRI R9: 85.0

TM30 Rf: 93.0

TM30 Rg: 100.1

CQS: 92.7

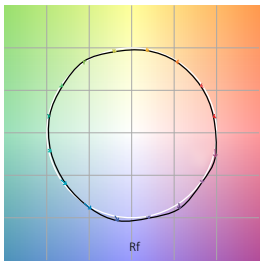
X: 0.436

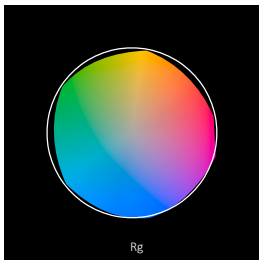
Y: 0.410

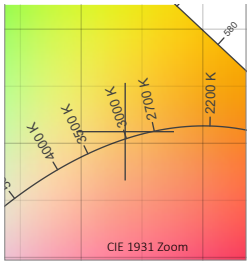
U: 0.247

V: 0.349

Δuv: 0.0025







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95.2	94.6	92.1	95.9	93.4	91.7	98.4	95.1	85.0	85.8	95.1	73.5	94.7	94.7	94.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
94.8	97.7	87.5	87.8	91.3	92.1	92.5	95.5	95.2	94.0	93.4	94.4	95.4	94.2	94.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.1	95.9	93.3	94.2	92.9	96.6	94.3	97.4	94.0	87.2	86.3	90.9	96.1	92.7	93.3	89.6

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-2%	0%
2	96	-2%	0%
3	93	-1%	3%
4	94	-2%	2%
5	93	-2%	2%
6	97	1%	1%
7	94	-2%	0%
8	97	-1%	0%
9	94	-2%	3%
10	87	-2%	7%
11	86	1%	10%
12	91	5%	4%
13	96	2%	0%
14	93	5%	-2%
15	93	1%	-3%
16	90	2%	-8%

LUME-01-SW-DRY-30-5.0-ENC/TL

3021 K

CRI: 95.4

CRI R9: 85.9

TM30 Rf: 93.6

TM30 Rg: 100.1

CQS: 93.2

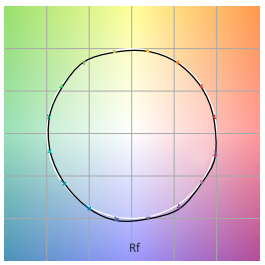
X: 0.438

Y: 0.408

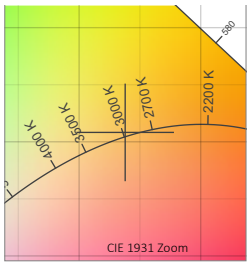
U: 0.249

V: 0.349

Δuv: 0.0015







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.3	95.9	93.0	96.6	94.6	93.4	98.6	95.2	85.9	88.2	95.8	77.2	96.0	95.2	95.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
94.8	97.5	88.4	88.6	92.0	93.0	92.7	95.4	95.5	94.3	94.3	95.4	96.1	94.6	94.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.5	96.3	93.9	94.7	93.4	96.8	94.6	97.7	94.5	88.3	87.8	91.0	96.2	93.1	93.7	90.5

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-2%	0%
2	96	-2%	1%
3	94	-1%	3%
4	95	-2%	2%
5	93	-2%	2%
6	97	1%	1%
7	95	-2%	0%
8	98	-1%	0%
9	94	-2%	3%
10	88	-2%	7%
11	88	1%	9%
12	91	4%	4%
13	96	2%	0%
14	93	5%	-3%
15	94	1%	-3%
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 LUME-SW(01)

Flexible Fixtures Color Data

LUME-01-SW-DRY-35-1.5-ENC/TL

3636 K

CRI: 97.9

CRI R9: 97.7

TM30 Rf: 93.0

TM30 Rg: 99.4

CQS: 95.8

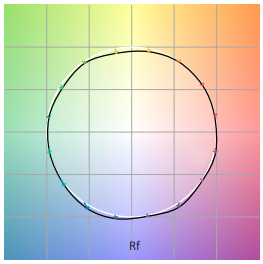
X: 0.399

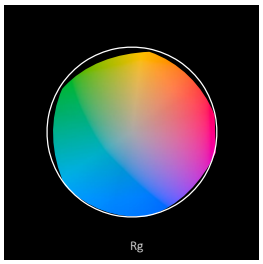
Y: 0.391

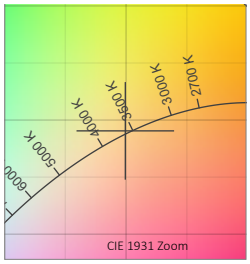
U: 0.232

V: 0.340

Δuv: 0.0013







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.1	98.9	95.6	98.8	97.5	96.6	98.5	98.1	97.7	95.5	98.6	76.1	99.3	96.8	97.2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
93.4	98.5	91.8	91.2	94.3	96.6	98.1	99.2	98.1	98.0	98.7	98.6	98.7	98.9	96.8

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95.2	97.5	96.6	93.4	91.9	96.2	93.1	95.0	91.7	87.6	88.1	92.6	96.1	93.0	91.5	90.8

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	0%
2	98	0%	-1%
3	97	0%	0%
4	93	-3%	-2%
5	92	-6%	0%
6	96	-2%	1%
7	93	-4%	3%
8	95	-1%	3%
9	92	-1%	6%
10	88	1%	9%
11	88	4%	7%
12	93	4%	2%
13	96	1%	-2%
14	93	4%	-3%
15	92	1%	-2%
16	91	2%	-5%

LUME-01-SW-DRY-35-3.0-ENC/TL

3617 K

CRI: 97.9

CRI R9: 95.9

TM30 Rf: 93.3

TM30 Rg: 99.5

CQS: 95.8

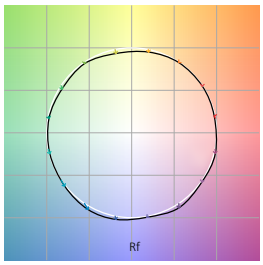
X: 0.400

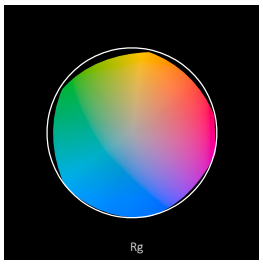
Y: 0.390

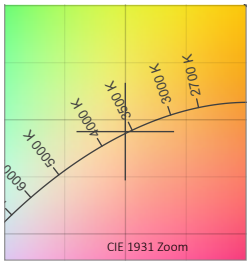
U: 0.233

V: 0.340

Δuv: 0.0008







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.1	98.9	95.7	98.7	97.4	96.6	98.7	98.0	95.9	95.2	98.4	77.1	99.4	96.8	97.4

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
93.9	98.6	91.5	91.0	94.2	96.6	97.6	98.8	98.1	98.2	98.6	99.2	99.3	98.7	97.0

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95.3	97.6	96.5	93.8	92.5	96.5	93.9	95.5	92.3	88.1	88.4	92.7	96.2	93.1	91.9	91.2

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	0%
2	98	0%	0%
3	97	0%	0%
4	94	-3%	-1%
5	92	-5%	0%
6	97	-1%	1%
7	94	-3%	3%
8	95	-1%	3%
9	92	-1%	5%
10	88	0%	8%
11	88	4%	7%
12	93	4%	2%
13	96	1%	-2%
14	93	4%	-3%
15	92	1%	-2%
16	91	1%	-4%

LUME-01-SW-DRY-35-5.0-ENC/TL

3545 K

CRI: 98.2

CRI R9: 98.8

TM30 Rf: 93.5

TM30 Rg: 99.9

CQS: 96.0

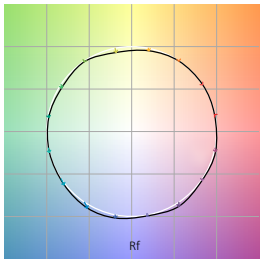
X: 0.403

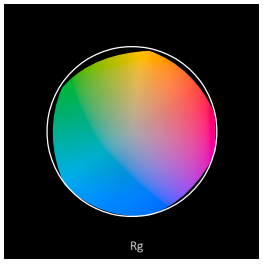
Y: 0.388

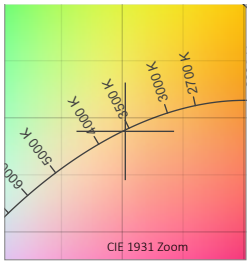
U: 0.235

V: 0.340

Δuv: -0.0005







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.4	99.8	96.3	99.3	98.1	97.1	98.5	98.2	98.8	97.8	98.3	78.9	98.7	97.0	97.2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
94.0	98.6	92.0	91.5	94.6	97.3	97.7	98.9	98.1	98.5	98.9	99.8	99.4	98.2	96.8

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95.4	97.5	96.8	94.0	92.6	97.2	93.5	95.5	92.4	88.6	89.0	93.0	96.1	93.4	92.1	91.6

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	0%	1%
2	98	0%	-1%
3	97	0%	0%
4	94	-3%	-1%
5	93	-5%	0%
6	97	-1%	1%
7	93	-3%	3%
8	96	-1%	3%
9	92	0%	5%
10	89	1%	8%
11	89	4%	7%
12	93	4%	1%
13	96	1%	-2%
14	93	4%	-3%
15	92	1%	-2%
16	92	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 LUME-SW(01)

Flexible Fixtures Color Data

LUME-01-SW-DRY-40-1.5-ENC/TL

3778 K

CRI: 97.3

CRI R9: 95.5

TM30 Rf: 91.6

TM30 Rg: 98.4

CQS: 94.8

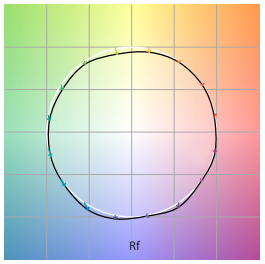
X: 0.391

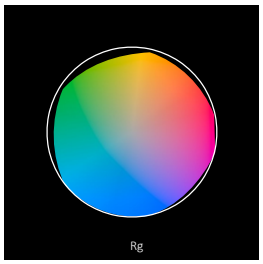
Y: 0.384

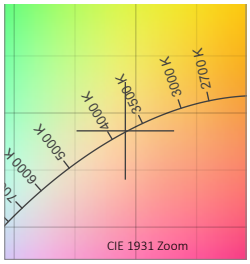
U: 0.229

V: 0.338

Δuv: 0.0005







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.6	99.6	97.4	96.5	96.4	96.5	96.9	96.4	95.5	96.8	97.8	73.7	99.3	97.8	96.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.5	97.6	91.2	89.2	91.7	94.0	98.0	98.4	98.6	98.4	98.6	99.4	99.8	98.2	95.8
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
93.8	96.7	96.3	92.2	90.5	95.1	92.1	91.0	87.7	86.6	87.0	92.2	95.2	92.0	90.4	89.8

TM30			
Hue Bin	R_f	Chroma	Hue
1	94	-1%	1%
2	97	0%	0%
3	96	-1%	0%
4	92	-4%	-2%
5	91	-7%	-1%
6	95	-3%	1%
7	92	-4%	3%
8	91	-2%	5%
9	88	-1%	9%
10	87	0%	9%
11	87	5%	8%
12	92	4%	1%
13	95	1%	-3%
14	92	4%	-4%
15	90	0%	-3%
16	90	1%	-5%

LUME-01-SW-DRY-40-3.0-ENC/TL

3762 K

CRI: 97.1

CRI R9: 94.0

TM30 Rf: 91.3

TM30 Rg: 98.2

CQS: 94.5

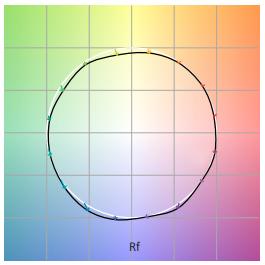
X: 0.392

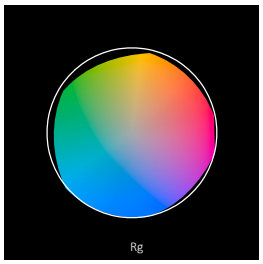
Y: 0.384

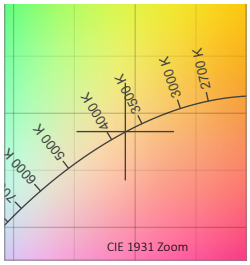
U: 0.230

V: 0.338

Δuv: 0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.5	99.8	97.6	96.0	96.2	96.4	96.4	95.8	94.0	97.0	97.0	73.8	99.3	97.9	96.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.2	97.4	91.1	88.6	91.0	93.2	97.7	98.1	98.7	98.5	98.2	99.1	99.5	97.8	95.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
93.4	96.4	96.2	91.9	90.3	94.8	90.3	92.5	88.8	84.5	86.8	92.2	94.9	91.8	90.1	89.6

TM30			
Hue Bin	R_f	Chroma	Hue
1	93	-1%	1%
2	96	0%	0%
3	96	-1%	0%
4	92	-4%	-2%
5	90	-7%	-1%
6	95	-3%	1%
7	90	-5%	4%
8	92	-2%	4%
9	89	-1%	8%
10	84	1%	11%
11	87	5%	8%
12	92	4%	1%
13	95	0%	-3%
14	92	4%	-4%
15	90	0%	-3%
16	90	1%	-5%

LUME-01-SW-DRY-40-5.0-ENC/TL

3781 K

CRI: 97.3

CRI R9: 96.0

TM30 Rf: 91.7

TM30 Rg: 98.2

CQS: 94.9

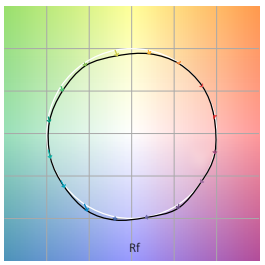
X: 0.391

Y: 0.383

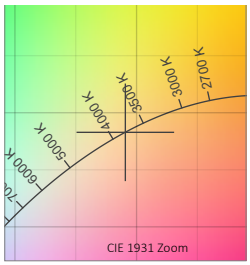
U: 0.229

V: 0.337

Δuv: 0.0001







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.6	99.5	98.0	96.4	96.6	96.8	96.2	96.2	96.0	98.5	98.1	75.7	99.1	98.1	96.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.3	97.1	92.3	89.8	91.6	93.7	98.4	98.6	98.8	98.8	98.9	99.8	99.9	97.9	95.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
93.8	96.6	96.5	92.2	90.5	94.8	91.8	90.6	87.6	86.8	87.9	92.8	94.8	92.4	90.6	90.2

TM30			
Hue Bin	R_f	Chroma	Hue
1	94	-1%	1%
2	97	0%	0%
3	97	-1%	-1%
4	92	-4%	-3%
5	90	-7%	-1%
6	95	-3%	1%
7	92	-4%	3%
8	91	-2%	5%
9	88	-1%	9%
10	87	1%	8%
11	88	5%	7%
12	93	4%	0%
13	95	0%	-3%
14	92	3%	-4%
15	91	0%	-2%
16	90	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 LUME-SW-HE(01)

Flexible Fixtures Color Data

LUME-01-SW-DRY-24-1.5HE-ENC/TL

2430 K

CRI: 93.0

CRI R9: 67.9

TM30 Rf: 92.3

TM30 Rg: 100.4

CQS: 88.7

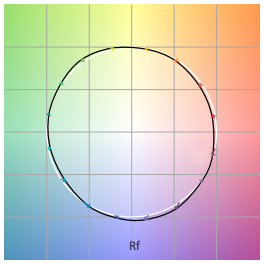
X: 0.487

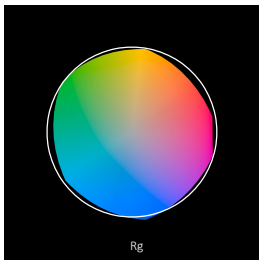
Y: 0.420

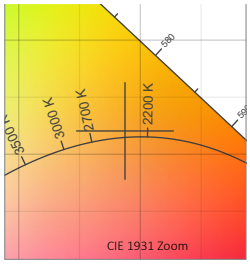
U: 0.276

V: 0.357

Δuv: 0.0019







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.8	94.7	92.8	94.9	92.3	93.4	95.3	86.5	67.9	85.4	95.3	78.0	93.9	94.5	90.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
87.9	93.5	86.5	87.2	88.8	87.4	87.5	91.3	93.2	90.8	88.2	89.7	90.9	86.2	87.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
92.8	93.3	89.7	93.4	94.1	94.1	94.4	96.4	95.4	91.2	89.1	89.8	92.5	88.3	94.1	88.4

TM30			
Hue Bin	R_f	Chroma	Hue
1	93	-4%	-1%
2	93	-4%	2%
3	90	-2%	5%
4	93	-1%	3%
5	94	1%	4%
6	94	4%	2%
7	94	1%	-3%
8	96	0%	-2%
9	95	-2%	0%
10	91	-3%	4%
11	89	1%	8%
12	90	3%	4%
13	93	4%	-5%
14	88	4%	-7%
15	94	1%	-4%
16	88	-1%	-9%

LUME-01-SW-DRY-24-3.0HE-ENC/TL

2442 K

CRI: 93.2

CRI R9: 67.9

TM30 Rf: 92.4

TM30 Rg: 100.9

CQS: 89.0

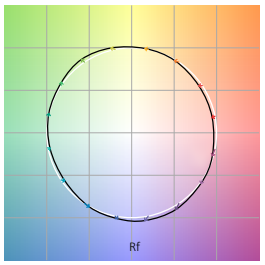
X: 0.485

Y: 0.418

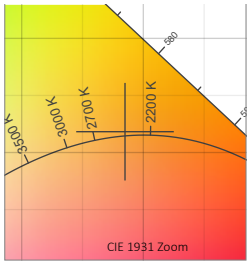
U: 0.275

V: 0.356

Δuv: 0.0012







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94.1	95.1	93.7	95.0	92.8	94.2	94.8	86.3	67.9	86.6	95.6	80.8	94.3	95.1	90.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
87.4	93.6	87.0	88.0	89.1	87.2	86.9	90.6	93.9	91.2	90.4	91.4	91.8	86.7	86.8
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
92.9	93.2	89.1	93.2	94.2	93.2	93.2	95.3	95.5	92.4	90.5	90.1	92.4	88.5	93.7	89.2

TM30			
Hue Bin	R_f	Chroma	Hue
1	93	-4%	-1%
2	93	-4%	2%
3	89	-1%	5%
4	93	0%	4%
5	94	3%	4%
6	93	5%	1%
7	93	2%	-4%
8	95	0%	-3%
9	96	-2%	-1%
10	92	-3%	3%
11	90	0%	7%
12	90	2%	4%
13	92	4%	-5%
14	88	4%	-7%
15	94	1%	-4%
16	89	-2%	-8%

LUME-01-SW-DRY-24-6.0HE-ENC/TL

2398 K

CRI: 93.0

CRI R9: 66.8

TM30 Rf: 91.5

TM30 Rg: 101.7

CQS: 87.9

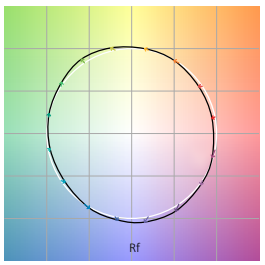
X: 0.487

Y: 0.415

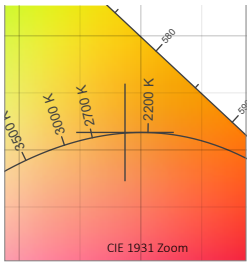
U: 0.278

V: 0.355

Δuv: 0.0003







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.9	95.5	94.2	94.1	92.6	94.5	93.9	85.2	66.8	87.2	94.5	81.5	94.3	95.3	90.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
86.3	93.0	85.6	86.3	88.4	86.2	84.3	88.1	93.9	90.0	90.5	90.9	91.1	86.4	86.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
92.3	92.7	87.2	92.1	93.4	92.2	92.0	94.2	95.3	91.6	89.3	89.2	91.5	87.0	92.9	88.0

TM30			
Hue Bin	R_f	Chroma	Hue
1	92	-4%	-1%
2	93	-4%	3%
3	87	-1%	6%
4	92	1%	4%
5	93	4%	5%
6	92	6%	1%
7	92	2%	-4%
8	94	0%	-4%
9	95	-2%	-1%
10	92	-3%	4%
11	89	1%	8%
12	89	3%	4%
13	92	5%	-5%
14	87	5%	-8%
15	93	1%	-5%
16	88	-2%	-9%

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 LUME-SW-HE(01)

Flexible Fixtures Color Data

LUME-01-SW-DRY-27-1.5HE-ENC/TL

2751 K

CRI: 97.0

CRI R9: 92.6

TM30 Rf: 94.2

TM30 Rg: 101.3

CQS: 93.6

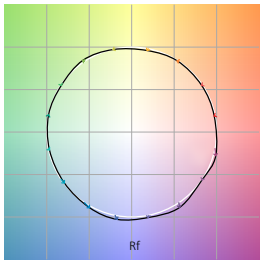
X: 0.457

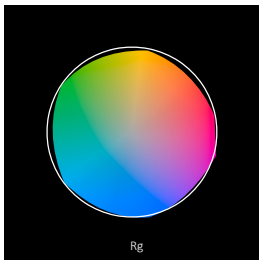
Y: 0.412

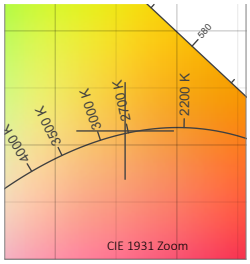
U: 0.260

V: 0.352

Δuv: 0.0009







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.5	97.0	92.9	98.3	97.1	95.3	98.8	98.0	92.6	91.1	97.3	79.7	98.1	95.0	97.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.2	97.0	88.8	90.1	93.8	93.5	91.6	95.2	95.1	94.5	95.0	96.0	96.7	96.0	96.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.7	97.5	94.8	94.3	94.5	96.1	94.2	98.4	96.3	91.3	88.9	91.1	96.2	93.0	95.4	89.8

TM30			
Hue Bin	R_f	Chroma	Hue
1	97	-1%	0%
2	98	-1%	0%
3	95	0%	2%
4	94	-2%	1%
5	95	0%	3%
6	96	2%	1%
7	94	-1%	0%
8	98	0%	-1%
9	96	-1%	2%
10	91	-1%	6%
11	89	2%	8%
12	91	4%	3%
13	96	2%	0%
14	93	5%	-3%
15	95	0%	-1%
16	90	3%	-8%

LUME-01-SW-DRY-27-3.0HE-ENC/TL

2730 K

CRI: 97.2

CRI R9: 93.0

TM30 Rf: 94.6

TM30 Rg: 101.7

CQS: 93.5

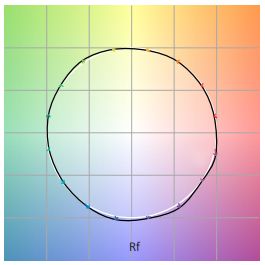
X: 0.458

Y: 0.410

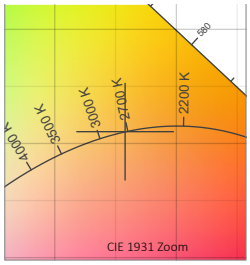
U: 0.261

V: 0.351

Δuv: 0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.8	97.5	93.3	98.1	97.5	96.0	98.7	98.0	93.0	91.9	97.2	82.2	98.5	95.1	98.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.6	96.9	89.0	90.3	93.9	93.2	90.7	94.4	95.2	94.1	95.2	96.4	97.1	96.0	95.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
97.1	97.6	94.5	94.8	94.7	95.3	95.5	97.6	97.0	92.5	90.0	91.8	96.1	93.7	95.9	91.2

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

LUME-01-SW-DRY-27-6.0HE-ENC/TL

2721 K

CRI: 97.0

CRI R9: 91.4

TM30 Rf: 94.5

TM30 Rg: 101.6

CQS: 93.4

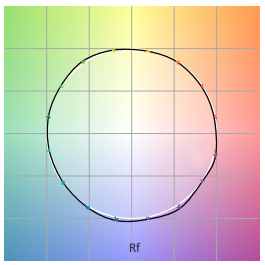
X: 0.458

Y: 0.410

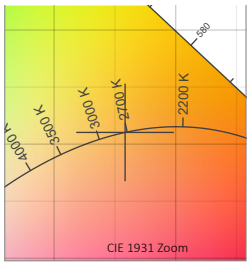
U: 0.262

V: 0.351

Δuv: 0.0001







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.5	97.4	93.7	97.9	97.3	96.0	98.5	97.1	91.4	91.9	97.3	82.8	98.2	95.3	97.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.3	96.8	89.1	90.2	93.7	93.1	90.7	94.2	95.4	94.0	94.9	96.1	96.8	95.6	95.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.7	97.3	94.3	94.7	94.8	95.4	95.6	97.8	96.8	92.3	89.9	91.6	95.8	93.2	95.9	90.6

TM30			
Hue Bin	R_f	Chroma	Hue
1	97	-1%	0%
2	97	-1%	1%
3	94	0%	3%
4	95	-1%	1%
5	95	1%	3%
6	95	3%	1%
7	96	0%	-1%
8	98	0%	-1%
9	97	-1%	1%
10	92	-1%	5%
11	90	1%	8%
12	92	4%	3%
13	96	3%	-1%
14	93	5%	-3%
15	96	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 LUME-SW-HE(01)

Flexible Fixtures Color Data

LUME-01-SW-DRY-30-1.5HE-ENC/TL

3089 K

CRI: 94.8

CRI R9: 86.5

TM30 Rf: 93.1

TM30 Rg: 100.4

CQS: 92.9

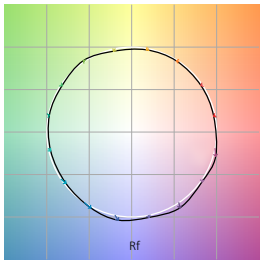
X: 0.435

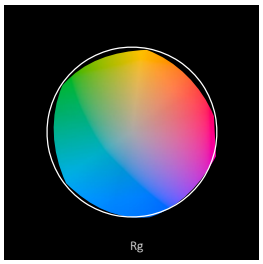
Y: 0.410

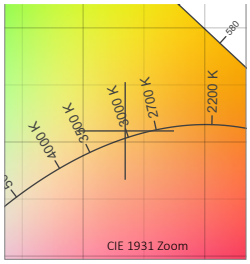
U: 0.247

V: 0.349

Δuv: 0.0026







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95.7	94.7	91.8	96.5	93.9	91.8	98.3	95.9	86.5	86.1	95.7	73.1	95.1	94.6	94.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.1	97.7	87.4	88.2	91.9	92.5	92.4	95.8	95.1	94.1	93.6	94.7	95.7	94.7	95.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.4	96.2	93.5	94.3	92.7	96.4	94.2	97.7	94.2	87.6	86.2	90.6	96.0	92.5	93.1	89.2

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-2%	0%
2	96	-2%	0%
3	94	-1%	3%
4	94	-2%	2%
5	93	-3%	2%
6	96	2%	1%
7	94	-2%	0%
8	98	-1%	-1%
9	94	-2%	3%
10	88	-2%	7%
11	86	1%	10%
12	91	5%	5%
13	96	3%	1%
14	93	6%	-2%
15	93	1%	-3%
16	89	3%	-9%

LUME-01-SW-DRY-30-3.0HE-ENC/TL

3061 K

CRI: 94.9

CRI R9: 86.1

TM30 Rf: 93.1

TM30 Rg: 100.4

CQS: 92.9

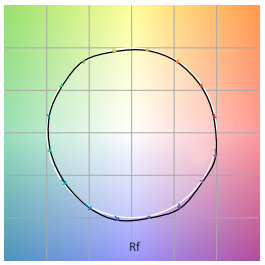
X: 0.436

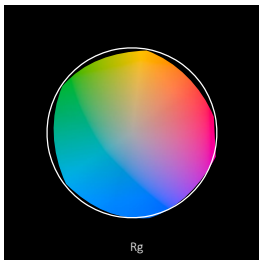
Y: 0.410

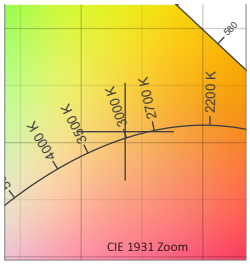
U: 0.248

V: 0.349

Δuv: 0.0023







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95.8	94.9	92.0	96.5	94.0	92.1	98.4	95.6	86.1	86.4	95.8	73.5	95.3	94.7	94.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.0	97.7	87.4	88.1	91.9	92.5	92.2	95.6	95.2	94.1	93.8	94.8	95.8	94.6	95.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.4	96.1	93.4	94.4	92.8	96.4	94.2	97.7	94.4	87.7	86.6	89.8	96.0	92.6	93.2	89.5

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-2%	0%
2	96	-2%	0%
3	93	-1%	3%
4	94	-2%	2%
5	93	-2%	3%
6	96	2%	1%
7	94	-1%	0%
8	98	-1%	-1%
9	94	-2%	3%
10	88	-2%	7%
11	87	1%	10%
12	90	4%	5%
13	96	3%	0%
14	93	6%	-2%
15	93	1%	-3%
16	89	2%	-8%

LUME-01-SW-DRY-30-6.0HE-ENC/TL

3008 K

CRI: 95.2

CRI R9: 87.0

TM30 Rf: 93.2

TM30 Rg: 100.9

CQS: 92.8

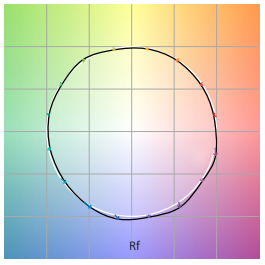
X: 0.439

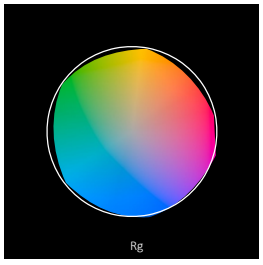
Y: 0.408

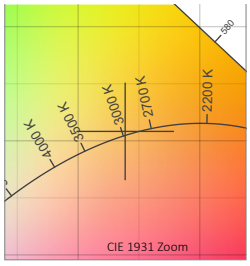
U: 0.250

V: 0.349

Δuv: 0.0014







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.2	95.3	92.3	96.5	94.5	92.6	98.2	95.8	87.0	87.3	95.8	75.3	95.7	94.8	95.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.3	97.6	87.2	88.1	91.9	92.4	91.3	94.9	95.2	93.7	94.1	95.2	96.1	94.8	95.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.6	96.2	93.0	94.5	93.0	96.0	94.4	97.6	95.0	88.9	86.8	89.7	95.8	92.5	93.4	89.6

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-2%	0%
2	96	-2%	1%
3	93	-1%	3%
4	94	-1%	2%
5	93	-2%	3%
6	96	2%	0%
7	94	-1%	0%
8	98	-1%	-1%
9	95	-2%	2%
10	89	-2%	7%
11	87	1%	10%
12	90	4%	5%
13	96	3%	0%
14	92	6%	-2%
15	93	2%	-3%
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 LUME-SW-HE(01)

Flexible Fixtures Color Data

LUME-01-SW-DRY-35-1.5HE-ENC/TL

3603 K

CRI: 96.9

CRI R9: 95.4

TM30 Rf: 91.2

TM30 Rg: 97.3

CQS: 94.4

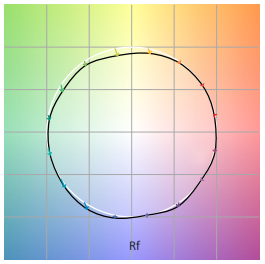
X: 0.404

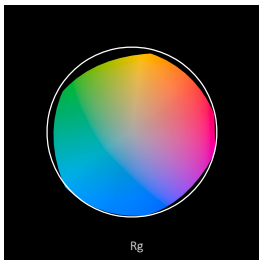
Y: 0.400

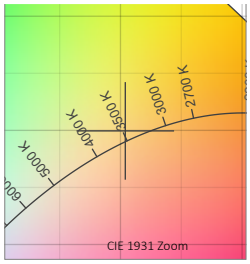
U: 0.231

V: 0.343

Δuv: 0.0041







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.7	98.2	96.3	96.1	96.2	96.9	96.4	96.3	95.4	94.7	98.3	73.8	98.3	97.2	95.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
89.9	95.7	94.0	91.9	92.7	93.5	97.3	97.5	94.7	92.7	95.7	95.9	97.0	99.2	95.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.0	96.4	95.4	90.9	88.8	93.1	89.0	91.9	88.9	85.3	88.4	93.2	95.0	92.6	90.3	90.1

TM30			
Hue Bin	R_f	Chroma	Hue
1	94	-1%	1%
2	96	0%	-1%
3	95	-1%	-2%
4	91	-5%	-3%
5	89	-9%	-1%
6	93	-5%	2%
7	89	-6%	5%
8	92	-2%	5%
9	89	-1%	8%
10	85	1%	10%
11	88	4%	7%
12	93	3%	0%
13	95	-1%	-3%
14	93	3%	-4%
15	90	0%	-2%
16	90	1%	-4%

LUME-01-SW-DRY-35-3.0HE-ENC/TL

3587 K

CRI: 96.9

CRI R9: 94.9

TM30 Rf: 91.5

TM30 Rg: 97.3

CQS: 94.5

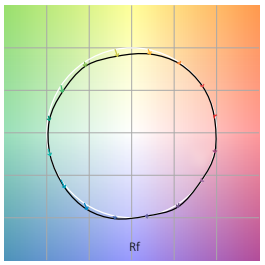
X: 0.405

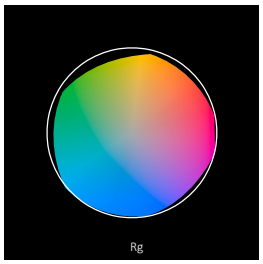
Y: 0.400

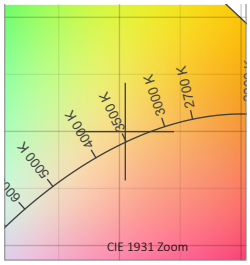
U: 0.232

V: 0.343

Δuv: 0.0041







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.7	98.2	96.2	96.2	96.2	97.1	96.5	96.3	94.9	94.6	98.3	74.7	98.3	97.2	95.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.2	95.7	94.2	92.1	92.9	93.6	97.3	97.5	94.8	92.9	95.7	96.0	97.1	99.2	95.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.0	96.6	95.5	91.2	89.2	93.3	89.3	92.1	89.3	85.7	88.9	93.5	95.1	92.8	90.6	90.4

TM30			
Hue Bin	R_f	Chroma	Hue
1	94	-1%	1%
2	97	0%	-1%
3	96	-1%	-2%
4	91	-5%	-3%
5	89	-8%	-1%
6	93	-5%	2%
7	89	-6%	5%
8	92	-2%	5%
9	89	-1%	7%
10	86	1%	10%
11	89	4%	7%
12	93	3%	0%
13	95	-1%	-3%
14	93	3%	-4%
15	91	-1%	-2%
16	90	1%	-4%

LUME-01-SW-DRY-35-6.0HE-ENC/TL

3601 K

CRI: 97.3

CRI R9: 97.0

TM30 Rf: 91.4

TM30 Rg: 97.5

CQS: 94.8

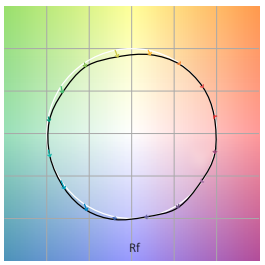
X: 0.402

Y: 0.395

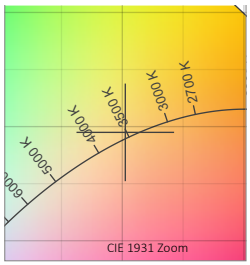
U: 0.232

V: 0.342

Δuv: 0.0025







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.9	99.2	97.3	96.3	96.7	97.7	96.2	96.3	97.0	97.1	98.8	75.9	98.8	97.6	96.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.2	95.8	94.2	91.9	92.5	93.5	98.1	98.6	96.0	94.8	97.4	97.3	97.9	98.6	95.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
93.9	96.5	95.7	91.2	89.2	93.4	89.2	92.0	88.9	85.5	88.8	93.2	94.6	92.7	90.5	90.3

TM30			
Hue Bin	R_f	Chroma	Hue
1	94	-1%	1%
2	97	0%	-1%
3	96	-1%	-2%
4	91	-5%	-3%
5	89	-8%	-1%
6	93	-5%	2%
7	89	-6%	5%
8	92	-2%	5%
9	89	0%	8%
10	85	2%	10%
11	89	5%	6%
12	93	3%	0%
13	95	0%	-4%
14	93	3%	-4%
15	90	-1%	-2%
16	90	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 LUME-SW-HE(01)

Flexible Fixtures Color Data

LUME-01-SW-DRY-40-1.5HE-ENC/TL

4239 K

CRI: 97.3

CRI R9: 98.2

TM30 Rf: 92.0

TM30 Rg: 99.4

CQS: 94.4

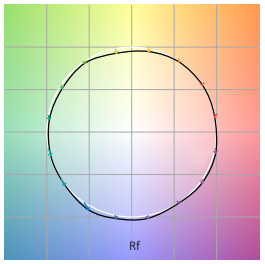
X: 0.371

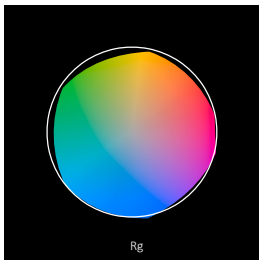
Y: 0.371

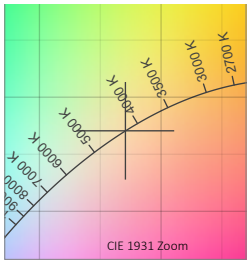
U: 0.221

V: 0.332

Δuv: 0.0001







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.5	99.5	96.0	97.4	96.5	95.6	97.6	97.2	98.2	96.3	97.9	70.9	99.1	97.1	95.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.2	98.4	89.4	87.8	91.6	94.5	97.6	98.5	97.7	98.1	98.2	99.6	99.5	98.4	96.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.4	96.8	96.0	92.6	91.1	95.9	93.5	92.3	88.7	86.6	86.1	93.2	94.0	94.8	89.8	89.9

TM30			
Hue Bin	R_f	Chroma	Hue
1	94	-1%	1%
2	97	0%	0%
3	96	0%	0%
4	93	-3%	-1%
5	91	-6%	-1%
6	96	-2%	1%
7	94	-4%	2%
8	92	-2%	4%
9	89	-1%	9%
10	87	0%	9%
11	86	4%	9%
12	93	3%	2%
13	94	3%	-2%
14	95	0%	0%
15	90	2%	-4%
16	90	2%	-5%

LUME-01-SW-DRY-40-3.0HE-ENC/TL

4218 K

CRI: 97.1

CRI R9: 98.5

TM30 Rf: 91.7

TM30 Rg: 99.1

CQS: 94.3

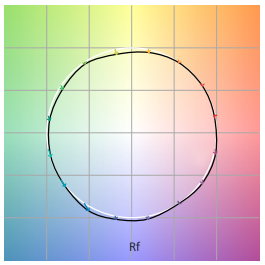
X: 0.372

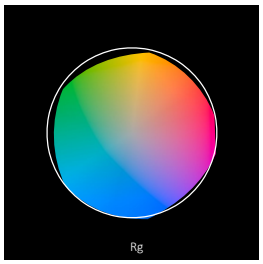
Y: 0.371

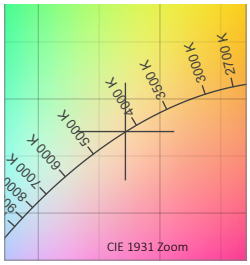
U: 0.221

V: 0.332

Δuv: 0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.5	99.5	96.2	96.8	96.2	95.5	97.4	97.1	98.5	96.2	97.5	70.3	99.1	97.2	95.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.8	98.2	89.4	87.5	91.1	93.9	97.6	98.4	97.9	98.2	98.1	99.5	99.6	98.4	96.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.2	96.6	95.9	92.3	90.8	95.7	92.9	91.7	88.1	86.1	85.9	93.2	93.8	94.6	89.5	89.7

TM30			
Hue Bin	R_f	Chroma	Hue
1	94	-1%	1%
2	97	0%	0%
3	96	-1%	0%
4	92	-3%	-2%
5	91	-6%	-1%
6	96	-2%	1%
7	93	-4%	3%
8	92	-2%	5%
9	88	-1%	9%
10	86	0%	9%
11	86	4%	9%
12	93	3%	2%
13	94	3%	-2%
14	95	0%	0%
15	90	2%	-4%
16	90	2%	-5%

LUME-01-SW-DRY-40-6.0HE-ENC/TL

4192 K

CRI: 97.2

CRI R9: 96.8

TM30 Rf: 91.6

TM30 Rg: 99.3

CQS: 94.3

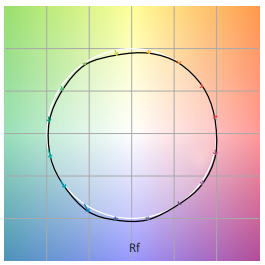
X: 0.372

Y: 0.369

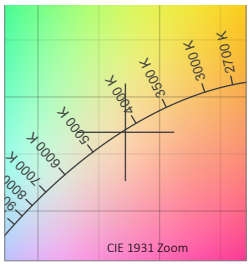
U: 0.223

V: 0.331

Δuv: -0.0011







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.0	99.4	96.8	97.2	96.5	95.8	97.1	96.9	96.8	98.3	98.3	71.5	98.5	97.5	95.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.8	98.3	89.5	87.7	91.3	94.3	97.8	98.5	97.9	98.3	98.1	99.4	99.9	98.0	95.7
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.0	96.4	96.0	92.3	90.7	95.7	92.9	91.5	87.9	86.3	86.1	93.3	93.7	94.6	89.5	89.6

TM30			
Hue Bin	R_f	Chroma	Hue
1	94	-1%	1%
2	96	0%	0%
3	96	0%	0%
4	92	-3%	-2%
5	91	-6%	-1%
6	96	-2%	1%
7	93	-4%	3%
8	92	-2%	5%
9	88	-1%	9%
10	86	0%	9%
11	86	5%	8%
12	93	4%	2%
13	94	3%	-2%
14	95	0%	0%
15	90	2%	-4%
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

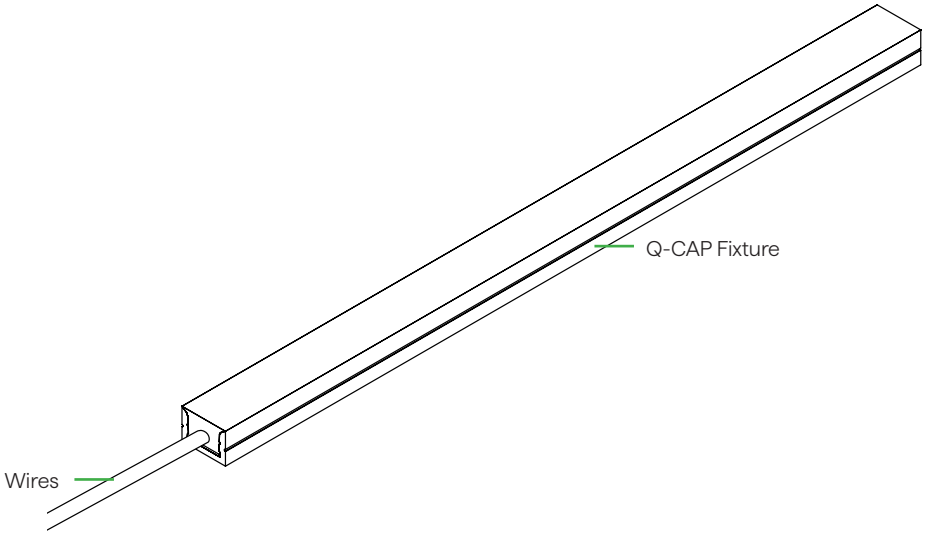
Specification subject to change. Rev-03-10-24

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