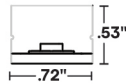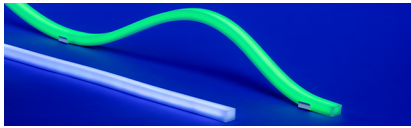# Q-CAP LUME-01 STATIC COLOR
24VDC Flexible Fixtures

- Flexible encapsulated fixture
- Three-sided illumination
- Up/down bend
- 6" bend radius
- Interior and exterior rated (not including FC)
- Three different mounting options
- Do not cut Non-Field Cuttable Q-CAP flexible fixtures

.53"
.72"

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

A1 PRODUCT	A2 MOUNTING	A3 RATED	A4 CCT	A5 WATTAGE	A6 LENS	A7 WIRE INPUT/ OUTPUT	A8 CONNECTOR/ WIRE IN	A9 CONNECTOR/ WIRE OUT	A10 END CAPS	A11 LENGTH (IN)	A12 EXACT/ OPTIMAL
LUME-01-SC				5.0	ENC/TL				TL		

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

A1 PRODUCT

LUME-01-SC

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

A	Amber
B	Blue
G	Green
R	Red

A5 WATTAGE

5.0	5.0W-VHO

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

S1 Single 1 (Input only) - End Feed

P1 Pass Through 1 (Input/Output) - End 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".
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

Q-CAP LUME-01 STATIC COLOR
24VDC Flexible Fixtures

B. FIELD CUTTABLE Q-CAP

B1 PRODUCT	B2 MOUNTING	B3 RATED	B4 CCT	B5 WATTAGE	B6 LENS	B7 WIRE INPUT/ OUTPUT	B8 CONNECTOR/ WIRE IN	B9 CONNECTOR/ WIRE OUT	B10 END CAPS	B11 LENGTH (IN)	B12 EXACT/ OPTIMAL
LUME-01-FC-SC		DRY		5.0	ENC/TL	S1		N/A	TL	48"	N/A

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

B1 PRODUCT

LUME-01-FC-SC

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

A	Amber
B	Blue
G	Green
R	Red

B5 WATTAGE

5.0 5.0W-VHO

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

S1 Single 1 (Input only) - End 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
5.0 has a 2" cut point
S1 can be cut down to as little as 2.475"
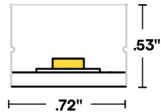
B12 EXACT/OPTIMAL

N/A

Q-CAP LUME-01 STATIC COLOR
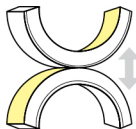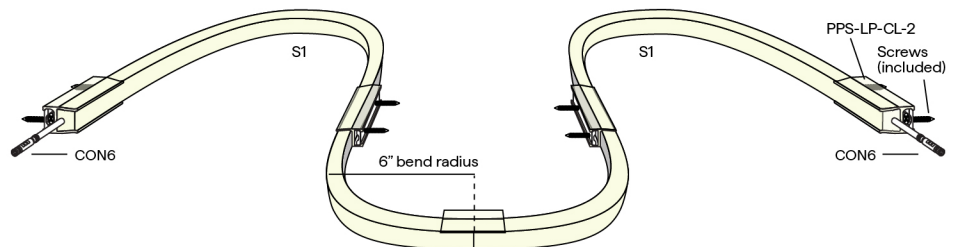## 24VDC Flexible Fixtures

1 PRODUCT - DIMENSIONS

.53"
.72"

Profile
(Standard)

BEND RADIUS

Up/Down Bend

6" bending radius

FLEXIBILITY

S1

CON6

6" bend radius

S1

PPS-LP-CL-2
Screws
(included)

CON6

2 MOUNTING
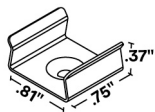
WSC	**MC**	**PPS-LP-CL-2**	**PPS-LP-CL-96**
.37" .81" .75"	.27" .77" .51" .12"	.81" .21" .86" 2.0" .69" 2.0"	.81" .21" .86" 96" .69" 96"
White Snug Clip Indirect uplight	Magnetic Clip Cove use only	Low profile PC Mounting Clip - Clear finish	Low profile PC channel 96" straight linear run Clear finish
To order separately use WSC	To order separately use MC	To order separately use LUME-PPS-LP-CL-2	To order separately use LUME-PPS-LP-CL-96
Each clip comes with a #6x5/8" flat screw	Each clip comes with a #6x5/8" flat screw		Each clip comes with a #8" flat screw
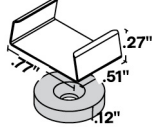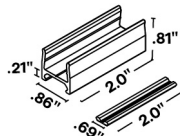
4 / 5 DELIVERED LUMENS

[Calculated L70 = 40000 hrs]
Tested with LUME-01-SC-**...-DRY

CCT		5.0W/FT	
		ENC/TL	
		LM	Wavelength
🔴	Red	71	635
🟢	Green	266	516
🔵	Blue	63	466
🟡	Amber	61	596

6 DIODE VISIBILITY

ENC/CL - Clear encapsulation

ENC/TL - Translucent encapsulation

Q-CAP LUME-01 STATIC COLOR
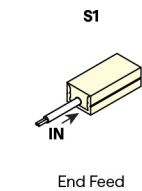## 24VDC Flexible Fixtures

BUG RATING

WATTAGE	B	U	G
6.0 (RED, BLUE)	B0	U1	G0
6.0 (GREEN, ALL)	B0	U2	G0

TEMPERATURE RATINGS

	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

7 WIRE INPUT/OUTPUT

SINGLE (Input only)

S1

IN

End Feed

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

P1

OUT

IN

End Feed

CONFIGURATION OPTIONS

S1

Single End Feed

S1

P1

Connection by others

Non-Continuous End Feed

P1   **S1**

Connection by others

Non-Continuous Corner Feed

S1

S1

No dim spot, clear end caps

Continuous End to End Feed

Field Cuttable Fixture

S1

S1

No dim spot, clear end caps

Standard Fixture

Field Cuttable - Continuous End to End Feed
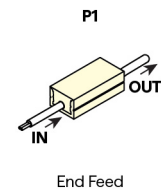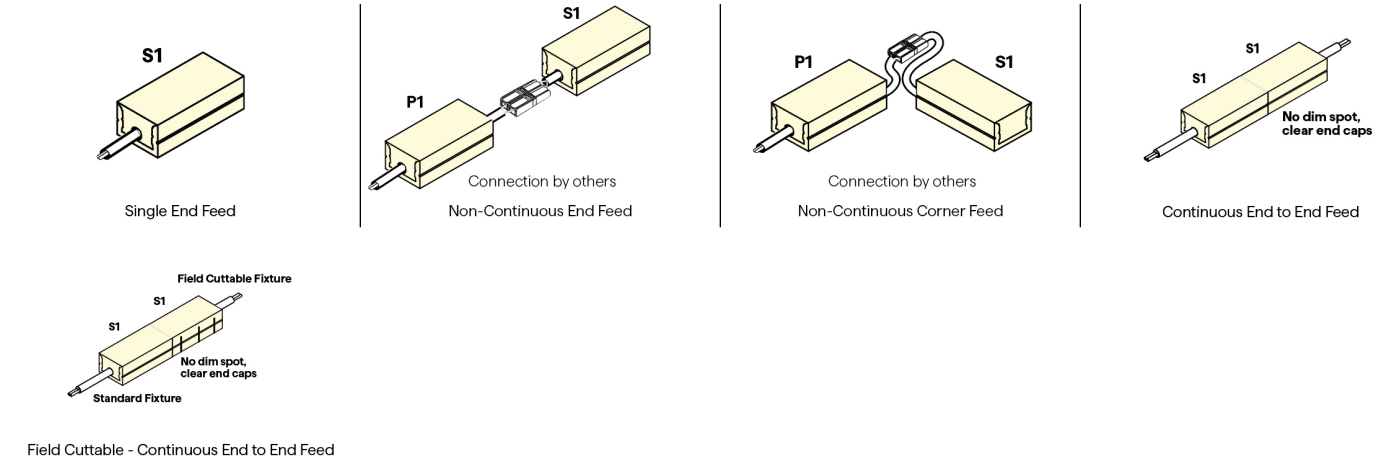
FIELD CUTTABLE MARKING

Tool (sold separately)

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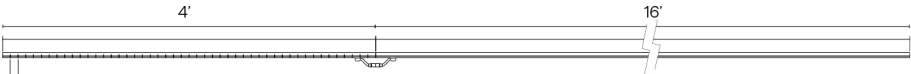
Cutting line
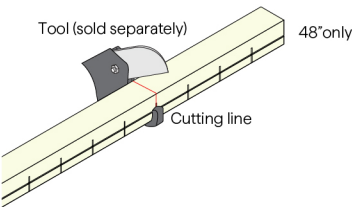
Field cuttable fixtures are sold in 4' increments and go at the end of a run, allowing for easy field adjustment

4'   16'

Note: Only FC fixtures are field cuttable — Do not attempt to cut non FC fixtures.
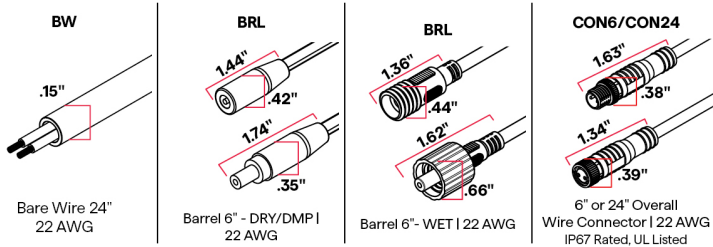Cut only on the marked cut lines. Only cut from non-feed end. Do not attempt to cut while power is on.
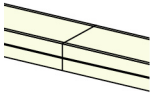
8 / 9 CONNECTOR/WIRE – IN/OUT

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

BW

.15"

Bare Wire 24"
22 AWG

BRL

1.44"

.42"

1.74"

.35"

Barrel 6" - DRY/DMP |
22 AWG

BRL

1.36"

.44"

1.62"

.66"

Barrel 6"- WET | 22 AWG

CON6/CON24

1.63"

.38"

1.34"

.39"

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

10 END CAPS (NO FEED)

TL

Translucent endcaps
.0" added at end

.00" dim spot

11 LENGTH - WIRING DETAIL

Available in 2" increments 12"-191"

.25"

Red = +24V

Black = Negative

BW 24"

12 EXACT/OPTIMAL FIXTURE LENGTH

E/O Length Calculator →   **E/O Explained →**

Exact fixtures are the exact length specified. Optimal fixtures' length is rounded down based on LED cut points to allow the fixture to be illuminated end to end. For runs with multiple fixtures that need to fill a specific length, it's recommended to order all optimal fixtures with an exact fixture at the end of the run.

Optimal Fixtures

DIM SPOT   DIM SPOTS   DIM SPOT
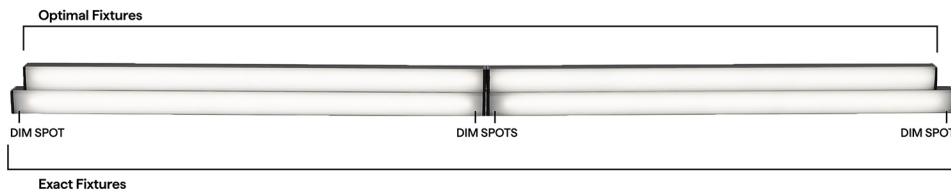
Exact Fixtures

# Q-CAP LUME-01 STATIC COLOR
24VDC Flexible Fixtures

SC LENGTHS BY INCH

Available in any length in between 12" and 191", chart below shows example lengths. Exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is +0 – 1/8". Consult factory for lengths under 12".

EXACT LENGTH

Requested Length	Potential dim spot on either end of fixture
12"	1"
13"	.5"
14"	1"
15"	.5"
16"	1"
17"	.5"
18"	1"
19"	.5"
20"	1"
21"	.5"
22"	1"
23"	.5"
24"	1"
36"	1"
48"	1"
60"	1"
72"	1"
84"	1"
96"	1"

OPTIMAL LENGTH: highlighted rows are closest to requested nominal length

Requested Nominal Length	S1 — End Feed	P1 — End Feed
12"	10.45"	10.7"
13"	12.45"	12.7"
14"	12.45"	12.7"
15"	14.45"	14.7"
16"	14.45"	14.7"
17"	16.45"	16.7"
18"	16.45"	16.7"
19"	18.45"	18.7"
20"	18.45"	18.7"
21"	20.45"	20.7"
22"	20.45"	20.7"
23"	22.45"	22.7"
24"	22.45"	22.7"
36"	34.45"	34.7"
48"	46.45"	46.7"
60"	58.45"	58.7"
72"	70.45"	70.7"
84"	82.45"	82.7"
96"	94.45"	94.7"

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
	SC	SC
Dim to Black	Q6M-DC+CAP QTM-DC+CAP iQ-PH+QD1	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-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+PS-DALI-DT6 QZ-DMX QZ-PH/0-10V
1%	QTM-eLED(E) QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QZ-DALI-DT6
10%	Non-Dim Power Supply with SW App Dongle	

Q-CAP LUME-01 STATIC COLOR
24VDC Flexible Fixtures

DIMMING PROTOCOL	INDOOR	OUTDOOR
	SC	SC
Non-Dim	QT-CAB-eLED-ND QTM-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-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1	Q-SET-QZ-PH/0-10V QOM-DC+CAP QOM-PH QZ-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-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-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	
ECO System	QTM-eLED(E)	
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	Q-SET+QZ-DALI-DT6 QOM-eLED+DALI-DT6 QZ-DALI-DT6
SCENE App Dimmed	Non-Dim Power Supply with SW App Dongle	

COMPATIBLE MOUNTING ACCESSORIES

Q-ANGLE

2.23"

1.38"

Adjustable mounting accessory

iQ-QCAP-UNV-CUTTER

QTL recommended FC Cutter
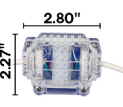
COMPATIBLE WIRING ACCESSORIES

Q-mini-J

2"

1.25"

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

Q-mini-J5

2.80"

2.27"

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

BARREL-EXT

8ft barrel cable extender
DRY ONLY

BARREL FOUR-FER

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

CON120-EXT

10ft Con cable extender
DRY/DMP/WET

CON FOUR-FER

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

COMPATIBLE APPS

NFC APP

Read and write
DMX addresses and
adjust voltage