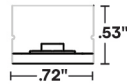




# Q-CAP LUME-01 FOR TUNABLE APPLICATIONS

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
- When using DALI and DMX power supplies, LED wattage must be doubled
- 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-DW-HE-MC-DRY-24/30-1.5HE-ENC/TL-P1-BW-BW-N/A-48"-E

<b>A1</b> <b>PRODUCT</b> <b>LUME-01-DW</b> <b>LUME-01-DW-USA</b> Select USA option for BA, BAA and BABA projects. LED engine is built with 3 wires requiring 0-10v, DMX or DALI control. Using DALI, DMX, or non QTL power supplies may double watts/ft. See last page for compatible power supplies.	<b>A2</b> <b>MOUNTING</b> <b>MC</b> Magnetic Clip <b>PPS-LP-CL-2</b> Clear PVC Clip <b>PPS-LP-CL-96</b> Clear PVC Channel <b>WSC</b> White Snug Clip White snug clip only for indirect cove use, not intended for hanging fixtures upside down.	<b>A3</b> <b>RATED</b> <b>DRY</b> IP20 <b>WET</b> IP67	<b>A4</b> <b>CCT</b> <b>24/30</b> 2400K/3000K <b>27/40</b> 2700K/4000K	<b>A5</b> <b>WATTAGE</b> <b>1.5HE</b> 1.5WHE-SO <b>2.5HE</b> 2.5WHE-HO SO: Standard Output HO: High Output		
<b>A6</b> <b>LENS</b> <b>ENC/TL</b> Encapsulated in Translucent For representation of LED visibility, see Diode Visibility section on following pages	<b>A7</b> <b>WIRE INPUT/OUTPUT</b> <b>SINGLE (Input only)</b> <b>S1</b> End Feed  <b>PASS THROUGH (Input/Output)</b> <b>P1</b> End Feed	<b>A8</b> <b>CONNECTOR/WIRE IN</b> <b>BW</b> Bare Wire (Standard 24") <b>CON6</b> Connector 6" <b>CON24</b> Connector 24" BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)  <b>BW</b> Bare Wire (Standard 24") <b>CON6</b> Connector 6" <b>CON24</b> Connector 24" BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)	<b>A9</b> <b>CONNECTOR/WIRE OUT</b> <b>N/A</b> Closed End (No feed)  <b>BW</b> Bare Wire (Standard 24") <b>CON6</b> Connector 6" <b>CON24</b> Connector 24" BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)	<b>A10</b> <b>END CAPS</b> <b>TL</b> Translucent <b>N/A</b> Not Applicable	<b>A11</b> <b>LENGTH (IN)</b> Minimum length is 12", maximum length is 191" not including end caps. Contact us for lengths under 12". Available in 2" increments.	<b>A12</b> <b>EXACT/OPTIMAL</b> <b>O</b> Optimal Illumination <b>E</b> 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.

Warranty only valid with QTL power supplies | 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 | Field Cuttable is not returnable or refundable after it has been cut



# Q-CAP LUME-01 FOR TUNABLE APPLICATIONS

## 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
LUME-01-FC-DW		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-DW-HE-MC-DRY-24/30-1.5HE-ENC/TL-P1-BW-BW-N/A-48"-E

B1

PRODUCT

LUME-01-FC-DW

LED engine is built with 3 wires requiring 0-10v, DMX or DALI control. Using DALI, DMX, or non QTL power supplies may double watts/ft. See last page for compatible power supplies.

B2

MOUNTING

MC

PPS-LP-CL-2

PPS-LP-CL-96

WSC

Magnetic Clip

Clear PVC Clip

Clear PVC Channel

White Snug Clip

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

B3

RATED

DRY IP20

B4

CCT

24/30

27/40

2400K/3000K

2700K/4000K

B5

WATTAGE

1.5HE

2.5HE

1.5WHE-SO

2.5WHE-HO

SO: Standard Output  
HO: 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

B8

CONNECTOR/WIRE IN

BW

CON6

CON24

Bare Wire (Standard 24")

Connector 6"

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

TL

Translucent

B11

LENGTH (IN)

48"

Nominal

Starting Run length is 48.475" for S1  
Each cut point subtracts from the Starting Run Length  
1.5HE & 2.5HE have a 2" cut point  
S1 can be cut down to as little as 2.475"

B12

EXACT/OPTIMAL

N/A

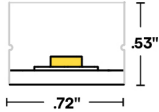
Single ▶



# Q-CAP LUME-01 FOR TUNABLE APPLICATIONS

24VDC Flexible Fixtures

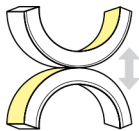
## 1 PRODUCT - DIMENSIONS



Profile  
(Standard)

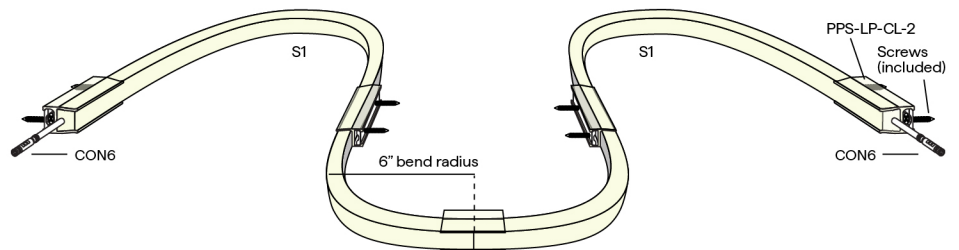
## BEND RADIUS

### Up/Down Bend



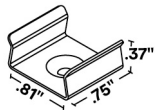
6" bending radius

## FLEXIBILITY



## 2 MOUNTING

### WSC

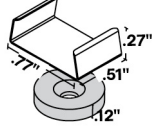


White Snug Clip  
Indirect uplight

To order separately use WSC

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

### MC

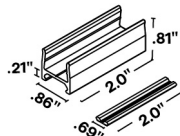


Magnetic Clip  
Cove use only

To order separately use MC

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

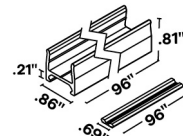
### PPS-LP-CL-2



Low profile PC Mounting  
Clip - Clear finish

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

### PPS-LP-CL-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

## 4 / 5 DELIVERED LUMENS

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

CCT	15HE W/FT		25HE W/FT	
	ENC/TL		ENC/TL	
	LM	CRI	LM	CRI
2400K	90	93	121	92
2700K	64	97	133	97
3000K	**	**	**	**
4000K	**	**	**	**

## 6 DIODE VISIBILITY



ENC/CL - Clear encapsulation

ENC/TL - Translucent encapsulation



# Q-CAP LUME-01 FOR TUNABLE APPLICATIONS

## 24VDC Flexible Fixtures

### TEMPERATURE RATINGS

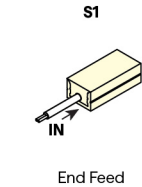
	DW 1.5 HE W/FT		DW 3.0 HE W/FT		DW 2.5 HE W/FT		DW 5.0 HE W/FT	
	QTL power supply other than DALI, DMX		DALI, DMX, or non-QTL power supply		QTL power supply other than DALI, DMX		DALI, DMX, or non-QTL power supply	
	Min	Max	Min	Max	Min	Max	Min	Max
Ambient Operating Temp - Surface	-4°F	140°F	-4°F	125°F	-4°F	125°F	-4°F	100°F
Storage Temp	-4°F	140°F	**	**	-4°F	140°F	**	**
Installation Temp	50°F	100°F	**	**	50°F	100°F	**	**

### BUG RATING

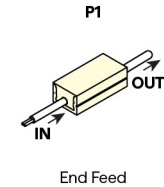
WATTAGE	B	U	G
1.5HE (ALL CCTs), 2.5HE (ALL CCTs)	B0	U1	G0

### 7 WIRE INPUT/OUTPUT

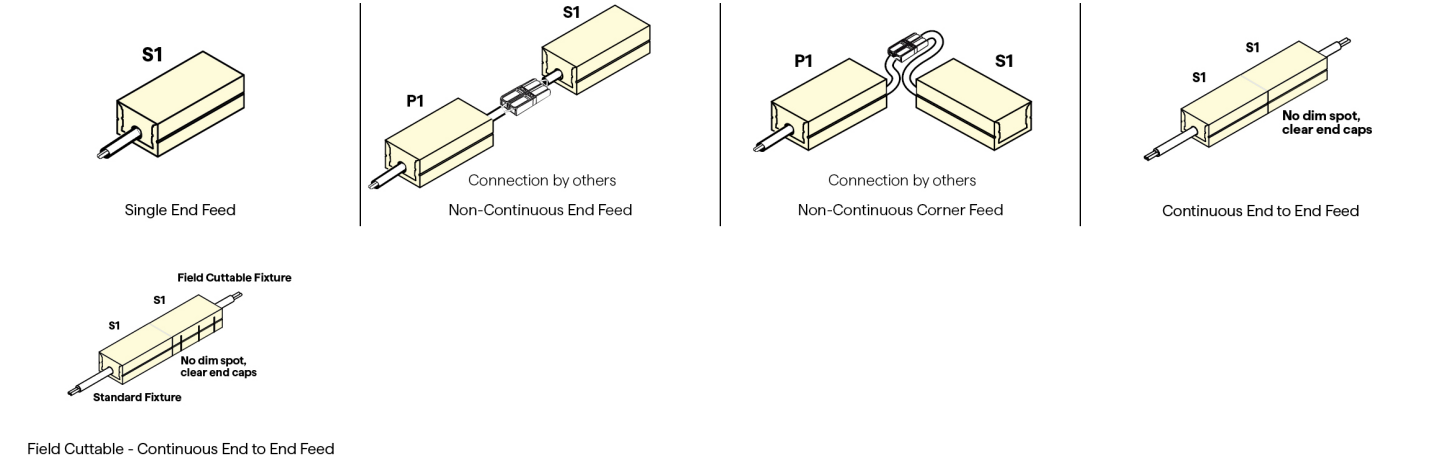
SINGLE (Input only)



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



### CONFIGURATION OPTIONS

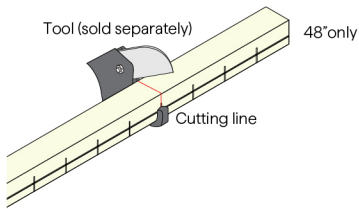




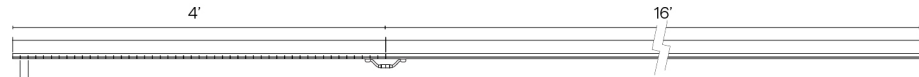
# Q-CAP LUME-01 FOR TUNABLE APPLICATIONS

24VDC Flexible Fixtures

## FIELD CUTTABLE MARKING



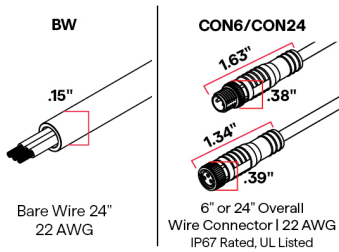
Field cuttable fixtures are sold in 4' increments and go at the end of a run, allowing for easy field adjustment



**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.

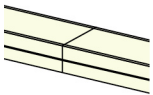
## 8 / 9 CONNECTOR/WIRE – IN/OUT

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



## 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"

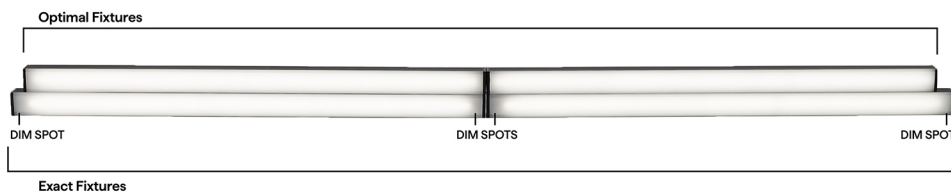


## 12 EXACT/OPTIMAL FIXTURE LENGTH

[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.





# Q-CAP LUME-01 FOR TUNABLE APPLICATIONS

24VDC Flexible Fixtures



## DW 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	P1
		
12"	10.58"	10.95"
13"	12.58"	12.95"
14"	12.58"	12.95"
15"	14.58"	14.95"
16"	14.58"	14.95"
17"	16.58"	16.95"
18"	16.58"	16.95"
19"	18.58"	18.95"
20"	18.58"	18.95"
21"	20.58"	20.95"
22"	20.58"	20.95"
23"	22.58"	22.95"
24"	22.58"	22.95"
36"	34.58"	34.95"
48"	46.58"	46.95"
60"	58.58"	58.95"
72"	70.58"	70.95"
84"	82.58"	82.95"
96"	94.58"	94.95"

## 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
	DW-HE Tunable Applications	DW-HE Tunable Applications
0.1%	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+TW QT-CAB-eLED+TW-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QTM-eLED+TW QTM-eLED+TW-AWN QZ-DMX	Q-SET-QZ-DMX QOM-eLED+DALI-DT6 QOM-eLED+DALI-DT8 QOM-eLED+PS-DALI-DT6 QOM-eLED+PS-DALI-DT8 QOM-eLED+TW QZ-DMX
1%	QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QZ-DALI-DT8
10%	Non-Dim Power Supply with TW App Dongle	




# Q-CAP LUME-01 FOR TUNABLE APPLICATIONS

## 24VDC Flexible Fixtures

DIMMING PROTOCOL	INDOOR	OUTDOOR
	DW-HE Tunable Applications	DW-HE Tunable Applications
0-10V	QT-CAB-eLED+TW QT-CAB-eLED+TW-AWN QTM-eLED+TW QTM-eLED+TW-AWN	QOM-eLED+TW
Lutron Athena	QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+TW-AWN QTM-eLED+DALI-DT8-AWN QTM-eLED+TW-AWN	
DMX LED wattage must be doubled for DW-HE products	QZ-DMX	Q-SET-QZ-DMX QZ-DMX
DALI-2: DT6 LED wattage must be doubled for DW-HE products except for AWN	QT-CAB-eLED+DALI-DT6 QTM-eLED+DALI-DT6	QOM-eLED+DALI-DT6
DALI-2: DT8 LED wattage must be doubled for DW-HE products except for AWN	QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QOM-eLED+DALI-DT8 QZ-DALI-DT8
SCENE App Dimmed	Non-Dim Power Supply with TW App Dongle	


### COMPATIBLE MOUNTING ACCESSORIES

**Q-ANGLE**



Adjustable mounting accessory

**IQ-QCAP-UNV-CUTTER**



QTL recommended FC Cutter

### COMPATIBLE WIRING ACCESSORIES

**Q-mini-J5**



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

### COMPATIBLE CONTROL ACCESSORIES

**SCENE APP DONGLE**



Wi-Fi or Bluetooth Connectivity



# Q-CAP LUME-01 FOR TUNABLE APPLICATIONS

24VDC Flexible Fixtures

## COMPATIBLE APPS

### NFC APP



Read and write  
DMX addresses and  
adjust voltage