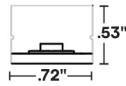
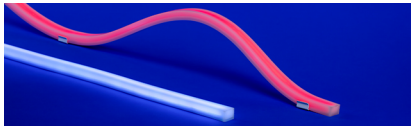




# Q-CAP LUME-01 RGB

## 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

1	2	3	4	5	6	7	8	9	10	11
PRODUCT	MOUNTING	RATED	CCT	WATTAGE	LENS	WIRE INPUT/OUTPUT	CONNECTOR/ WIRE IN	CONNECTOR/ WIRE OUT	END CAPS	LENGTH
LUME-01-RGB			RGB	6.0	ENC/TL	S1		N/A	TL	48"

Sample Part Number: LUME-01-RGB-MC-DRY-RGB-6.0-ENC/TL-P1-BW-BW-N/A-48"-E

<b>1</b> <b>PRODUCT</b>  LUME-01-RGB  See last page for compatible power supplies.	<b>2</b> <b>MOUNTING</b>  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.	<b>3</b> <b>RATED</b>  DRY IP20 WET IP67	<b>4</b> <b>CCT</b>  RGB
<b>5</b> <b>WATTAGE</b>  6.0 6.0W-SO  SO: Standard Output	<b>6</b> <b>LENS</b>  ENC/TL Encapsulated in Translucent  For representation of LED visibility, see Diode Visibility section on following pages	<b>7</b> <b>WIRE INPUT/OUTPUT</b>  S1 Single 1 (Input only) - End Feed	
<b>8</b> <b>CONNECTOR/WIRE IN</b>  BW Bare Wire (Standard 24") CON6 Connector 6" CON24 Connector 24"  BW: Standard length is 24"; Max length is 120". Request custom length by writing in part number next to BW (example: BW48)	<b>9</b> <b>CONNECTOR/WIRE OUT</b>  N/A Closed End (No feed)	<b>10</b> <b>END CAPS</b>  TL Translucent	<b>11</b> <b>LENGTH</b>  48" Optimal  Minimum length is 12", maximum length is 191" not including end caps. Contact us for lengths under 12". Available in 2" increments.

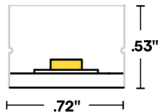
Up/Down Bend | Data subject to change, all data has +/- 5% tolerance | Only FC fixtures are Field-Cuttable per installation instructions | Field Cuttable is not returnable or refundable after it has been cut



# Q-CAP LUME-01 RGB

24VDC Flexible Fixtures

## 1 PRODUCT - DIMENSIONS



Profile  
(Standard)

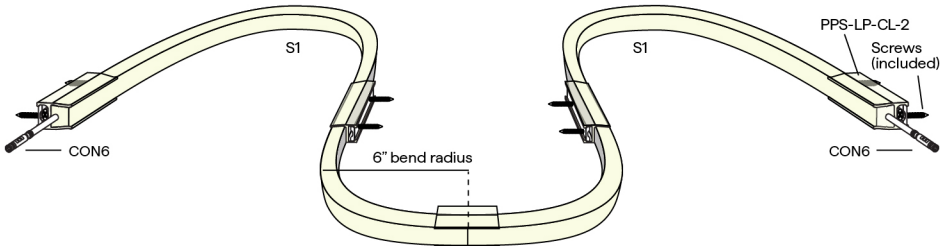
### BEND RADIUS

Up/Down Bend



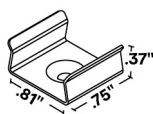
6" bending radius

### FLEXIBILITY



## 2 MOUNTING

WSC

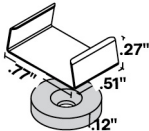


White Snug Clip  
Indirect uplight

To order separately use WSC

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

MC

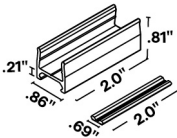


Magnetic Clip  
Cove use only

To order separately use MC

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

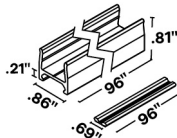
PPS-LP-CL-2



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-RGB-WSC-DRY

CCT	6.0W/FT Total Load		Circuit Wattage
	LM	Wavelength	
Red	43	632	2.4
Green	109	522	1.9
Blue	29	469	1.7
All	169	***	6.0

## 6 DIODE VISIBILITY



ENC/CL - Clear encapsulation

ENC/TL - Translucent encapsulation



# Q-CAP LUME-01 RGB

24VDC Flexible Fixtures

## BUG RATING

WATTAGE	B	U	G
5.0 (ALL CCTs)	B0	U1	G0

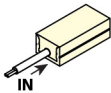
## TEMPERATURE RATINGS

	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

## 7 WIRE INPUT/OUTPUT

SINGLE (Input only)

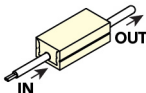
S1



End Feed

PASS THROUGH (Input/Output)

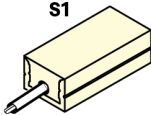
P1



End Feed

## CONFIGURATION OPTIONS

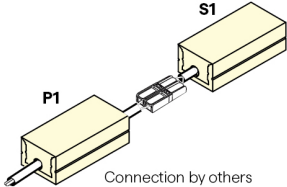
S1



Single End Feed

S1

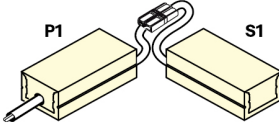
P1



Connection by others  
Non-Continuous End Feed

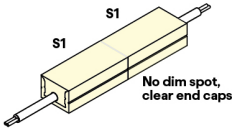
P1

S1



Connection by others  
Non-Continuous Corner Feed

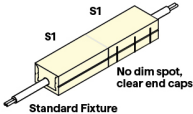
S1



Continuous End to End Feed

Field Cutable Fixture

S1



Standard Fixture

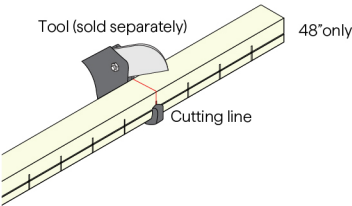
Field Cutable - Continuous End to End Feed



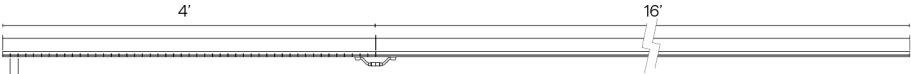
# Q-CAP LUME-01 RGB

24VDC Flexible Fixtures

## FIELD CUTTABLE MARKING



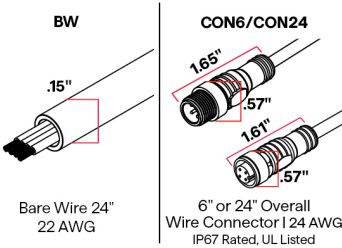
Field cuttable fixtures are sold in 4' increments and go at the end of a run, allowing for easy field adjustment



**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.

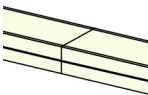
## 8 / 9 CONNECTOR/WIRE – IN/OUT

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)

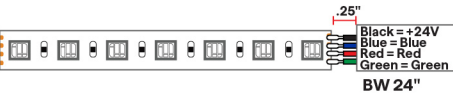
TL



Translucent endcaps  
.0 inch added at end  
.00 inch dim spot

## 11 LENGTH - WIRING DETAIL

Available in 2 inch increments 12 inch-191 inch

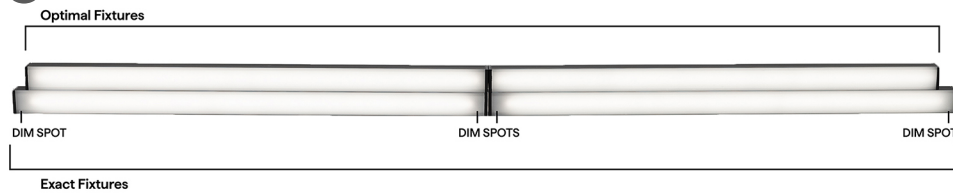




# Q-CAP LUME-01 RGB

24VDC Flexible Fixtures

## 12 EXACT/OPTIMAL FIXTURE LENGTH



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.



## RGB 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
	RGB	RGB
0.1%	QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DMX QTM-eLED+DALI-DT8 QTM-eLED+DMX QZ-DMX	Q-SET-QZ-DMX QOM-eLED+DALI-DT8 QOM-eLED+DMX QOM-eLED+PS-DALI-DT8 QZ-DMX
1%	QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QZ-DALI-DT8
10%	Non-Dim Power Supply with RGB App Dongle	



# Q-CAP LUME-01 RGB

24VDC Flexible Fixtures

DIMMING PROTOCOL	INDOOR	OUTDOOR
	RGB	RGB
DMX	QTM-eLED+DMX QZ-DMX	Q-SET-QZ-DMX QOM-eLED+DMX QZ-DMX
DALI-2: DT8	QT-CAB-eLED+DALI-DT8 QTM-eLED+DALI-DT8 QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QOM-eLED+DALI-DT8 QZ-DALI-DT8

## 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

## COMPATIBLE APPS

**NFC APP**

Read and write DMX addresses and adjust voltage