



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

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-RGB			RGB	6.0	ENC/TL				TL		

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

A1 PRODUCT LUME-01-RGB See last page for compatible power supplies.	A2 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.	A3 RATED DRY IP20 WET IP67	A4 CCT RGB	A5 WATTAGE 6.0 6.0W-SO SO: Standard 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") 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)	
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



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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-RGB	DRY	RGB	6.0	ENC/TL	S1		N/A	TL	48"	N/A	

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

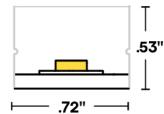
B1 PRODUCT LUME-01-FC-RGB See last page for compatible power supplies.	B2 MOUNTING MC Magnetic Clip PPS-LP-CL-2 Clear PVC Clip PPS-LP-CL-96 Clear PVC Channel WSC White Snug Clip White snug clip only for indirect cove use, not intended for hanging fixtures upside down.	B3 RATED DRY IP20	B4 CCT RGB	B5 WATTAGE 6.0 6.0W-SO SO: Standard 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") 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 TL Translucent	B11 LENGTH (IN) 48" Nominal Starting Run length is 48.475" for S1 Each cut point subtracts from the Starting Run Length 6.0 has a 2" cut point S1 can be cut down to as little as 2.475"	B12 EXACT/OPTIMAL N/A		
Single ►				



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1 PRODUCT - DIMENSIONS



Profile
(Standard)

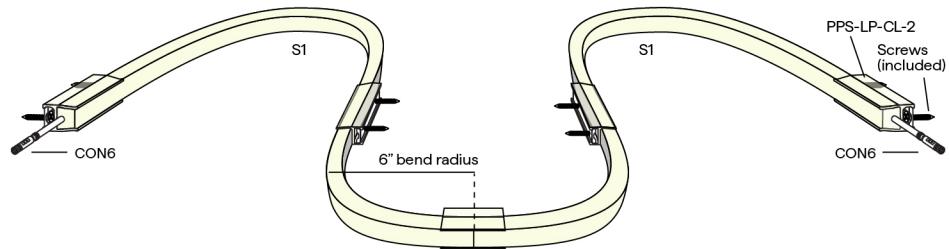
BEND RADIUS

Up/Down Bend



6" bending radius

FLEXIBILITY



2 MOUNTING

WSC

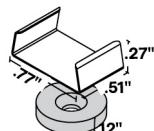


White Snug Clip
Indirect uplight

To order separately use WSC

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

MC

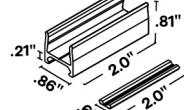


Magnetic Clip
Cove use only

To order separately use MC

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

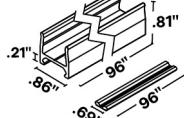
PPS-LP-CL-2



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		
	ENC/TL		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



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BUG RATING

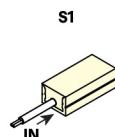
WATTAGE	B	U	G
5.0 (ALL CCTs)	B0	U1	G0

TEMPERATURE RATINGS

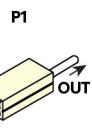
5.0 W/FT	
Min	Max
Ambient Operating Temp - Surface	-14°F 90°F
Storage Temp	-4°F 140°F
Installation Temp	50°F 100°F

7 WIRE INPUT/OUTPUT

SINGLE (Input only)

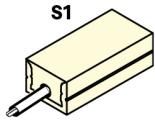


End Feed

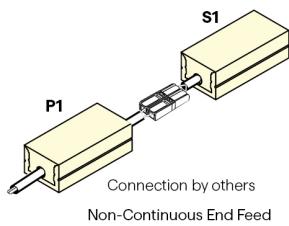


End Feed

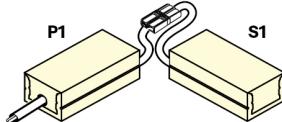
CONFIGURATION OPTIONS



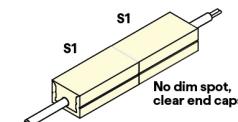
Single End Feed



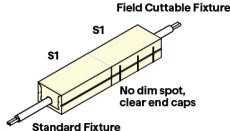
Non-Continuous End Feed



Non-Continuous Corner Feed



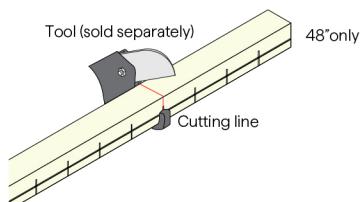
Continuous End to End Feed



Standard Fixture

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.

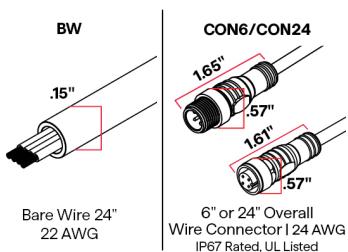


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8 / 9 CONNECTOR/WIRE – IN/OUT

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

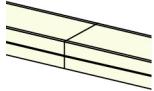


10 END CAPS (NO FEED)

TL

11 LENGTH - WIRING DETAIL

Available in 2" increments 12"-191"



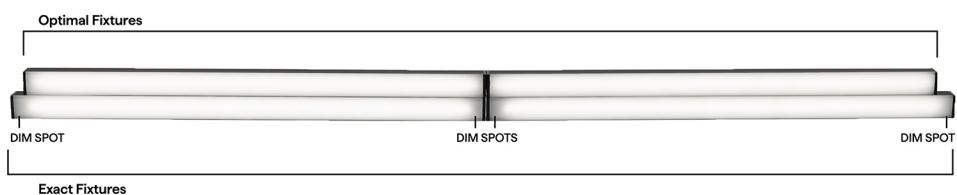
Translucent endcaps
.0" added at end
.00" dim spot

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.





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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"		
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	

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



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COMPATIBLE MOUNTING ACCESSORIES



COMPATIBLE WIRING ACCESSORIES



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

COMPATIBLE CONTROL ACCESSORIES



COMPATIBLE APPS



Read and write DMX addresses and adjust voltage