



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 PRODUCT	2 MOUNTING	3 RATED	4 CCT	5 WATTAGE	6 LENS	7 WIRE INPUT/OUTPUT	8 CONNECTOR/ WIRE IN	9 CONNECTOR/ WIRE OUT	10 END CAPS	11 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

1 PRODUCT	2 MOUNTING	3 RATED	4 CCT
LUME-01-RGB See last page for compatible power supplies.	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.	DRY WET IP20 IP67	RGB
5 WATTAGE	6 LENS	7 WIRE INPUT/OUTPUT	
6.0 SO: Standard Output	ENC/TL Encapsulated in Translucent For representation of LED visibility, see Diode Visibility section on following pages	S1 Single 1 (Input only) - End Feed	
8 CONNECTOR/WIRE IN	9 CONNECTOR/WIRE OUT	10 END CAPS	11 LENGTH
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)	N/A Closed End (No feed)	TL Translucent	48" Optimal Minimum length is 12", maximum length is 191" not including end caps. Contact us for lengths under 12". Available in 2' increments.

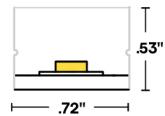
Up/Down Bend | Data subject to change, all data has +/- 5% tolerance | Only FC fixtures are Field-Cuttable per installation instructions | Field Cuttable is not returnable or refundable after it has been cut



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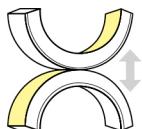
1 PRODUCT - DIMENSIONS



Profile
(Standard)

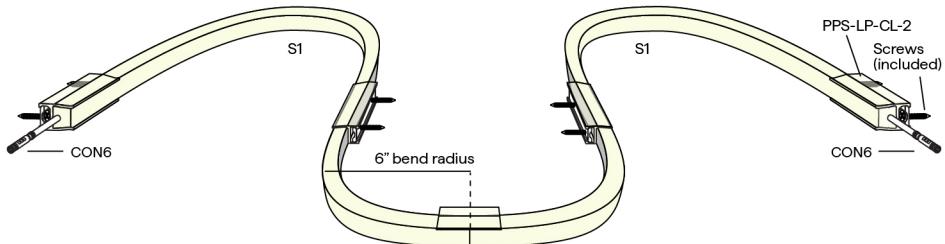
BEND RADIUS

Up/Down Bend



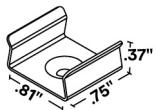
6" bending radius

FLEXIBILITY



2 MOUNTING

WSC

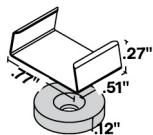


White Snug Clip
Indirect upright

To order separately use WSC

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

MC

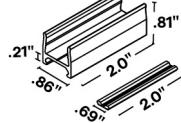


Magnetic Clip
Cove use only

To order separately use MC

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

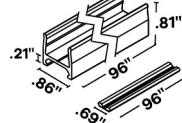
PPS-LP-CL-2



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

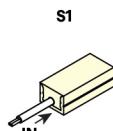
WATTAGE	B	U	G
5.0 (ALL CCTs)	B0	U1	G0

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

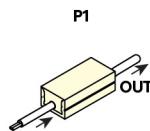
7 WIRE INPUT/OUTPUT

SINGLE (Input only)



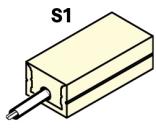
End Feed

PASS THROUGH (Input/Output)

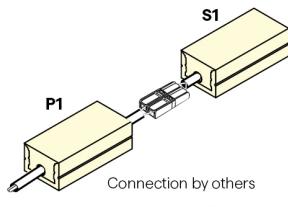


End Feed

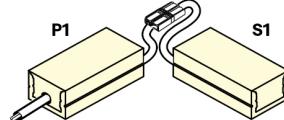
CONFIGURATION OPTIONS



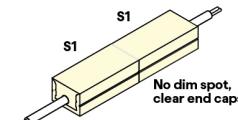
Single End Feed



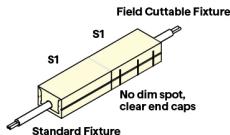
Non-Continuous End Feed



Non-Continuous Corner Feed



Continuous End to End Feed



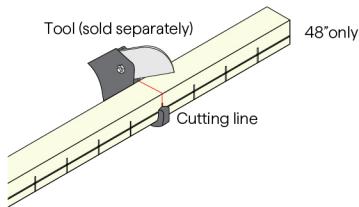
Field Cuttable - Continuous End to End Feed



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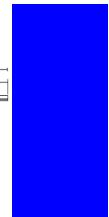
FIELD CUTTABLE MARKING



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

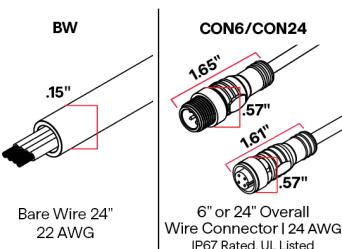


Note: Only FC fixtures are field cuttable — Do not attempt to cut non FC fixtures.
Cut only on the marked cut lines. Only cut from non-feed end. Do not attempt to cut while power is on.



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

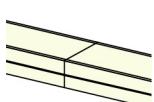


10 END CAPS (NO FEED)

TL

11 LENGTH - WIRING DETAIL

Available in 2" increments 12"-191"



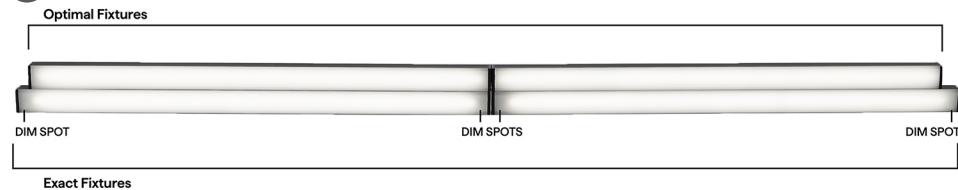
Translucent endcaps
.0" added at end
.00" dim spot



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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 $\pm 0 - 1/8"$. 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"		
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 $\pm 5\%$ 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	

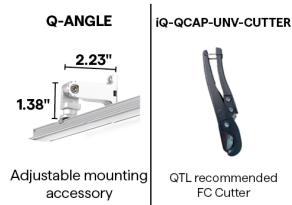


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DIMMING PROTOCOL	INDOOR	OUTDOOR
	RGB	RGB
DMX	QTM-eLED+DMX QZ-DMX	Q-SET-QZ-DMX QOM-eLED+DMX QZ-DMX
DALI-2: DT8	QT-CAB-eLED+DALI-DT8 QTM-eLED+DALI-DT8 QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QOM-eLED+DALI-DT8 QZ-DALI-DT8

COMPATIBLE MOUNTING ACCESSORIES



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