



Q-CAP LUME-01 FOR TUNABLE APPLICATIONS

24VDC Flexible Fixtures

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

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**

A1	PRODUCT	MOUNTING	A3	RATED	A4	CCT			
	LUME-01-DW LUME-01-DW-USA 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.	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	24/30 27/40	2400K/3000K 2700K/4000K			
A5	WATTAGE	A6	LENS	A7	WIRE INPUT/OUTPUT	A8	CONNECTOR/WIRE IN	A9	CONNECTOR/WIRE OUT
1.5HE 2.5HE	1.5WHE-SO 2.5WHE-HO SO: Standard Output HO: High Output	ENC/TL	Encapsulated in Translucent For representation of LED visibility, see Diode Visibility section on following pages	SINGLE (Input only) S1 End Feed	PASS THROUGH (Input/Output) P1 End Feed	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)	N/A	Closed End (No feed)
A10	END CAPS	A11	LENGTH (IN)	A12	EXACT/OPTIMAL				
TL N/A	Translucent Not Applicable		Minimum length is 12", maximum length is 191" not including end caps. Contact us for lengths under 12". Available in 2" increments.		O E	Optimal Illumination 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



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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

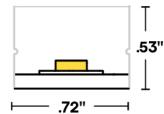
B1 PRODUCT LUME-01-FC-DW LED engine is built with 3 wires requiring 0-10V, DMX or DALI control. Using DALI, DMX, or non QTL power supplies may double watts/ft. See last page for compatible power supplies.	B2 MOUNTING MC PPS-LP-CL-2 PPS-LP-CL-96 WSC Magnetic Clip Clear PVC Clip Clear PVC Channel White 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 2400K/3000K 27/40 2700K/4000K
B5 WATTAGE 1.5HE 1.5WHE-SO 2.5HE 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 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)
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 1.5HE & 2.5HE have a 2" cut point S1 can be cut down to as little as 2.475"	B9 CONNECTOR/WIRE OUT N/A Closed End (No feed)	B12 EXACT/OPTIMAL N/A



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1 PRODUCT - DIMENSIONS



Profile
(Standard)

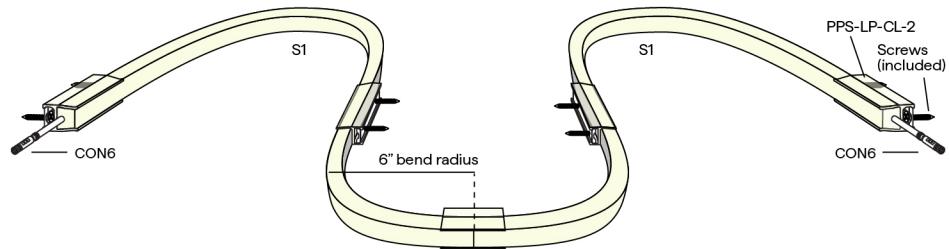
BEND RADIUS

Up/Down Bend



6" bending radius

FLEXIBILITY



2 MOUNTING

WSC

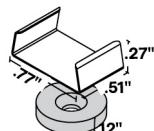


White Snug Clip
Indirect uplight

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

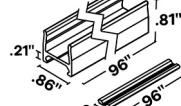
PPS-LP-CL-2



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-DW-WSC-DRY

CCT	15HE W/FT		2.5HE 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/TL - Translucent encapsulation



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TEMPERATURE RATINGS

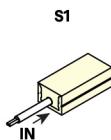
	DW 1.5 HE W/FT		DW 3.0 HE W/FT		DW 2.5 HE W/FT		DW 5.0 HE W/FT	
	QTL power supply other than DALI, DMX		DALI, DMX, or non-QTL power supply		QTL power supply other than DALI, DMX		DALI, DMX, or non-QTL power supply	
	Min	Max	Min	Max	Min	Max	Min	Max
Ambient Operating Temp - Surface	-4°F	140°F	-4°F	125°F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

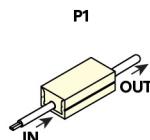
7 WIRE INPUT/OUTPUT

SINGLE (Input only)



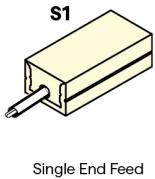
End Feed

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

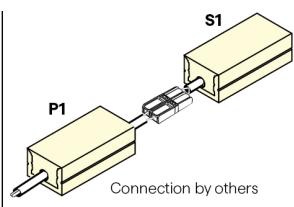


End Feed

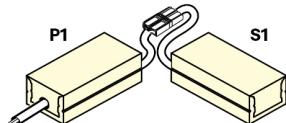
CONFIGURATION OPTIONS



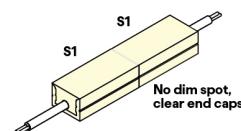
Single End Feed



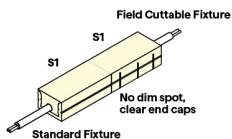
Connection by others
Non-Continuous End Feed



Connection by others
Non-Continuous Corner Feed



Continuous End to End Feed



Standard Fixture

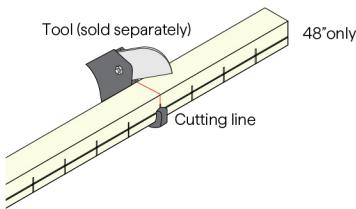
Field Cuttable - Continuous End to End Feed



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FIELD CUTTABLE MARKING



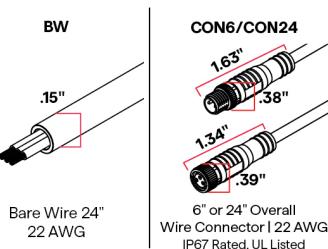
Field cuttable fixtures are sold in 4' increments and go at the end of a run, allowing for easy field adjustment



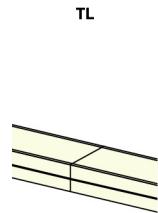
Note: Only FC fixtures are field cuttable — Do not attempt to cut non FC fixtures.
Cut only on the marked cut lines. Only cut from non-feed end. Do not attempt to cut while power is on.

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



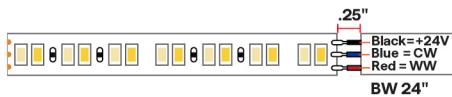
10 END CAPS (NO FEED)



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

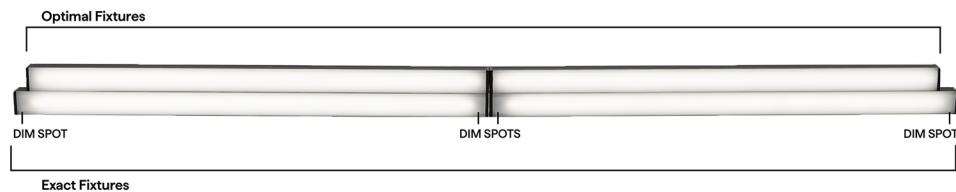
11 LENGTH - WIRING DETAIL

Available in 2" increments 12"-191"



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.





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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"	 End Feed	 End Feed
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-AVN 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	



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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	QZ-DMX	Q-SET-QZ-DMX QZ-DMX
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	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



COMPATIBLE WIRING ACCESSORIES



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

COMPATIBLE CONTROL ACCESSORIES





Q-CAP LUME-01 FOR TUNABLE APPLICATIONS

24VDC Flexible Fixtures

COMPATIBLE APPS

NFC APP



Read and write
DMX addresses and
adjust voltage