

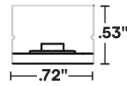
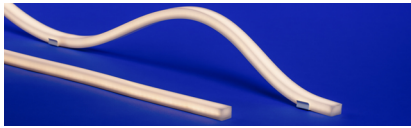


# Q-CAP LUME-01 FOR WARM DIM APPLICATIONS

24VDC Flexible Fixtures



Declare.



- 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

| 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 |
|         |          |       |     |         | ENC/TL | S1                  |                     | N/A                  | TL       | 48"    |

Sample Part Number: LUME-01-DW-HE-MC-DRY-24/30-1.5HE-ENC/TL-P1-BW-BW-N/A-48"-E

|                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                          |                                                                                        |                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1</b><br><b>PRODUCT</b><br><br><b>LUME-01-DW</b><br><b>LUME-01-DW-USA</b><br><br>Select USA option for BA, BAA and BABA projects.<br><br>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>2</b><br><b>MOUNTING</b><br><br><b>MC</b> Magnetic Clip<br><b>PPS-LP-CL-2</b> Clear PVC Clip<br><b>PPS-LP-CL-96</b> Clear PVC Channel<br><b>WSC</b> White Snug Clip<br><br>White snug clip only for indirect cove use, not intended for hanging fixtures upside down. | <b>3</b><br><b>RATED</b><br><br><b>DRY</b> IP20<br><b>WET</b> IP67                     | <b>4</b><br><b>CCT</b><br><br><b>24/30</b> 2400K/3000K<br><b>27/40</b> 2700K/4000K                                                                                                              |
| <b>5</b><br><b>WATTAGE</b><br><br><b>1.5HE</b> 1.5WHE-SO<br><b>2.5HE</b> 2.5WHE-HO<br><br>SO: Standard Output<br>HO: High Output                                                                                                                                                                                                | <b>6</b><br><b>LENS</b><br><br><b>ENC/TL</b> Encapsulated in Translucent<br><br>For representation of LED visibility, see Diode Visibility section on following pages                                                                                                    | <b>7</b><br><b>WIRE INPUT/OUTPUT</b><br><br><b>S1</b> Single 1 (Input only) - End Feed |                                                                                                                                                                                                 |
| <b>8</b><br><b>CONNECTOR/WIRE IN</b><br><br><b>BW</b> Bare Wire (Standard 24")<br><b>CON6</b> Connector 6"<br><b>CON24</b> Connector 24"<br><br>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><br><b>CONNECTOR/WIRE OUT</b><br><br><b>N/A</b> Closed End (No feed)                                                                                                                                                                                             | <b>10</b><br><b>END CAPS</b><br><br><b>TL</b> Translucent                              | <b>11</b><br><b>LENGTH</b><br><br><b>48"</b> Optimal<br><br>Minimum length is 12", maximum length is 191" not including end caps. Contact us for lengths under 12". Available in 2" increments. |

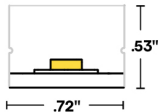
Warranty only valid with QTL power supplies | Up/Down Bend | Data subject to change, all data has +/- 5% tolerance | Only FC fixtures are Field-Cuttable per installation instructions | Field Cuttable is not returnable or refundable after it has been cut



# Q-CAP LUME-01 FOR WARM DIM APPLICATIONS

24VDC Flexible Fixtures

## 1 PRODUCT - DIMENSIONS



Profile  
(Standard)

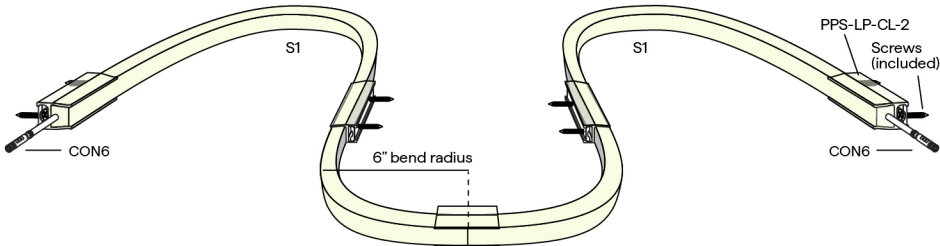
### BEND RADIUS

Up/Down Bend



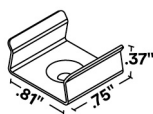
6" bending radius

### FLEXIBILITY



## 2 MOUNTING

WSC

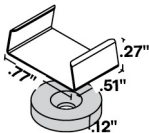


White Snug Clip  
Indirect uplight

To order separately use WSC

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

MC

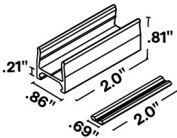


Magnetic Clip  
Cove use only

To order separately use MC

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

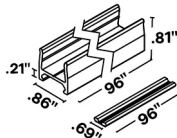
PPS-LP-CL-2



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   | 1.5HE 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



# Q-CAP LUME-01 FOR WARM DIM APPLICATIONS

## 24VDC Flexible Fixtures

### TEMPERATURE RATINGS

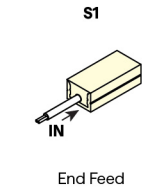
|                                  | DW 1.5 HE W/FT                        |       | DW 3.0 HE W/FT                     |       | DW 2.5 HE W/FT                        |       | DW 5.0 HE W/FT                     |       |
|----------------------------------|---------------------------------------|-------|------------------------------------|-------|---------------------------------------|-------|------------------------------------|-------|
|                                  | 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

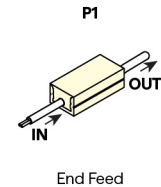
| WATTAGE                            | B  | U  | G  |
|------------------------------------|----|----|----|
| 1.5HE (ALL CCTs), 2.5HE (ALL CCTs) | B0 | U1 | G0 |

### 7 WIRE INPUT/OUTPUT

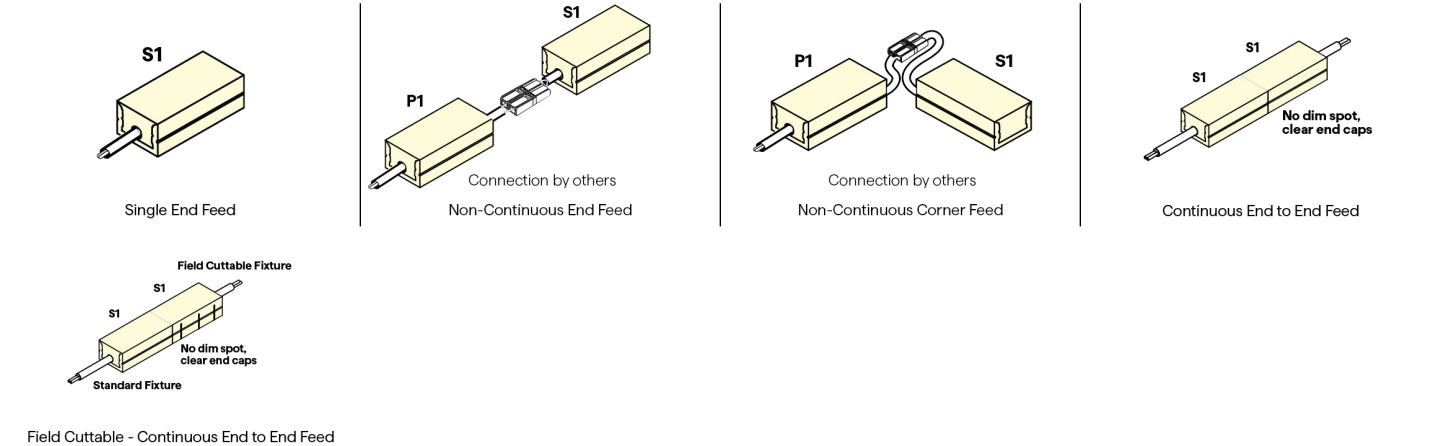
SINGLE (Input only)



PASS THROUGH (Input/Output)



### CONFIGURATION OPTIONS

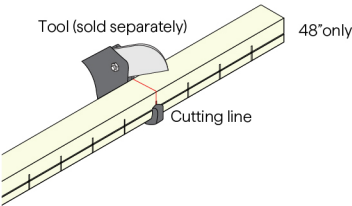




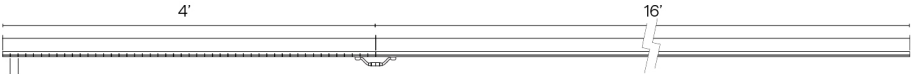
# Q-CAP LUME-01 FOR WARM DIM APPLICATIONS

24VDC Flexible Fixtures

## FIELD CUTTABLE MARKING



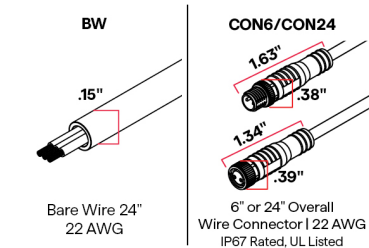
Field cuttable fixtures are sold in 4' increments and go at the end of a run, allowing for easy field adjustment



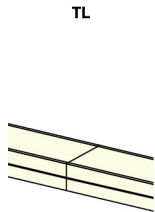
**Note:** Only FC fixtures are field cuttable — Do not attempt to cut non FC fixtures. Cut only on the marked cut lines. Only cut from non-feed end. Do not attempt to cut while power is on.

## 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)



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

## 11 LENGTH - WIRING DETAIL

Available in 2 inch increments 12 inch-191 inch

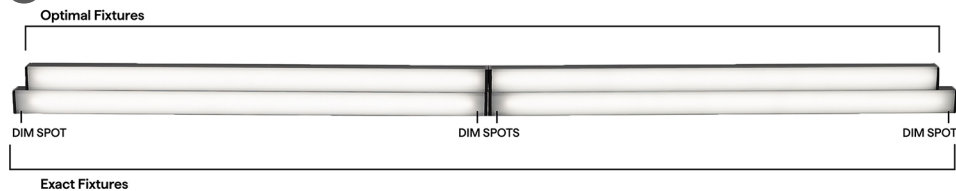




# Q-CAP LUME-01 FOR WARM DIM APPLICATIONS

## 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.

### 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 Warm Dim Applications                                                                                                                                                                                                    | DW-HE Warm Dim Applications                                                                                                   |
| 0.1%         | QT-CAB-eLED+DALI-DT6<br>QT-CAB-eLED+DALI-DT8<br>QT-CAB-eLED+DALI-DT8-AWN<br>QT-CAB-eLED+WD<br>QT-CAB-eLED+WD-AWN<br>QTM-eLED+DALI-DT6<br>QTM-eLED+DALI-DT8<br>QTM-eLED+DALI-DT8-AWN<br>QTM-eLED+WD<br>QTM-eLED+WD-AWN<br>QZ-DW | Q-SET-QZ-DW<br>QOM-eLED+DALI-DT6<br>QOM-eLED+DALI-DT8<br>QOM-eLED+PS-DALI-DT6<br>QOM-eLED+PS-DALI-DT8<br>QOM-eLED+WD<br>QZ-DW |
| 1%           | QZ-DALI-DT8                                                                                                                                                                                                                    | Q-SET+QZ-DALI-DT8<br>QZ-DALI-DT8                                                                                              |
| 10%          | Non-Dim Power Supply with WD App Dongle                                                                                                                                                                                        |                                                                                                                               |



# Q-CAP LUME-01 FOR WARM DIM APPLICATIONS

24VDC Flexible Fixtures

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

## COMPATIBLE MOUNTING ACCESSORIES

**Q-ANGLE**



Adjustable mounting accessory

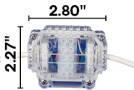
**IQ-QCAP-UNV-CUTTER**



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 WARM DIM APPLICATIONS

24VDC Flexible Fixtures

## COMPATIBLE APPS

### NFC APP



Read and write  
DMX addresses and  
adjust voltage