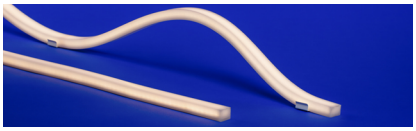
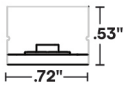
# Q-CAP LUME-01 FOR TUNABLE APPLICATIONS

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

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | ENC/TL | | | N/A | TL | |

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

## 1 PRODUCT

**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.

## 2 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.

## 3 RATED

| | |
|---|---|
| **DRY** | IP20 |
| **WET** | IP67 |

## 4 CCT

## 5 WATTAGE

## 6 LENS

| | |
|---|---|
| **ENC/TL** | Encapsulated in Translucent |

For representation of LED visibility, see Diode Visibility section on following pages

## 7 WIRE INPUT/OUTPUT

| | |
|---|---|
| **S1** | Single 1 (Input only) - End Feed |
| **S5** | Single 5 (Input only) - Seamless Feed |

## 8 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)

## 9 CONNECTOR/WIRE OUT

| | |
|---|---|
| **N/A** | Closed End (No feed) |

## 10 END CAPS

| | |
|---|---|
| **TL** | Translucent |

## 11 LENGTH

Minimum length is 12", maximum length is 191" not including end caps. Contact us for lengths under 12".
Available in 2" increments.

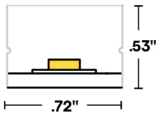
Warranty only valid with QTL power supplies | Up/Down Bend | Data subject to change, all data has +/- 5% tolerance | Only FC fixtures are Field-Cuttable per installation instructions | Field Cuttable is not returnable or refundable after it has been cut | Field Cuttable is not returnable or refundable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

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# Q-CAP LUME-01 FOR TUNABLE APPLICATIONS

24VDC Flexible Fixtures

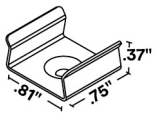
## 1 PRODUCT - DIMENSIONS




Profile
(Standard)

## 2 MOUNTING

**WSC**

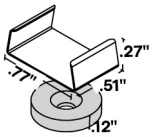



White Snug Clip
Indirect uplight

To order separately use WSC

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

**MC**

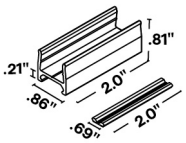



Magnetic Clip
Cove use only

To order separately use MC

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

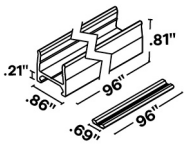
**PPS-LP-CL-2**




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 ENC/TL | | 2.5HE W/FT ENC/TL | |
|---|---|---|---|---|
| | LM | CRI | LM | CRI |
| 2200K | ** | ** | ** | ** |
| 2400K | 90 | 93 | 121 | 92 |
| 2700K | 64 | 97 | 133 | 97 |
| 3000K | ** | ** | ** | ** |
| 3500K | ** | ** | ** | ** |
| 4000K | ** | ** | ** | ** |

## 6 DIODE VISIBILITY

ENC/TL - Translucent encapsulation

## TEMPERATURE RATINGS

| | DW 1.5 HE W/FT QTL power supply other than DALI, DMX | | DW 3.0 HE W/FT DALI, DMX, or non-QTL power supply | | DW 2.5 HE W/FT QTL power supply other than DALI, DMX | | DW 5.0 HE W/FT 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 | 110°F |
| Storage Temp | -4°F | 140°F | -4°F | 140°F | -4°F | 140°F | -4°F | 140°F |
| Installation Temp | 50°F | 100°F | 50°F | 100°F | 50°F | 100°F | 50°F | 100°F |

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# Q-CAP LUME-01 FOR TUNABLE APPLICATIONS

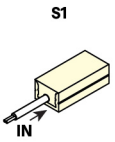
24VDC Flexible Fixtures

## BUG RATING

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

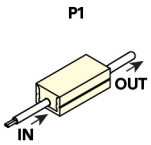
## 7 WIRE INPUT/OUTPUT

SINGLE (Input only)



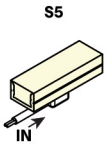

End Feed

PASS THROUGH (Input/Output)



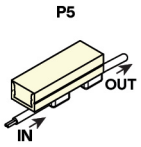

End Feed

SEAMLESS SINGLE (Input only)



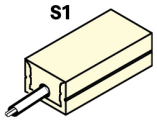

Seamless Feed

SEAMLESS PASS THROUGH (Input/Output)

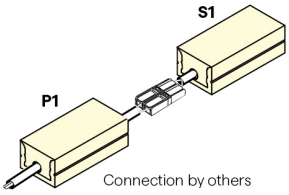



Seamless Feed

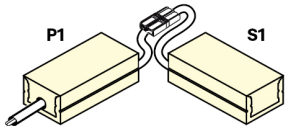
## CONFIGURATION OPTIONS



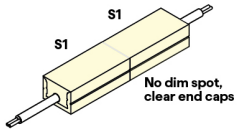

Single End Feed



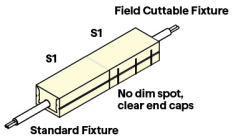

Non-Continuous End Feed




Non-Continuous Corner Feed




Continuous End to End Feed




Field Cuttable - Continuous End to End Feed

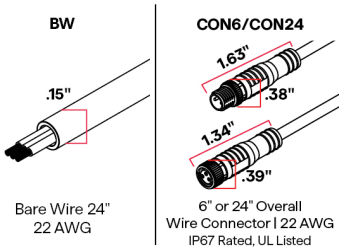
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# Q-CAP LUME-01 FOR TUNABLE APPLICATIONS

24VDC Flexible Fixtures

## 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

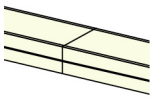



Bare Wire 24"
22 AWG

6" or 24" Overall
Wire Connector | 22 AWG
IP67 Rated, UL Listed

## 10 END CAPS (NO FEED)

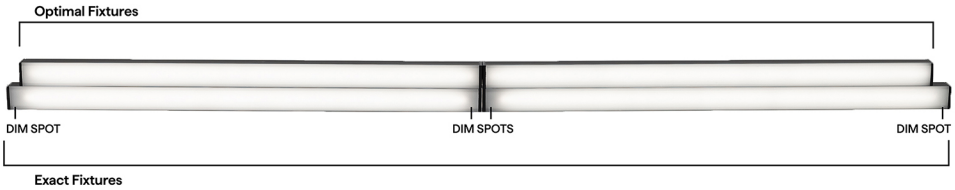
**TL**



Translucent endcaps
.0" added at end

.00" dim spot

## 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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# Q-CAP LUME-01 FOR TUNABLE APPLICATIONS

24VDC Flexible Fixtures

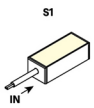
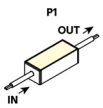
## DW LENGTHS BY INCH

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   End Feed | P1   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<br>QT-CAB-eLED+DALI-DT8<br>QT-CAB-eLED+DALI-DT8-AWN<br>QT-CAB-eLED+TW<br>QTM-eLED+DALI-DT6<br>QTM-eLED+DALI-DT8<br>QTM-eLED+DALI-DT8-AWN<br>QTM-eLED+TW<br>QZ-DMX | Q-SET-QZ-DMX<br>QOM-eLED+DALI-DT6<br>QOM-eLED+DALI-DT6-PS<br>QOM-eLED+DALI-DT8<br>QOM-eLED+DALI-DT8-PS<br>QOM-eLED+TW<br>QZ-DMX |
| 1% | QZ-DALI-DT8 | Q-SET+QZ-DALI-DT8<br>QZ-DALI-DT8 |
| 10% | Non-Dim Power Supply with TW App Dongle | |

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# Q-CAP LUME-01 FOR TUNABLE APPLICATIONS

24VDC Flexible Fixtures

| DIMMING PROTOCOL | INDOOR | OUTDOOR |
|---|---|---|
| | DW-HE Tunable Applications | DW-HE Tunable Applications |
| **0-10V** | QT-CAB-eLED+TW<br>QTM-eLED+TW | QOM-eLED+TW |
| **Lutron Athena** | QT-CAB-eLED+DALI-DT8-AWN<br>QTM-eLED+DALI-DT8-AWN | |
| **DMX**<br>LED wattage must be doubled for DW-HE products | QZ-DMX | Q-SET-QZ-DMX<br>QZ-DMX |
| **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 TW App Dongle | |

## COMPATIBLE MOUNTING ACCESSORIES

**Q-ANGLE**




Adjustable mounting accessory

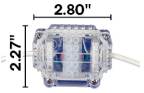
**iQ-QCAP-UNV-CUTTER**



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

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Specification subject to change. Rev-08-24-26

# Q-CAP LUME-01 FOR TUNABLE APPLICATIONS

24VDC Flexible Fixtures

## COMPATIBLE APPS

**NFC APP**




Read and write DMX addresses and adjust voltage

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