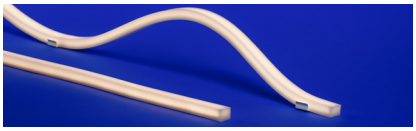
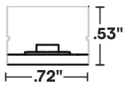
Q-CAP LUME-01 FOR TUNABLE APPLICATIONS

24VDC Flexible Fixtures





- Flexible encapsulated fixture
- Three-sided illumination
- Up/down bend
- 6" bend radius
- Interior and exterior rated (not including FC)
- Available in a seamless configuration for a continuous line of light
- 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

(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

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-MC-DRY-24/30-1.5HE-ENC/TL-P1-BW-BW-N/A-48"-E**

A1 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.

A2 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.

A3 RATED

DRY	IP20
WET	IP67

A4 CCT

22/30	2200K/3000K
22/35	2200K/3500K
24/30	2400K/3000K
24/40	2400K/4000K
27/40	2700K/4000K

A5 WATTAGE

1.5HE	1.5WHE-SO
2.5HE	2.5WHE-HO

SO: Standard Output
HO: High Output

A6 LENS

ENC/TL Encapsulated in Translucent

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

A7 WIRE INPUT/OUTPUT

SINGLE (Input only)

S1	End Feed
S5	Seamless Feed

PASS THROUGH (Input/Output)

P1	End Feed
P5	Seamless 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)

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)

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)

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.

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

B. FIELD CUTTABLE Q-CAP

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

B1	B2	B3	B4	B5	B6
PRODUCT	MOUNTING	RATED	CCT	WATTAGE	LENS
		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-FC-DW-MC-DRY-24/30-1.5HE-ENC/TL-S1-BW-N/A-TL-48"-N/A**

B1 PRODUCT

LUME-01-FC-DW
LUME-01-FC-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.

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

22/30	2200K/3000K
22/35	2200K/3500K
24/30	2400K/3000K
24/40	2400K/4000K
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
S5	Seamless 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

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”

B12 EXACT/OPTIMAL

N/A

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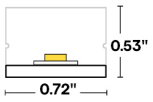
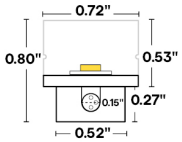
Q-CAP LUME-01 FOR TUNABLE APPLICATIONS

24VDC Flexible Fixtures

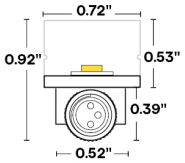
1 PRODUCT - DIMENSIONS



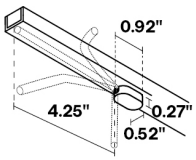
Profile
(Standard)



Profile
(Seamless bare wire)



Profile
(CON6-24 barrel)

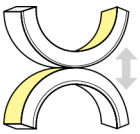


Seamless Omnidirectional
wireways (S5, P5)

Shown with bare wire
connectors vary

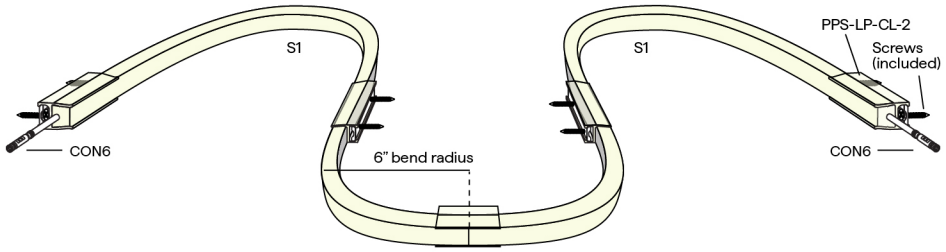
BEND RADIUS

Up/Down Bend



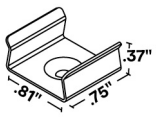
6" bending radius

FLEXIBILITY



2 MOUNTING

WSC

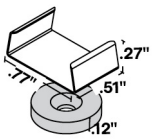


White Snug Clip
Indirect uplight

To order separately use WSC

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

MC

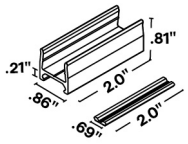


Magnetic Clip
Cove use only

To order separately use MC

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

PPS-LP-CL-2

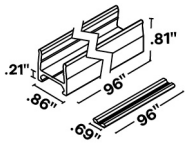


Low profile PC Mounting
Clip - Clear finish

To order separately use LUME-PPS-LP-CL-2

PPS kit quantity: **(2 kits per ft) + 1.**
For example: 1 ft = (2 × 1) + 1 = 3 PPS kits provided.

PPS-LP-CL-96



Low profile PC channel
96" straight linear run
Clear finish

To order separately use LUME-PPS-LP-CL-96

PPS kit quantity: **(2 kits per ft) + 1.**
For example: 1 ft = (2 × 1) + 1 = 3 PPS kits provided.

Each clip comes with a #8" flat screw

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Q-CAP LUME-01 FOR TUNABLE APPLICATIONS

24VDC Flexible Fixtures

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		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	-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

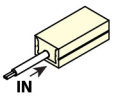
BUG RATING

WATTAGE	B	U	G
1.5HE ENC/TL (ALL CCTs)	B0	U1	G0
2.5HE ENC/TL (ALL CCTs)	B0	U2	G0

7 WIRE INPUT/OUTPUT

SINGLE (Input only)

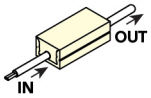
S1



End Feed

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

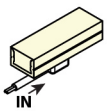
P1



End Feed

SEAMLESS SINGLE (Input only)

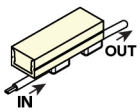
S5



Seamless Feed

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

P5



Seamless Feed

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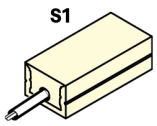
Specification subject to change. Rev-11-24-26

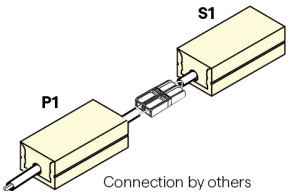
Q-CAP LUME-01 FOR TUNABLE APPLICATIONS

24VDC Flexible Fixtures

CONFIGURATION OPTIONS

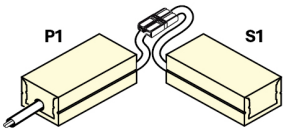


Single End Feed



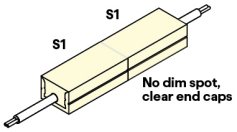
Connection by others

Non-Continuous End Feed

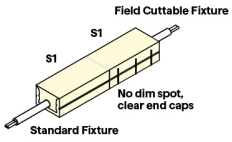


Connection by others

Non-Continuous Corner Feed

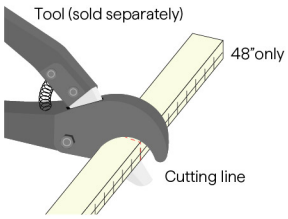


Continuous End to End Feed



Field Cuttable - Continuous End to End Feed

FIELD CUTTABLE MARKING



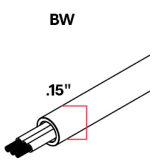
Field cuttable fixtures are sold in 4' increments and go at the end of a run, allowing for easy field adjustment



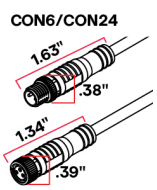
Note: Only FC fixtures are field cuttable — Do not attempt to cut non FC fixtures.
Cut only on the marked cut lines. Only cut from non-feed end. Do not attempt to cut while power is on.

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



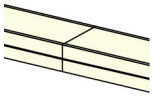
Bare Wire 24"
22 AWG



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

11 LENGTH - WIRING DETAIL

Available in 2" increments 12"-191"



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Specification subject to change. Rev-11-24-26

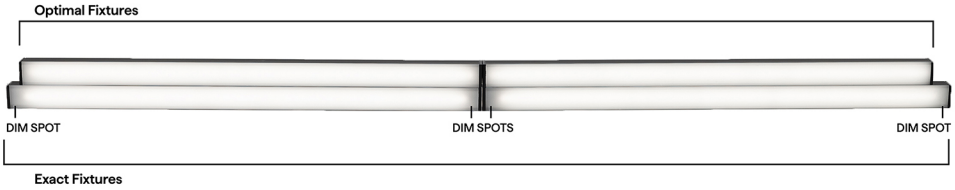
Q-CAP LUME-01 FOR TUNABLE APPLICATIONS

24VDC Flexible Fixtures

12 EXACT/OPTIMAL FIXTURE LENGTH

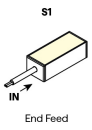
E/O Length Calculator → E/O Explained →

Exact fixtures are the exact length specified +0 -1/8". 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.

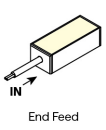
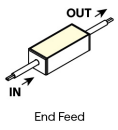
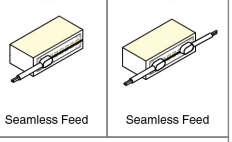


DW-HE ENC LENGTHS BY INCH

EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture 
12"	1"
13"	0.5"
14"	1"
15"	0.5"
16"	1"
17"	0.5"
18"	1"
19"	0.5"
20"	1"
21"	0.5"
22"	1"
23"	0.5"
24"	1"
36"	1"
48"	1"
60"	1"
72"	1"
84"	1"
96"	1"

OPTIMAL LENGTH

Requested Nominal Length	S1 	P1 	S5 & P5 
12"	10.58"	10.95"	10.20"
13"	12.58"	12.95"	12.20"
14"	12.58"	12.95"	12.20"
15"	14.58"	14.95"	14.20"
16"	14.58"	14.95"	14.20"
17"	16.58"	16.95"	16.20"
18"	16.58"	16.95"	16.20"
19"	18.58"	18.95"	18.20"
20"	18.58"	18.95"	18.20"
21"	20.58"	20.95"	20.20"
22"	20.58"	20.95"	20.20"
23"	22.58"	22.95"	22.20"
24"	22.58"	22.95"	22.20"
36"	34.58"	34.95"	34.20"
48"	46.58"	46.95"	46.20"
60"	58.58"	58.95"	58.20"
72"	70.58"	70.95"	70.20"
84"	82.58"	82.95"	82.20"
96"	94.58"	94.95"	94.20"

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 QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QTM-eLED+TW QZ-DMX	Q-SET-QZ-DMX QOM-eLED+DALI-DT6 QOM-eLED+DALI-DT6-PS QOM-eLED+DALI-DT8 QOM-eLED+DALI-DT8-PS 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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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 QTM-eLED+TW	QOM-eLED+TW
Lutron Athena	QT-CAB-eLED+DALI-DT8-AWN QTM-eLED+DALI-DT8-AWN	
DMX LED wattage must be doubled for DW-HE products	QZ-DMX	Q-SET-QZ-DMX QZ-DMX
DALI-2: DT6 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 LED wattage must be doubled for DW-HE products except for AWN	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

Q-ANGLE



Adjustable mounting accessory

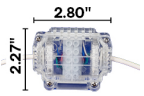
iQ-QCAP-UNV-CUTTER



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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Q-CAP LUME-01 FOR TUNABLE APPLICATIONS

24VDC Flexible Fixtures

COMPATIBLE APPS

NFC APP

Q-NFC

Read and write DMX addresses and adjust voltage

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Q-CAP LUME

Flexible Fixtures

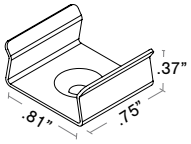
Mounting

NOTE: 2 white snug clips provided per first 12", 1 for each additional 12".
Other mounting styles incur additional charge, see price guide for details.

WSC:

WHITE SNUG CLIP

- For indoor/outdoor use
- Surface mounting
- Stainless steel/corrosion resistant
- Discrete mounting
- White glossy finish

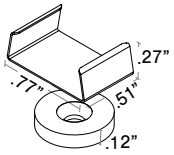


MOUNTING HARDWARE
- #6 flat screw (one provided for each clip)
- 832 Silicone (sold separately)

MC:

MAGNETIC CLIP

- For indoor/outdoor use
- Steel clip
- Neodymium magnet
- Easy install
- Easily detachable
- For inaccessible locations such as cove area
- White glossy finish

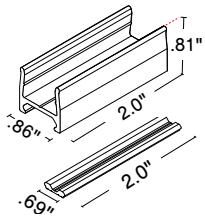


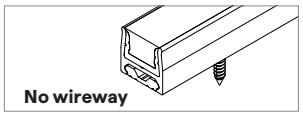
MOUNTING HARDWARE
- #6 flat screw (one provided for each clip)
- 832 Silicone (sold separately)

LUME-PPS-LP-CL-2:

PC LOW PROFILE MOUNT CLIP

- Clear Polycarbonate (PC)
- For indoor/outdoor use
- Surface mounting
- No wire way
- Can be mounted with or without PPS-BRACKET (**COVE FRIENDLY**)



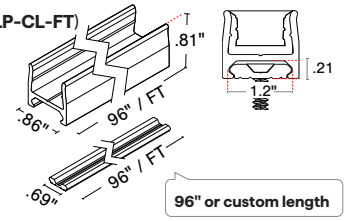


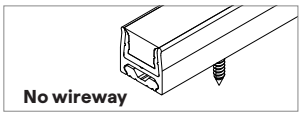
MOUNTING HARDWARE
- #8 Flat head screw (1 screw for every 16")
- 832 Silicone (sold separately)

LUME-PPS-LP-CL-96 & LUME-PPS-LP-CL-FT:

PC LOW PROFILE MOUNT CHANNEL

- Clear Polycarbonate (PC)
- 96" (**PPS-LP-CL-96**) or custom length (**PPS-LP-CL-FT**)
- For indoor/outdoor use
- Surface mounting
- Low profile mounting
- No wire way
- Can be mounted with or without PPS-BRACKET (**COVE FRIENDLY**)





MOUNTING HARDWARE
- #8 Flat head screw (1 screw for every 16")
- 832 Silicone (sold separately)

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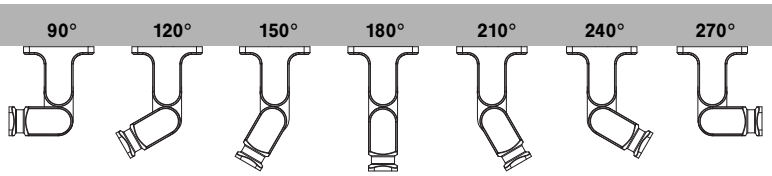
Q-CAP LUME

Flexible Fixtures

Mounting Accessories

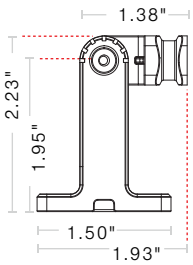


Q-ANGLE

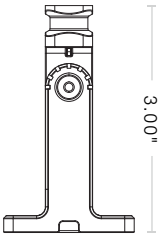
(Full ordering guide and installation available for this product in the accessories section of website)

- Offset lighting to illuminate signs, artwork, etc.
- For indoor/outdoor use
- Wall, ceiling, or floor mounted
- Anodized aluminum/corrosion resistant
- Free moving rotating head which can be locked into specific angles
- Preset dial notches for easy adjustments from 90° to 270°

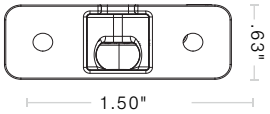
90° BACK VIEW



180° BACK VIEW

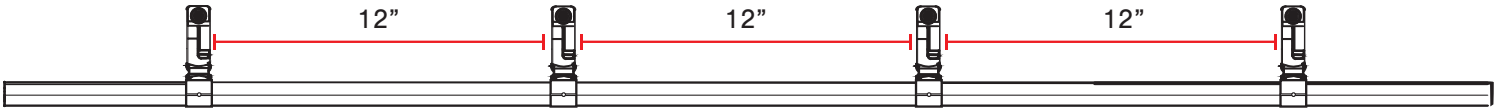


BASE; BOTTOM VIEW



MOUNTING HARDWARE

- White Snug Clip
- 6-32 Fillister head screw
- 4-40 Flat head screw
- Drywall anchor (not provided)
- #6- 1¼ " wood screw



Q-ANGLE MUST BE MOUNTED EVERY 12"

SEE Q-ANGLE INSTALL FOR MORE INFORMATION

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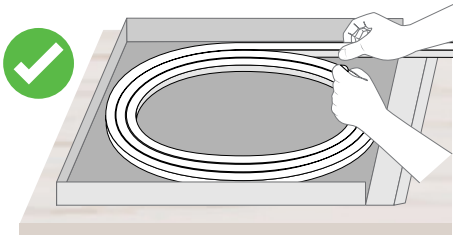
LUME

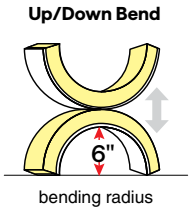
Q-CAP HANDLING INSTRUCTIONS

WARNING: FRAGILE

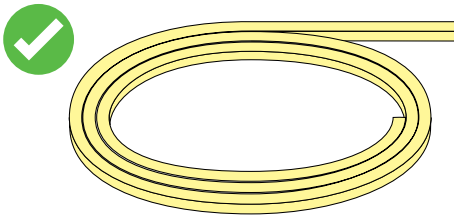
Flexible fixtures contain sensitive electronics, requiring careful handling and installation to preserve their warranty. When unpacking flexible fixtures, handle them gently and test all fixtures upon receiving.



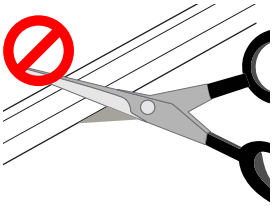
Keep the fixtures flat and supported when removing them from the box. Unroll them carefully on a flat surface and do not bend them against the intended bend direction.



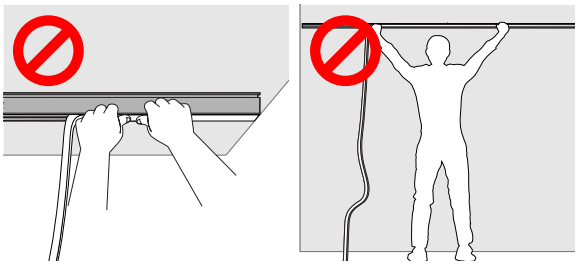
This LUME fixture can only be up and down bent. Do not bend the fixture more than a 6" radius.



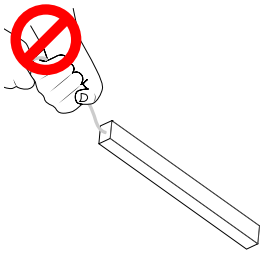
Powering the fixtures prior to installing will warm them up and make them more flexible, preventing damage.



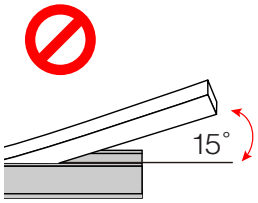
Only FC fixtures are field cuttable. Do not attempt to cut non-FC fixtures. Field modifications void warranty.



Do not let any portion of the fixture hang in any direction during installation. Use two people to install to ensure the fixture does not hang.



Do not grab or pull by the wire feeds.



Do not bend the fixture more than 15 degrees when installing into mounting brackets or channels.

MISHANDLING OF FIXTURES DURING INSTALLATION VOIDS WARRANTY

TEMPERATURE RATINGS

Static White & Static White HE	1.5 W/FT		1.5HE W/FT		3.0 W/FT		3.0HE W/FT		5.0 W/FT		6.0HE W/FT	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
Ambient Operating Temp - Surface	-4°F	130°F	-4°F	140°F	-4°F	125°F	-4°F	125°F	-4°F	105°F	-4°F	95°F
Storage Temp	-4°F	140°F	-4°F	140°F	-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	50°F	100°F	50°F	100°F

Static Color	5.0 W/FT	
	Min	Max
Ambient Operating Temp - Surface	-4°F	105°F
Storage Temp	-4°F	140°F
Installation Temp	50°F	100°F

Tunable & Warm Dim	DW 1.5HE W/FT		DW 2.5HE W/FT	
	Min	Max	Min	Max
Ambient Operating Temp - Surface	-4°F	140°F	-4°F	125°F
Storage Temp	-4°F	140°F	-4°F	140°F
Installation Temp	50°F	100°F	50°F	100°F

RGB	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

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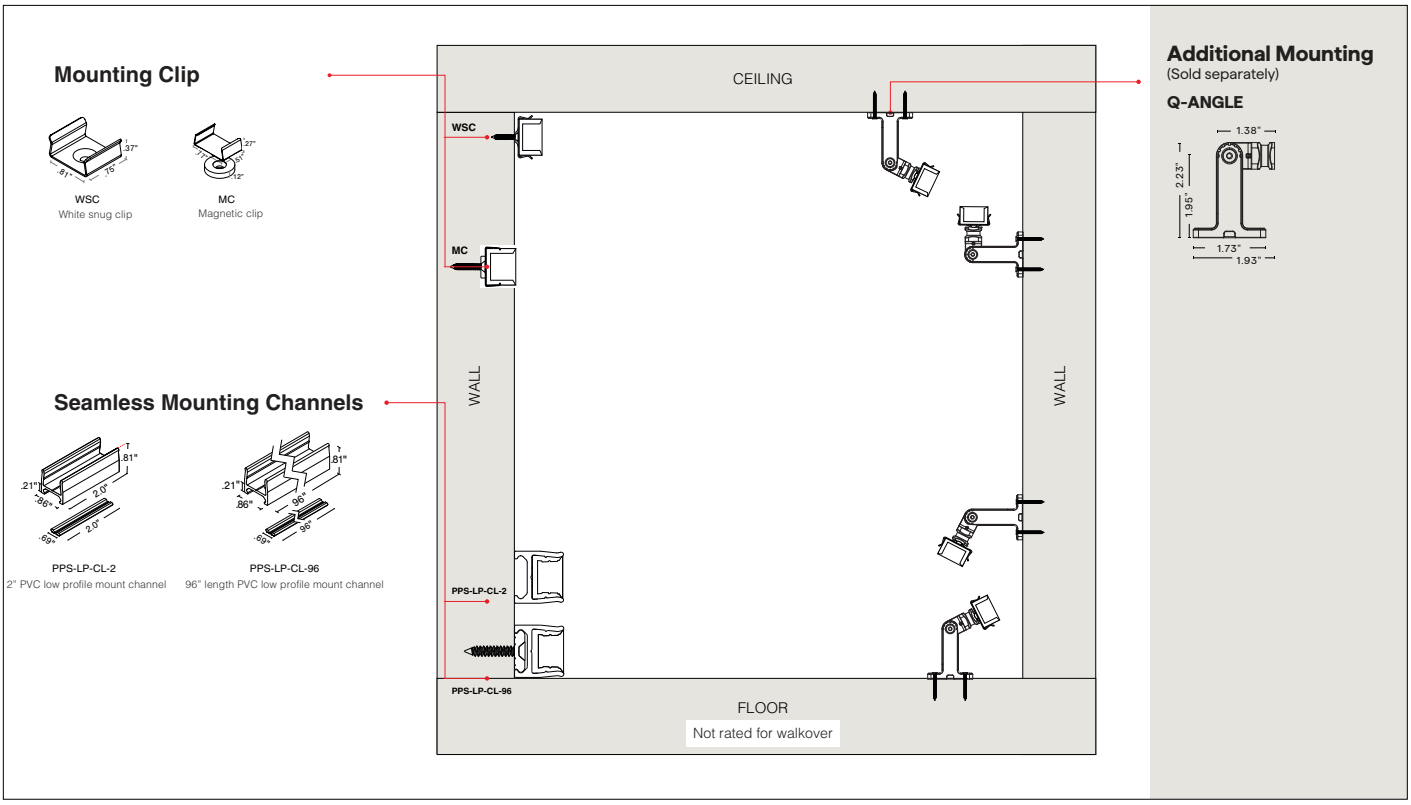
Q-CAP LUME-01

Q-CAP Flexible Fixtures Installation Instructions

ATTENTION: Please read all instructions BEFORE installation

- Product to be installed by a licensed electrician - Field modifications void warranty
- Use only with Class 2 power supply unit — Warranty only valid with QTL power supplies
- Surface mount or recessed in millwork
- Not rated for walkover
- Input Voltage: 24VDC
- Diagrams for representation only and not to scale.

METHODS OF INSTALLATION



Mounting Method

- WSC (page 6)
- MC (page 7)
- PPS-LP-CL-2 (page 8)
- PPS-LP-CL-96 (page 9)

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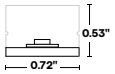
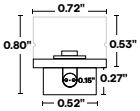
Q-CAP LUME-01

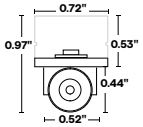
Q-CAP Flexible Fixtures Installation Instructions



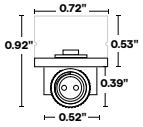
LUME Profile



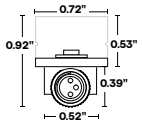
LUME Profile
(Seamless BW)



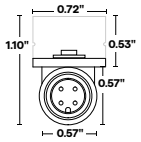
LUME Profile
(Seamless BRL)



LUME Profile
(Seamless CON24
SW, SC)



LUME Profile
(Seamless CON24
DW-HE)



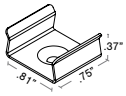
LUME Profile
(Seamless CON24
RGB)

COMPONENTS & HARDWARE

Alternate screw lengths can be used in installation as long as the screw diameter size is consistent with the included screw diameter size

MOUNTING CLIP & MOUNTING CHANNEL

WSC



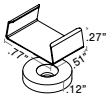
White snug clip

Included

- #6 Flat Screw (one provided for each clip)

- White snug clip included with side graze channel
- 2 white snug clips provided per first 12", 1 for each additional 12".Other mounting styles incur additional charge, see price guide for details

MC



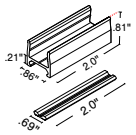
Magnetic clip
(Cove use only)

Included

- #6 Flat Screw (one provided for each clip)

SEAMLESS MOUNTING CLIP & SEAMLESS MOUNTING CHANNEL

PPS-LP-CL-2



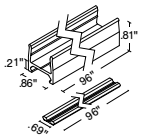
Low profile
PVC mounting clip

Included

- #8 flat head screw (one provided for each clip)
- No wireway

- Join two fixtures together
- PPS kit quantity: **(2 kits per ft) + 1**. For example: 1 ft = (2 × 1) + 1 = 3 PPS kits provided.

PPS-LP-CL-96



Low profile
PVC channel

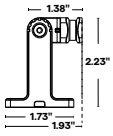
Included

- #8 flat head screw (1 screw for every 16")
- No wireway

- Support the fixtures
- PPS kit quantity: **(2 kits per ft) + 1**. For example: 1 ft = (2 × 1) + 1 = 3 PPS kits provided.

ACCESSORIES SOLD SEPARATELY

Q-ANGLE; sold in pairs



Q-ANGLE

Included

- 4 SS #6×1.25" Flat head wood screws
- 2 SS 4-40 Flat head clip screws
- 2 SS 6-32 Fillister screws

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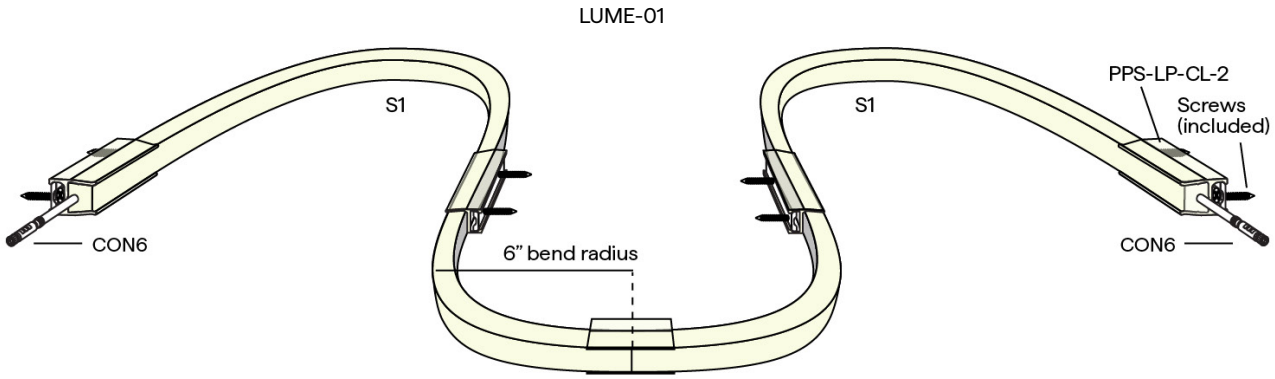
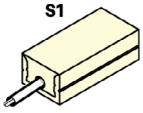
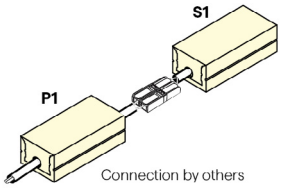
CONFIGURATION OPTIONS

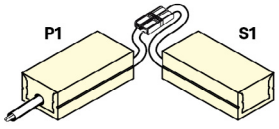




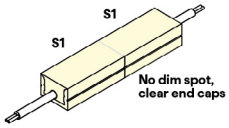
Single End Feed



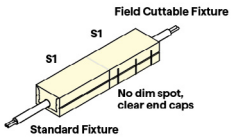
Non-Continuous End Feed



Non-Continuous Corner Feed



Continuous End to End Feed



Field Cuttable - Continuous End to End Feed

Review wire method to ensure clean installation prior to mounting finished fixture.

NOTE: Additional wire methods include:
S1: Connector/Wire Input only
P1: Connector/Wire Input and Output

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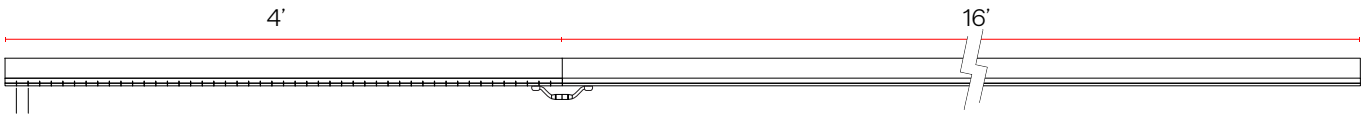
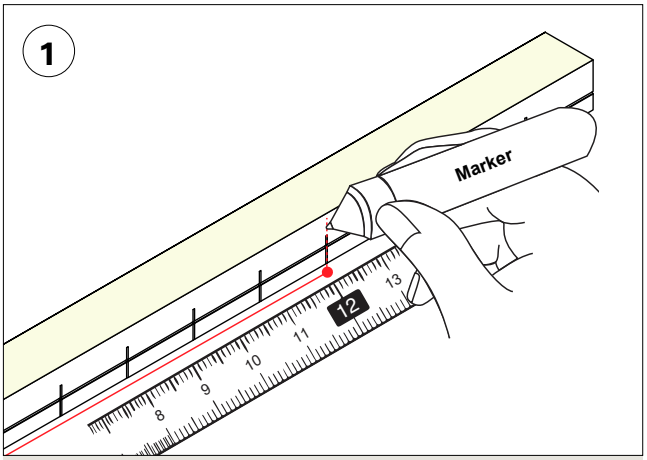
FIELD CUTTABLE

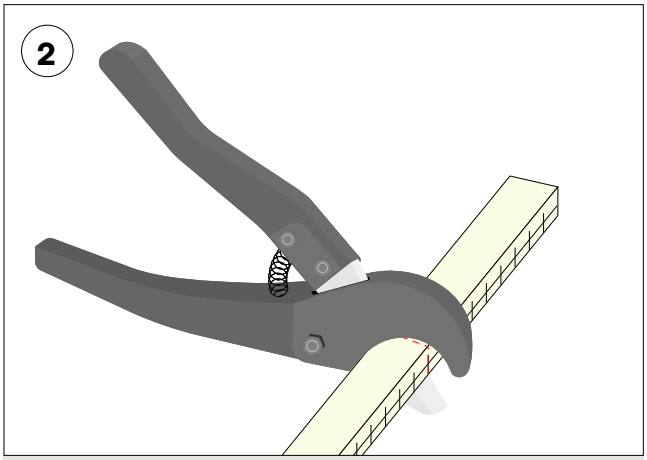
- Field cuttable fixtures are sold in 4' increments and go at the end of a run, allowing easy field adjustment
- Only FC fixtures are field cuttable - DO NOT CUT NON-FIELD CUTTABLE FIXTURES
- Do not attempt to cut while power is on





Mark desired length on field cuttable housing on the cut line.

NOTE: Only Cut on the marked cut lines. Only cut from non-feed end.



Cut with Q-CAP cutter tools (sold separately).

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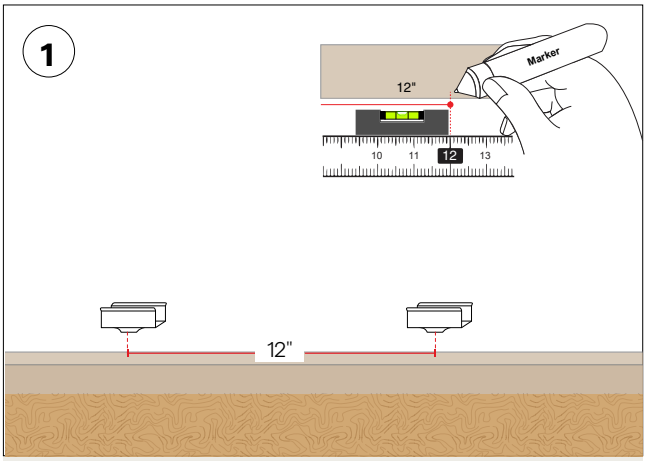
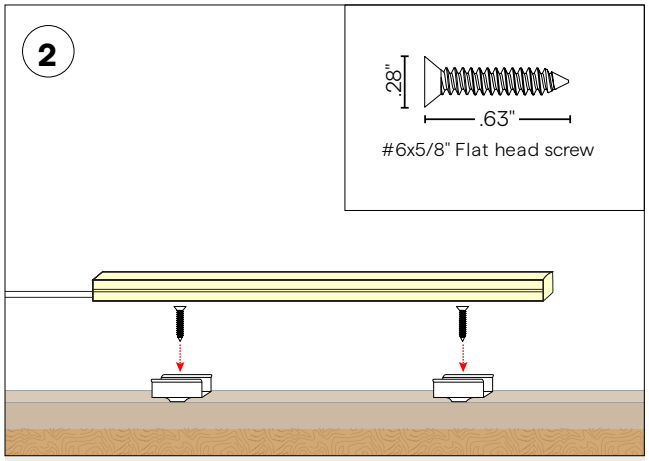
SURFACE MOUNTING METHOD: **WHITE SNUG CLIP**

- 2 clips provided per first 12", 1 for each additional 12"

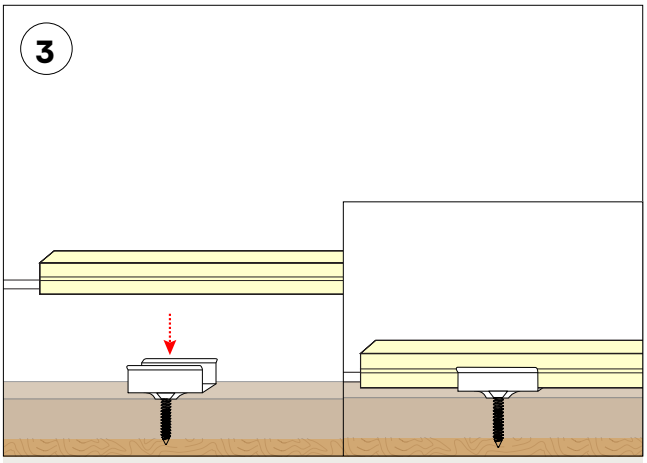


Determine the fixture(s) location and positioning on desired surface; evenly distribute clips. Make any necessary reference markings to indicate where each clip is to be secured in place. Recommended every 12".



- Secure clips using the #6 flat head hardware provided
- Ensure the screw head is flush with the clip's base.

NOTE: Flat head screw type is dependent on surface/application material Alternative flat head screws may be required. Refer to the surface material manufacturer for suggested screw type.



Snap fixture onto clips.

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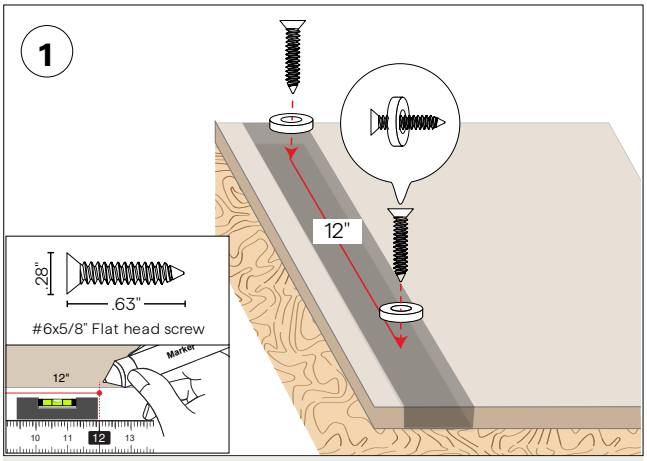
Q-CAP LUME-01

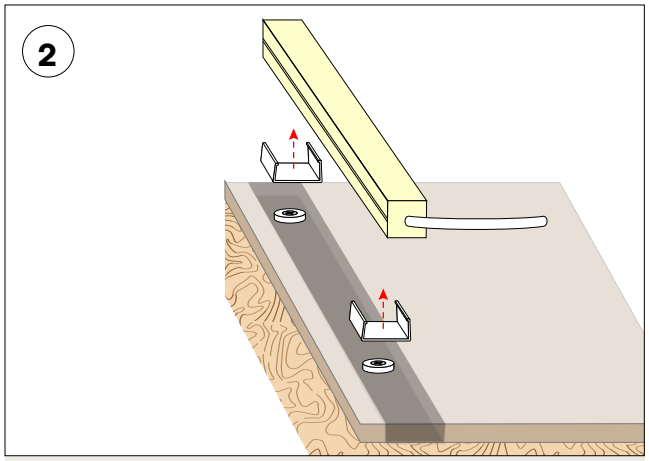
Q-CAP Flexible Fixtures Installation Instructions

MOUNTING METHOD: **MAGNETIC CLIP**

- 2 clips provided per first 12", 1 for each additional 12"

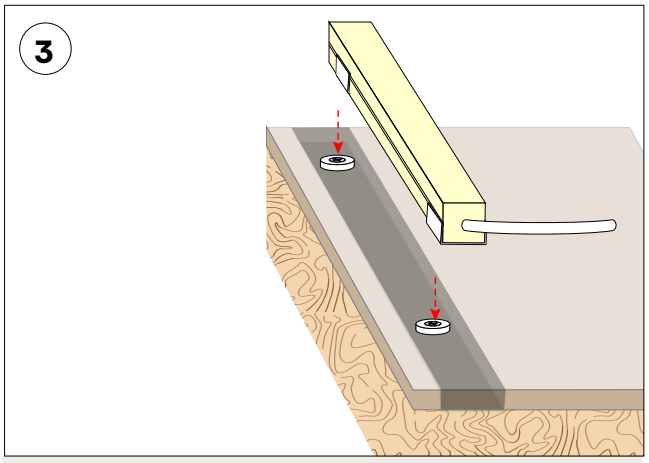


Determine the fixture(s) location and positioning on desired surface; evenly distribute clips. Make any necessary reference markings to indicate where each clip is to be secured in place. Recommended every 12".



Attach clips to fixture matching magnet distances.

NOTE: Flat head screw type is dependent on surface/application material. Alternative flat head screws may be required. Refer to the surface material manufacturer for suggested screw type.



Align and snap fixture to magnetic rings.

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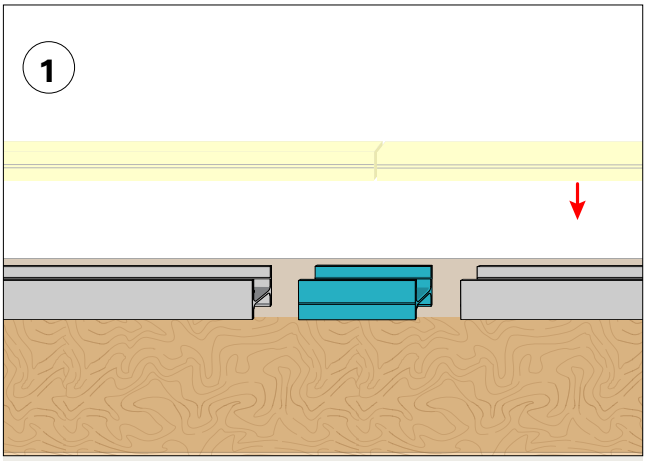
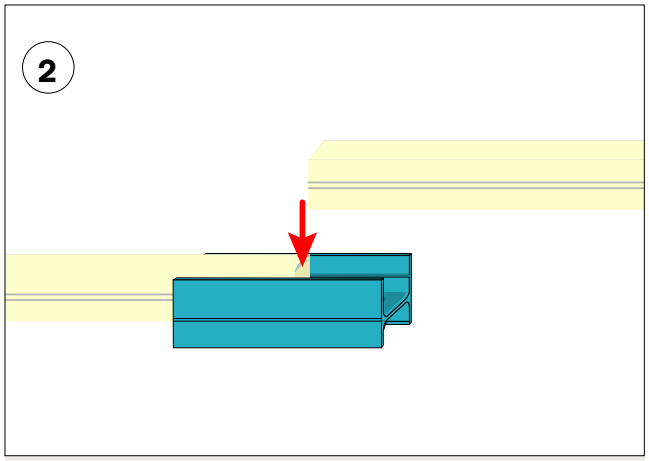
SEAMLESS MOUNTING METHOD: **PPS-LP-CL-2**

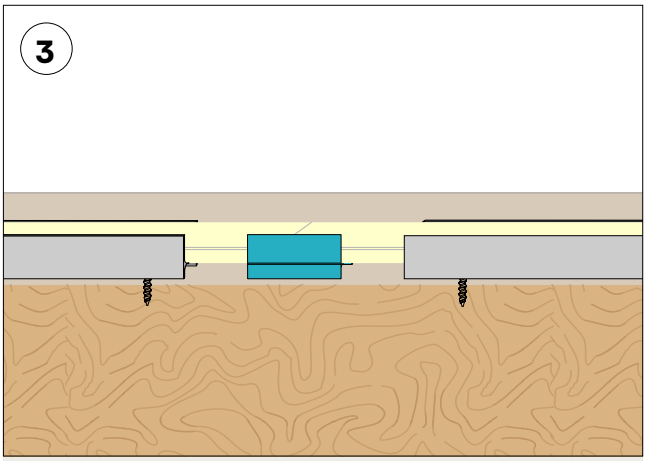
- Connects two fixtures, with no wire exit
- 2" low profile PVC mount channel



Snap in 2" channel.



Press fixture into mounted PPS channel.



Finished assembly for end feed mounting

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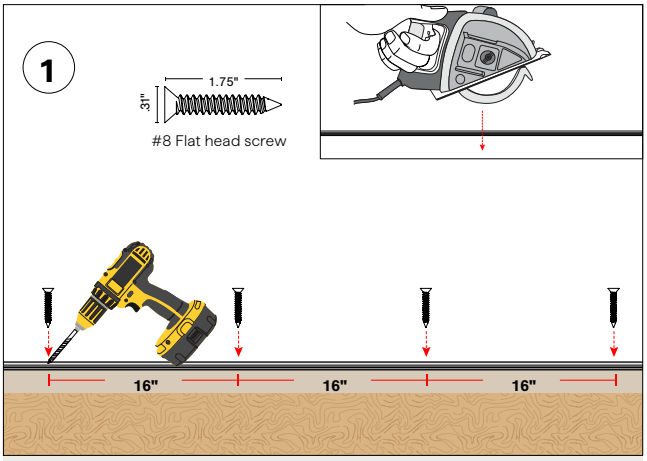
SEAMLESS MOUNTING METHOD: **PPS-LP-CL-96**

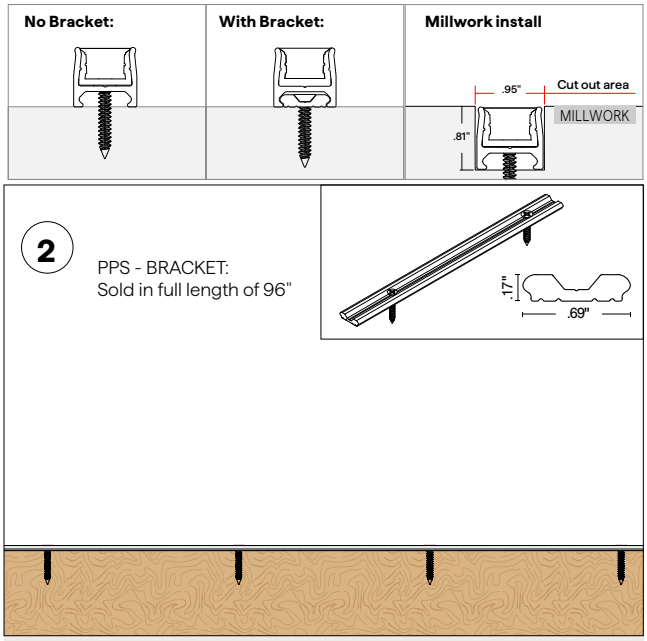
- Support two fixtures, without built-in wireway
- 96" (PPS-LP-CL-96) low profile PVC mount channel



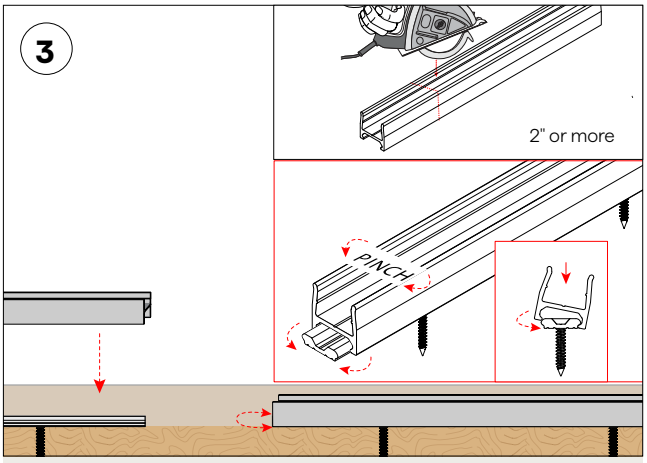
The PPS-BRACKET can be field cuttable and cut to whatever length your application requires. The PPS-BRACKET can be installed as a full length of 96", multiple smaller pieces, or end to end for longer seamless runs.

Using pre-drilled pilot holes screw the #8 flat head screws to mount the PPS-BRACKET (1 screw every 16").

NOTE: For drywall applications mount directly into a stud.



Using pre-drilled pilot holes, use the #8 flat head screws to mount the PPS-BRACKET.



To mount, pinch the upper half of the PPS-LP-CL-96 while you pivot it around one side of the PPS-BRACKET and push-in until you hear it snap into place. The PPS-LP-CL-96 flexes around the PPS-BRACKET to create a solid, and secure snap on connection.

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Q-CAP LUME-RGB(01)

Flexible Fixtures Color Data

WURM-DW-DRY-24-1.5HE-ENC/TL

2370 K

CRI: 92.7

CRI R9: 66.1

TM30 Rf: 91.0

TM30 Rg: 101.9

CQS: 87.2

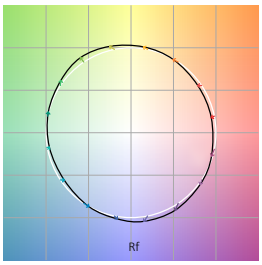
X: 0.490

Y: 0.416

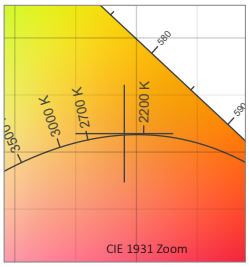
U: 0.279

V: 0.356

Δuv: 0.0004







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.6	95.1	93.6	93.9	92.2	94.0	93.8	85.0	66.1	86.3	94.4	81.1	93.9	95.0	90.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
85.2	92.6	85.2	86.2	87.3	84.5	83.3	87.6	93.5	89.5	90.1	90.6	90.7	85.7	85.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
92.0	92.3	86.4	91.1	92.6	91.2	90.4	92.9	94.3	92.1	90.0	88.9	91.3	87.2	92.1	88.5

TM30			
Hue Bin	R_f	Chroma	Hue
1	92	-4%	-1%
2	92	-4%	3%
3	86	-1%	7%
4	91	2%	5%
5	93	5%	5%
6	91	7%	0%
7	90	3%	-5%
8	93	0%	-5%
9	94	-2%	-2%
10	92	-4%	3%
11	90	0%	7%
12	89	3%	4%
13	91	5%	-5%
14	87	5%	-7%
15	92	2%	-5%
16	89	-2%	-8%

WURM-DW-DRY-27-1.5HE-ENC/TL

2695 K

CRI: 96.8

CRI R9: 92.7

TM30 Rf: 94.6

TM30 Rg: 102.2

CQS: 93.4

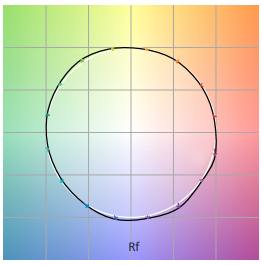
X: 0.462

Y: 0.413

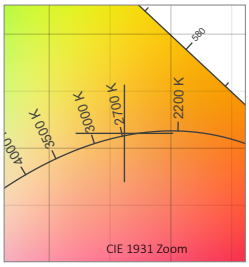
U: 0.263

V: 0.352

Δuv: 0.0008







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.6	96.8	92.7	97.5	97.4	95.4	98.0	98.0	92.7	91.0	96.4	82.5	98.1	94.8	97.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.5	96.9	89.2	91.5	93.9	91.4	90.4	94.8	95.0	94.2	95.0	95.8	96.4	95.6	95.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.9	97.7	94.4	94.8	94.9	94.4	95.2	96.6	97.1	93.9	90.5	91.5	95.8	93.2	95.7	90.6

TM30			
Hue Bin	R_f	Chroma	Hue
1	97	-1%	-1%
2	98	-1%	0%
3	94	0%	3%
4	95	-1%	2%
5	95	1%	3%
6	94	4%	1%
7	95	2%	-1%
8	97	1%	-2%
9	97	-1%	0%
10	94	-1%	4%
11	91	1%	7%
12	91	4%	3%
13	96	3%	0%
14	93	5%	-2%
15	96	1%	-2%
16	91	2%	-7%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-01-24

Q-CAP LUME-RGB(01)

Flexible Fixtures Color Data

WURM-DW-DRY-24-2.5HE-ENC/TL

2368 K

CRI: 92.3

CRI R9: 64.0

TM30 Rf: 90.3

TM30 Rg: 102.4

CQS: 86.4

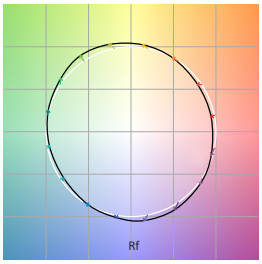
X: 0.489

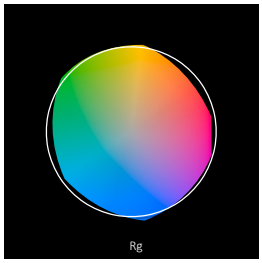
Y: 0.415

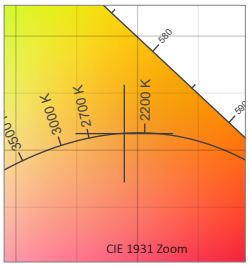
U: 0.280

V: 0.356

Δuv: -0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.2	95.0	94.2	93.3	91.9	94.1	93.1	83.8	64.0	86.3	94.0	82.1	93.6	95.3	89.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
83.8	92.6	85.0	86.0	86.8	83.4	81.8	86.4	93.7	88.9	89.3	89.7	90.0	85.2	84.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
91.4	91.5	85.0	89.8	91.4	89.9	88.7	91.6	93.4	92.2	90.0	88.4	90.9	86.6	91.2	88.4

TM30

Hue Bin	R_f	Chroma	Hue
1	91	-4%	-1%
2	91	-4%	3%
3	85	0%	7%
4	90	3%	6%
5	91	6%	5%
6	90	8%	0%
7	89	4%	-6%
8	92	0%	-6%
9	93	-3%	-3%
10	92	-4%	2%
11	90	-1%	7%
12	88	3%	4%
13	91	6%	-5%
14	87	5%	-8%
15	91	2%	-6%
16	88	-2%	-8%

WURM-DW-DRY-27-2.5HE-ENC/TL

2666 K

CRI: 96.6

CRI R9: 91.7

TM30 Rf: 94.2

TM30 Rg: 102.7

CQS: 92.7

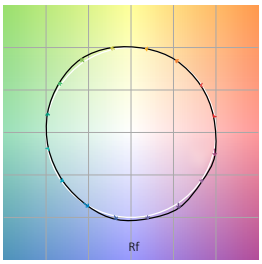
X: 0.463

Y: 0.411

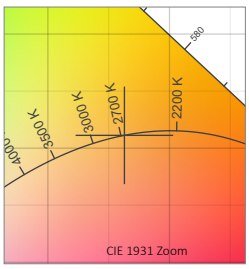
U: 0.264

V: 0.352

Δuv: 0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.4	96.9	92.9	97.1	97.2	95.4	97.7	97.3	91.7	91.0	96.5	83.4	97.9	94.9	97.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
94.6	96.7	88.5	90.8	93.2	90.4	88.9	93.6	95.1	93.4	94.5	95.7	96.5	95.3	94.8
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.6	97.4	93.1	94.1	94.5	93.4	94.4	95.5	96.8	94.2	90.5	91.1	95.2	93.0	95.1	90.9

TM30

Hue Bin	R_f	Chroma	Hue
1	97	-1%	-1%
2	97	-1%	1%
3	93	0%	3%
4	94	0%	3%
5	95	2%	4%
6	93	5%	1%
7	94	3%	-2%
8	95	1%	-3%
9	97	-1%	-1%
10	94	-2%	3%
11	91	0%	7%
12	91	4%	3%
13	95	3%	0%
14	93	5%	-2%
15	95	1%	-2%
16	91	2%	-7%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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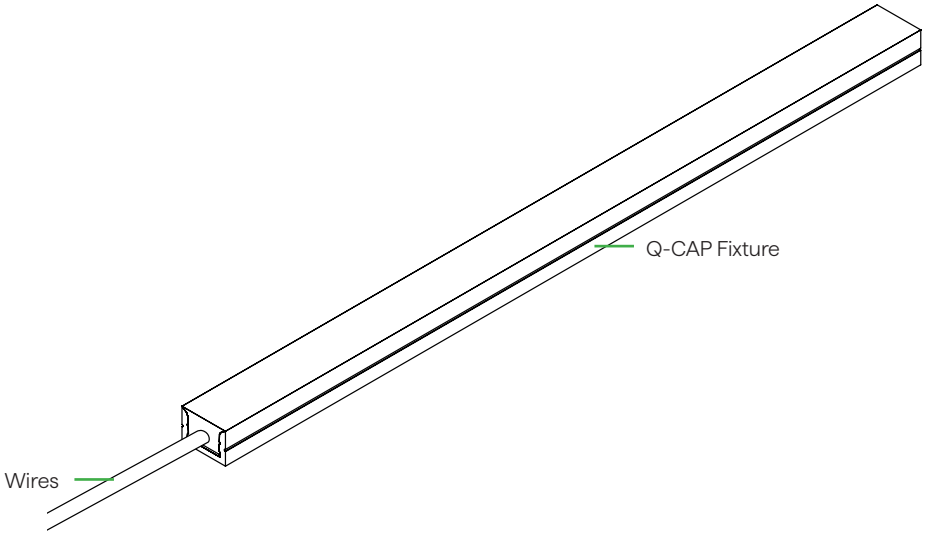
Specification subject to change. Rev-02-01-24

MATERIAL RECYCLING

Q-CAP FLEXIBLE FIXTURES

You may be done with your products, but chances are they still have more to give. Follow these instructions to break down and sort recyclable components. Check with local recycling collection to ensure they accept the materials listed below.

Additionally, Q-Tran offers a Takeback Program. Contact factory for information.



E

Q-CAP Fixture
Wires

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