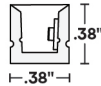
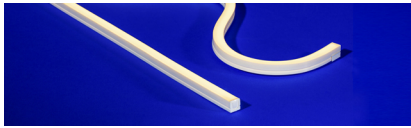




# Q-CAP WALA FOR TUNABLE APPLICATIONS

24VDC Flexible Fixtures



- Flexible encapsulated fixture
- Side bend
- 6" bend radius
- Interior and exterior rated (not including FC)
- Four different mounting options
- Available in seamless configurations for a continuous line of light
- Utilize clear end caps for continuous runs
- 60% smaller than QTL's ZALA fixture
- 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
				2.0	

### 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

Sample Part Number: **WALA-DW-WSC-DRY-24/30-2.0-ENC/TL-P1-BW-BW-N/A-48"-E**

A1

PRODUCT

WALA-DW

WALA-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

PPS-2

PVC Clip

PPS-96

PVC Channel

PPS-LP-2

PVC Low Profile Clip

PPS-LP-96

PVC Low Profile Channel

WSC

White Snug Clip

BN-SB-SST-16'

16' BENDIT Side Stainless Steel Channel

BN-SB-SST-32'

32' BENDIT Side Stainless Steel Channel

BN-SB-WH-16'

16' BENDIT Side White Stainless Channel

BN-SB-WH-32'

32' BENDIT Side White Stainless Channel

White snug clip only for indirect cove use, not intended for hanging fixtures upside down.

PPS mounting clip recommended for seamless applications

A3

RATED

DRY

IP20

WET

IP67

A4

CCT

24/30

2400K/3000K

27/40

2700K/4000K

A5

WATTAGE

2.0

2.0W-SO

SO: Standard Output

A6

LENS

ENC/CL

Encapsulated in Clear

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

S6

Seamless Feed

PASS THROUGH (Input/Output)

P1

End Feed

P5

Seamless Feed

P6

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

CL

Clear

WH

White

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.

5 year warranty | Warranty only valid with QTL power supplies | Side 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 WALA 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
WALA-FC-DW		DRY		2.0	

### 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	CL	48"	N/A

Sample Part Number: **WALA-DW-WSC-DRY-24/30-2.0-ENC/TL-P1-BW-BW-N/A-48"-E**

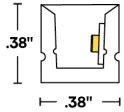
<b>B1</b> <b>PRODUCT</b> <b>WALA-FC-DW</b> LED engine is built with 3 wires requiring 0-10v, DMX or DALI control. Using DALI, DMX, or non QTL power supplies may double watts/ft. See last page for compatible power supplies.	<b>B2</b> <b>MOUNTING</b> <b>PPS-2</b> PVC Clip <b>PPS-96</b> PVC Channel <b>PPS-LP-2</b> PVC Low Profile Clip <b>PPS-LP-96</b> PVC Low Profile Channel <b>WSC</b> White Snug Clip <b>BN-SB-SST-16'</b> 16' BENDIT Side Stainless Steel Channel <b>BN-SB-SST-32'</b> 32' BENDIT Side Stainless Steel Channel <b>BN-SB-WH-16'</b> 16' BENDIT Side White Stainless Channel <b>BN-SB-WH-32'</b> 32' BENDIT Side White Stainless Channel  White snug clip only for indirect cove use, not intended for hanging fixtures upside down.  PPS mounting clip recommended for seamless applications	<b>B3</b> <b>RATED</b> <b>DRY</b> IP20	<b>B4</b> <b>CCT</b> <b>24/30</b> 2400K/3000K <b>27/40</b> 2700K/4000K	<b>B5</b> <b>WATTAGE</b> <b>2.0</b> 2.0W-SO SO: Standard Output
<b>B6</b> <b>LENS</b> <b>ENC/CL</b> Encapsulated in Clear <b>ENC/TL</b> Encapsulated in Translucent  For representation of LED visibility, see Diode Visibility section on following pages	<b>B7</b> <b>WIRE INPUT/OUTPUT</b> <b>SINGLE (Input only)</b> <b>S1</b> End Feed <b>S5</b> Seamless Feed <b>S6</b> Seamless Feed	<b>B8</b> <b>CONNECTOR/WIRE IN</b> <b>BW</b> Bare Wire (Standard 24") <b>CON6</b> Connector 6" <b>CON24</b> Connector 24"  BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)	<b>B9</b> <b>CONNECTOR/WIRE OUT</b> <b>N/A</b> Closed End (No feed)	
<b>B10</b> <b>END CAPS</b> <b>CL</b> Clear  Due to cutting, white endcaps are not available.	<b>B11</b> <b>LENGTH (IN)</b> <b>48"</b> Nominal  Starting Run length is 48.475" for S1, S5, & S6 Each cut point subtracts from the Starting Run Length 2.0 has a 2" cut point S1 can be cut down to as little as 2.475" S5 & S6 can be cut down to as little as 6.475"	<b>B12</b> <b>EXACT/OPTIMAL</b> <b>N/A</b>		



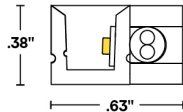
# Q-CAP WALA FOR TUNABLE APPLICATIONS

24VDC Flexible Fixtures

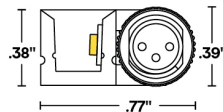
## 1 PRODUCT - DIMENSIONS



Profile  
(Standard)



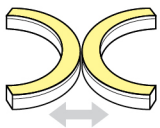
Profile  
(Seamless bare wire)



Profile  
(Seamless CON6-24)

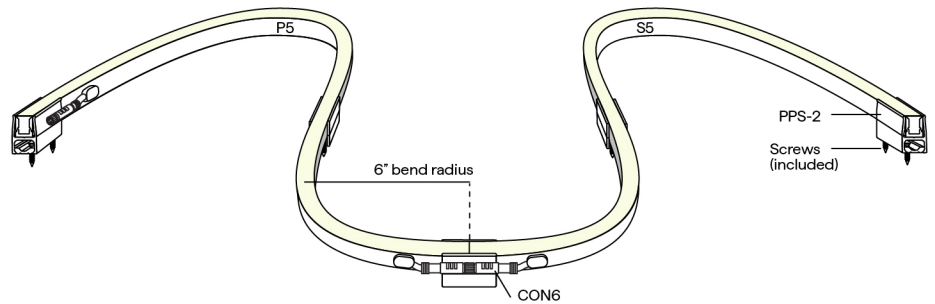
## BEND RADIUS

Side Bend



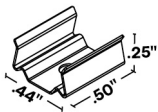
6" bending radius

## FLEXIBILITY



## 2 MOUNTING

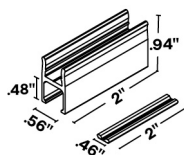
WSC



White Snug Clip  
Indirect uplight

To order separately use WSC-02  
Each clip comes with a #4x5/8" flat screw

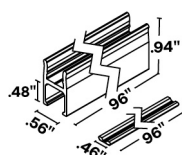
PPS-2



PVC Mounting Clip

To order separately use MICRO5-PPS2

PPS-96

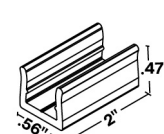


96" straight linear run

To order separately use MICRO5-PPS-96

Each clip comes with a #6" flat screw

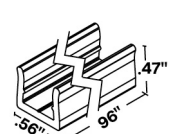
PPS-LP-2



Low profile PVC  
Mounting Clip

To order separately use MICRO5-PPS-LP-2

PPS-LP-96



Low profile PVC channel  
96" straight linear run

To order separately use MICRO5-PPS-LP-96

Each clip comes with a #6" flat screw

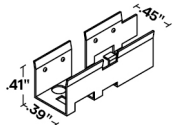


# Q-CAP WALA FOR TUNABLE APPLICATIONS

## 24VDC Flexible Fixtures

### MOUNTING CONTINUED

#### BN-SB



BENDIT Channel  
Horizontal Stainless Steel  
Flexible Channel

Continuous mounting solution for  
flexible fixtures, 16' or 32' field  
cuttable lengths

To order separately use either  
MICRO5-BN-SB-SST-16', MICRO5-  
BN-SB-SST-32', MICRO5-BN-SB-  
WH-16', or MICRO5-BN-SB-  
WH-32'

64 #4-40 1/2" screws provided per  
16'

### 4 / 5 DELIVERED LUMENS

[Calculated L70 = 40000 hrs]  
Tested with WALA-DW-WSC-DRY

CCT	2.0W/FT Total Load				Circuit Wattage
	ENC/CL		ENC/TL		
	LM	CRI	LM	CRI	
2400K	130	93	118	93	1.90
2700K	133	94	124	92	1.90
3000K	130	95	118	96	1.90
3500K	139	98	127	98	1.90
4000K	46	97	53	98	122

### 6 DIODE VISIBILITY



ENC/CL - Clear encapsulation

ENC/TL - Translucent encapsulation

### TEMPERATURE RATINGS

	DW 2.0 W/FT		DW 4.0 W/FT	
	QTL power supply other than DALI, DMX		DALI, DMX, or non-QTL power supply	
	Min	Max	Min	Max
Ambient Operating Temp - Surface	-4°F	135°F	-4°F	110°F
Storage Temp	-4°F	140°F	-4°F	140°F
Install Temp	50°F	100°F	50°F	100°F

### BUG RATING

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

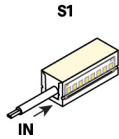


# Q-CAP WALA FOR TUNABLE APPLICATIONS

24VDC Flexible Fixtures

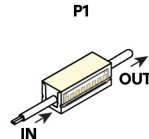
## 7 WIRE INPUT/OUTPUT

SINGLE (Input only)



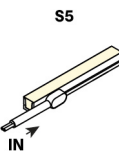
End Feed

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

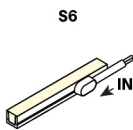


End Feed

SEAMLESS SINGLE (Input only)

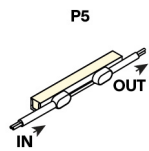


Seamless Feed

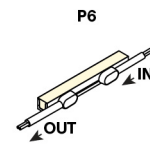


Seamless Feed

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

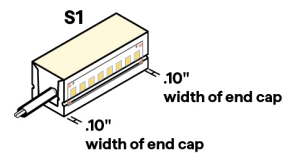


Seamless Feed

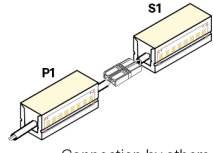


Seamless Feed

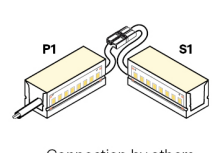
## CONFIGURATION OPTIONS



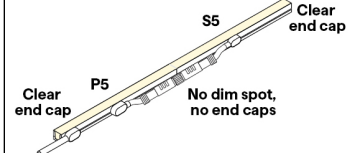
Single End Feed



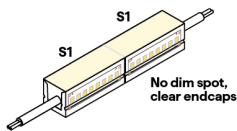
Connection by others  
Non-Continuous End Feed



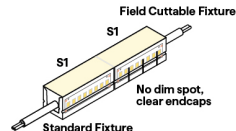
Connection by others  
Non-Continuous Corner Feed



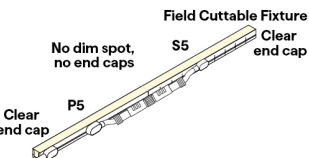
Seamless Side Feed



Continuous End to End Feed

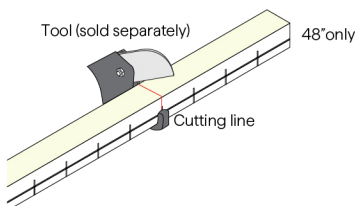


Field Cuttable - Continuous End to End Feed



Field Cuttable - Seamless Side 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.

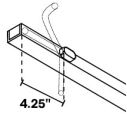


# Q-CAP WALA FOR TUNABLE APPLICATIONS

24VDC Flexible Fixtures

## SEAMLESS

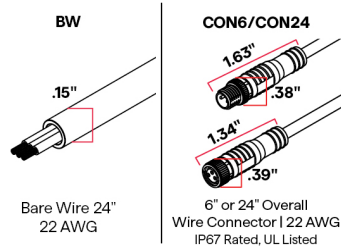
Shown with bare wire, connectors vary



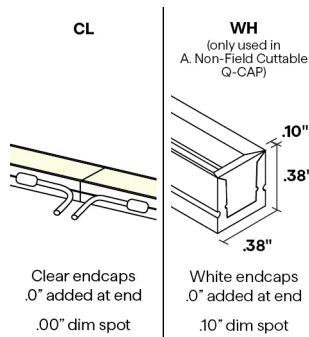
Omnidirectional  
Wireways  
S5, S6, P5, P6

## 8 / 9 CONNECTOR/WIRE - IN/OUT

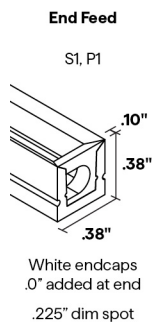
Connector/Wire In or Out not needed to specify product. Typical selection is S1 for Wire Input/Output, BW for Connector/Wire In, N/A for Connector/Wire Out, and WH for End Caps



## 10 END CAPS (NO FEED)



## END CAPS (WITH FEED)



## 11 LENGTH - WIRING DETAIL

Available in 2 inch increments 12 inch-191 inch

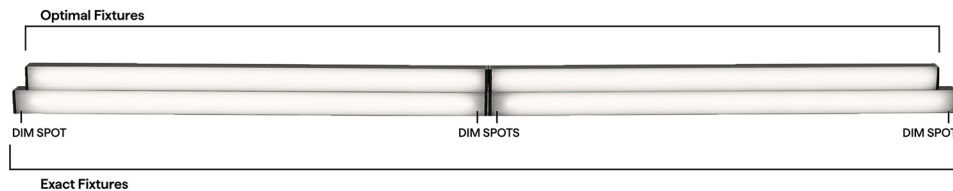


## 12 EXACT/OPTIMAL FIXTURE LENGTH

[E/O Length Calculator →](#)

[E/O Explained →](#)

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.





# Q-CAP WALA FOR TUNABLE APPLICATIONS

## 24VDC Flexible Fixtures


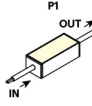


### DW LENGTHS BY INCH

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	P1	S5 & P5	
				
12"	10.63"	11"	10.25"	
13"	12.63"	13"	12.25"	
14"	12.63"	13"	12.25"	
15"	14.63"	15"	14.25"	
16"	14.63"	15"	14.25"	
17"	16.63"	17"	16.25"	
18"	16.63"	17"	16.25"	
19"	18.63"	19"	18.25"	
20"	18.63"	19"	18.25"	
21"	20.63"	21"	20.25"	
22"	20.63"	21"	20.25"	
23"	22.63"	23"	22.25"	
24"	22.63"	23"	22.25"	
36"	34.63"	35"	34.25"	
48"	46.63"	47"	46.25"	
60"	58.63"	59"	58.25"	
72"	70.63"	71"	70.25"	
84"	82.63"	83"	82.25"	
96"	94.63"	95"	94.25"	

### 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
	MICRO 5-DW Tunable Applications	MICRO 5-DW 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-AWN QTM-eLED+TW QTM-eLED+TW-AWN	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
1%	QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QZ-DALI-DT8
10%	Non-Dim Power Supply with TW App Dongle	



# Q-CAP WALA FOR TUNABLE APPLICATIONS

## 24VDC Flexible Fixtures

DIMMING PROTOCOL	INDOOR	OUTDOOR
	MICRO 5-DW Tunable Applications	MICRO 5-DW 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 LED wattage must be doubled for DW-HE products		Q-SET-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

**QUOVA-MICRO**

QUOVA Knife Edge

**NJ-MICRO**

J Mounting Bracket

**BL-MICRO**

Backwards L Mounting Bracket

**NL-MICRO**

L Mounting Bracket

**SD-L-MICRO**

L Mounting Bracket

**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 WALA FOR TUNABLE APPLICATIONS

24VDC Flexible Fixtures

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## COMPATIBLE APPS

### NFC APP



Read and write  
DMX addresses and  
adjust voltage