



# Q-CAP WALA FOR WARM DIM 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						ADDITIONAL INFORMATION REQUIRED TO ORDER					
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
PRODUCT	MOUNTING	RATED	CCT	WATTAGE	LENS	WIRE INPUT/OUTPUT	CONNECTOR/WIRE IN	CONNECTOR/WIRE OUT	END CAPS	LENGTH (IN)	EXACT/ OPTIMAL
				2.0							

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

<b>A1</b> <b>PRODUCT</b>  <b>WALA-DW</b> <b>WALA-DW-USA</b>  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.	<b>A2</b> <b>MOUNTING</b>  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	<b>A3</b> <b>RATED</b>  DRY IP20 WET IP67	<b>A4</b> <b>CCT</b>  24/30 2400K/3000K 27/40 2700K/4000K
<b>A5</b> <b>WATTAGE</b>  2.0 2.0W-SO SO: Standard Output	<b>A6</b> <b>LENS</b>  ENC/CL Encapsulated in Clear ENC/TL Encapsulated in Translucent  For representation of LED visibility, see Diode Visibility section on following pages	<b>A7</b> <b>WIRE INPUT/OUTPUT</b>  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	<b>A8</b> <b>CONNECTOR/WIRE IN</b>  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)
<b>A9</b> <b>CONNECTOR/WIRE OUT</b>  N/A Closed End (No feed)	<b>A10</b> <b>END CAPS</b>  CL Clear WH White  N/A Not Applicable	<b>A11</b> <b>LENGTH (IN)</b>  Minimum length is 12", maximum length is 191" not including end caps. Contact us for lengths under 12". Available in 2" increments.	<b>A12</b> <b>EXACT/OPTIMAL</b>  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



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## B. FIELD CUTTABLE Q-CAP

### INFORMATION REQUIRED FOR LIGHTING SCHEDULE

B1	B2	B3	B4	B5	B6
PRODUCT	MOUNTING	RATED	CCT	WATTAGE	LENS
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>  WALA-FC-DW  LED engine is built with 3 wires requiring 0-10V, DMX or DALI control. Using DALI, DMX, or non QTL power supplies may double watts/ft. See last page for compatible power supplies.	<b>B2</b> <b>MOUNTING</b>  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	<b>B3</b> <b>RATED</b>  DRY IP20	<b>B4</b> <b>CCT</b>  24/30 2400K/3000K 27/40 2700K/4000K
<b>B5</b> <b>WATTAGE</b>  2.0 2.0W-SO SO: Standard Output	<b>B6</b> <b>LENS</b>  ENC/CL Encapsulated in Clear ENC/TL Encapsulated in Translucent  For representation of LED visibility, see Diode Visibility section on following pages	<b>B7</b> <b>WIRE INPUT/OUTPUT</b>  SINGLE (Input only) S1 End Feed S5 Seamless Feed S6 Seamless Feed	<b>B8</b> <b>CONNECTOR/WIRE IN</b>  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)
<b>B10</b> <b>END CAPS</b>  CL Clear  Due to cutting, white endcaps are not available.	<b>B11</b> <b>LENGTH (IN)</b>  48" 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>B9</b> <b>CONNECTOR/WIRE OUT</b>  N/A Closed End (No feed)	<b>B12</b> <b>EXACT/OPTIMAL</b>  N/A

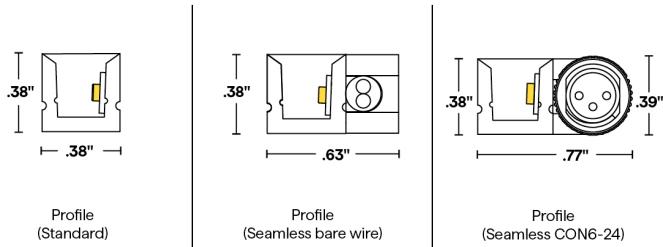
Single ►



# Q-CAP WALA FOR WARM DIM APPLICATIONS

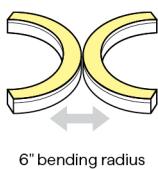
24VDC Flexible Fixtures

## 1 PRODUCT - DIMENSIONS



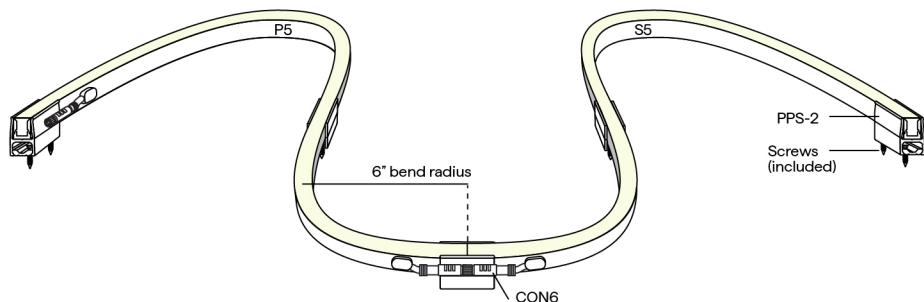
## BEND RADIUS

### Side Bend



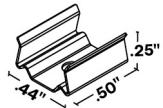
6" bending radius

## FLEXIBILITY



## 2 MOUNTING

### WSC



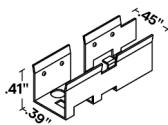


# Q-CAP WALA FOR WARM DIM APPLICATIONS

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	

## 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

## 6 DIODE VISIBILITY



ENC/CL - Clear encapsulation

ENC/TL - Translucent encapsulation

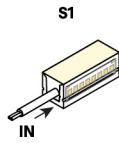


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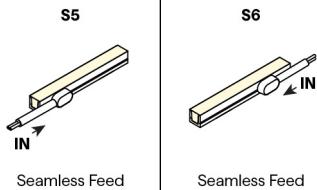
## 7 WIRE INPUT/OUTPUT

SINGLE (Input only)

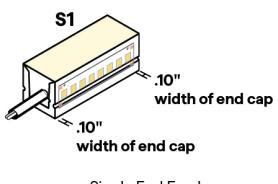


End Feed

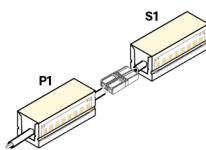
SEAMLESS SINGLE (Input only)



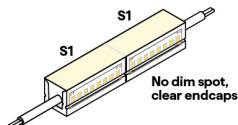
## CONFIGURATION OPTIONS



Single End Feed



Non-Continuous End Feed

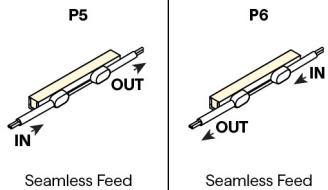


Continuous End to End Feed



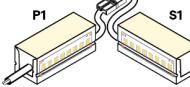
End Feed

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

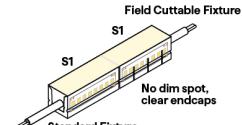


Seamless Feed

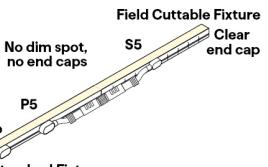
Seamless Feed



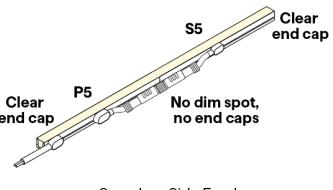
Non-Continuous Corner Feed



Field Cuttable - Continuous End to End Feed

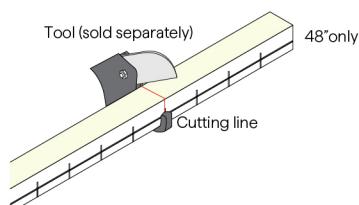


Field Cuttable - Seamless Side Feed



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.

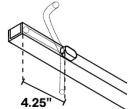


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## SEAMLESS

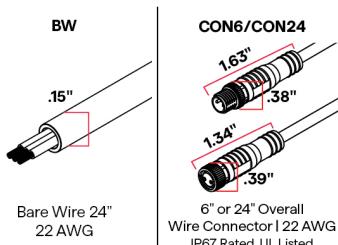
Shown with bare wire, connectors vary



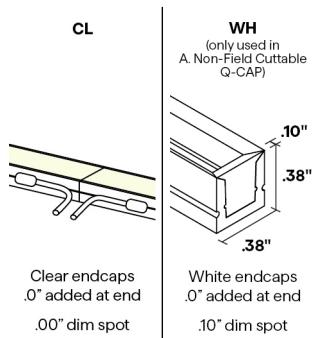
Omnidirectional  
wireways  
S5, S6, P5, P6

## 8 / 9 CONNECTOR/WIRE – IN/OUT

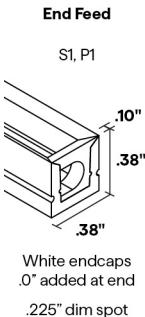
Connector/Wire In or Out not needed to specify product. Typical selection is S1 for Wire Input/Output, BW for Connector/Wire In, N/A for Connector/Wire Out, and WH for End Caps



## 10 END CAPS (NO FEED)

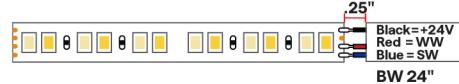


## END CAPS (WITH FEED)



## 11 LENGTH - WIRING DETAIL

Available in 2" increments 12"-191"





# Q-CAP WALA FOR WARM DIM 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  $\pm 0 - 1/8"$ . 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 S1 End Feed	P1 P1 OUT IN End Feed	S5 & P5 S5 Seamless Feed	P5 P5 Seamless Feed
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  $\pm 0 - 5\%$  tolerance.

DIM TO LEVEL	INDOOR	OUTDOOR
	MICRO 5-DW Warm Dim Applications	MICRO 5-DW Warm Dim Applications
0.1%	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+WD QT-CAB-eLED+WD-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QTM-eLED+WD QTM-eLED+WD-AWN QZ-DMX QZ-DW	Q-SET-QZ-DW QOM-eLED+DALI-DT6 QOM-eLED+DALI-DT8 QOM-eLED+PS-DALI-DT6 QOM-eLED+PS-DALI-DT8 QOM-eLED+WD QZ-DMX QZ-DW
1%	QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QZ-DALI-DT8
10%	Non-Dim Power Supply with WD App Dongle	



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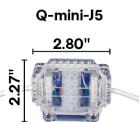
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DIMMING PROTOCOL	INDOOR	OUTDOOR
	MICRO 5-DW Warm Dim Applications	
Phase	QZ-DW	Q-SET-QZ-DW QZ-DW
0-10V	QT-CAB-eLED+WD QT-CAB-eLED+WD-AWN QTM-eLED+WD QTM-eLED+WD-AWN QZ-DW	Q-SET-QZ-DW QOM-eLED+WD QZ-DW
Lutron Athena	QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+WD-AWN QTM-eLED+DALI-DT8-AWN QTM-eLED+WD-AWN	
DMX	QZ-DMX	QZ-DMX
DALI-2: DT6	QT-CAB-eLED+DALI-DT6 QTM-eLED+DALI-DT6	QOM-eLED+DALI-DT6
DALI-2: DT8	QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QOM-eLED+DALI-DT8 QZ-DALI-DT8
SCENE App Dimmed	Non-Dim Power Supply with WD App Dongle	

## COMPATIBLE MOUNTING ACCESSORIES



## COMPATIBLE WIRING ACCESSORIES



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

## COMPATIBLE CONTROL ACCESSORIES



Wi-Fi or Bluetooth Connectivity



## Q-CAP WALA FOR WARM DIM APPLICATIONS

24VDC Flexible Fixtures

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### COMPATIBLE APPS

#### NFC APP



Read and write  
DMX addresses and  
adjust voltage