

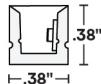


# Q-CAP WALA RGB

## 24VDC Flexible Fixtures



Red List Approved  
Declare.



- 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
- 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
WALA-RGB			RGB	4.0				N/A		48"

Sample Part Number: **WALA-RGB-WSC-DRY-RGB-4.0-ENC/TL-P1-BW-BW-N/A-48"-E**

1 PRODUCT	2 MOUNTING	3 RATED	4 CCT
WALA-RGB  See last page for compatible power supplies.	PPS-2 PPS-96 PPS-LP-2 PPS-LP-96 WSC BN-SB-SST-16' BN-SB-SST-32' BN-SB-WH-16' BN-SB-WH-32'  White snug clip only for indirect cove use, not intended for hanging fixtures upside down. PPS mounting clip recommended for seamless applications	DRY WET  IP20 IP67	RGB
5 WATTAGE	6 LENS	7 WIRE INPUT/OUTPUT	
4.0  SO: Standard Output	ENC/CL Encapsulated in Clear ENC/TL Encapsulated in Translucent  For representation of LED visibility, see Diode Visibility section on following pages	S1 Single 1 (Input only) - End Feed S5 Single 5 (Input only) - Seamless Feed S6 Single 6 (Input only) - Seamless Feed	
8 CONNECTOR/WIRE IN	9 CONNECTOR/WIRE OUT	10 END CAPS	11 LENGTH
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)	N/A Closed End (No feed)	CL Clear WH White	48" Optimal  Minimum length is 12", maximum length is 191" not including end caps. Contact us for lengths under 12". Available in 2" increments.

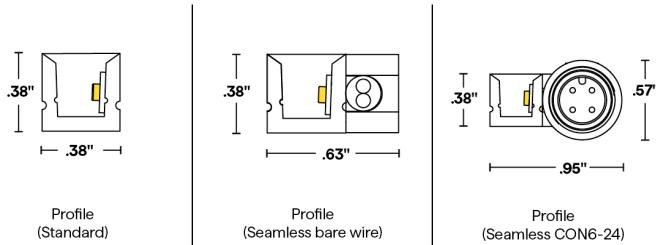
5 year warranty | Side Bend | Data subject to change, all data has +/- 5% tolerance | Only FC fixtures are Field-Cuttable per installation instructions | Field Cuttable is not returnable or refundable after it has been cut



# Q-CAP WALA RGB

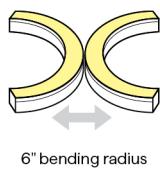
## 24VDC Flexible Fixtures

### 1 PRODUCT - DIMENSIONS



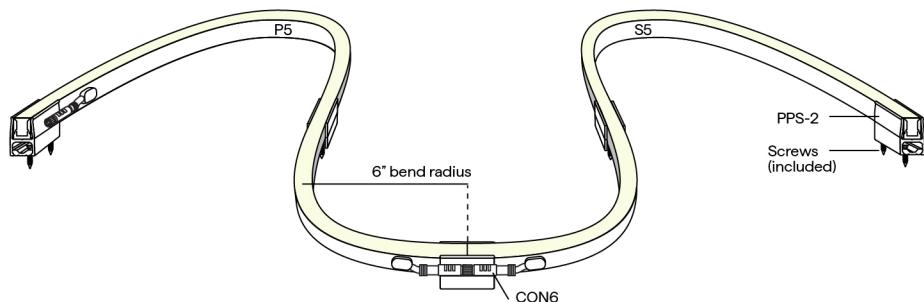
### BEND RADIUS

#### Side Bend

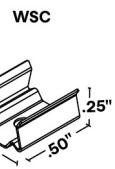


6" bending radius

### FLEXIBILITY



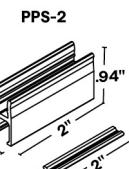
### 2 MOUNTING



White Snug Clip  
Indirect upright

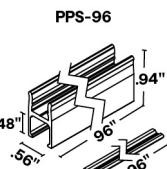
To order separately use WSC-02

Each clip comes with a #4x5/8" flat screw



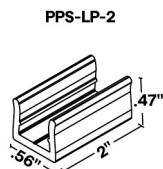
PVC Mounting Clip

To order separately use MICRO5-PPS2

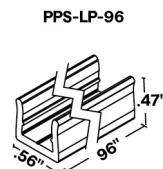


96" straight linear run  
To order separately use MICRO5-PPS-96

Each clip comes with a #6" flat screw



Low profile PVC  
Mounting Clip  
To order separately use MICRO5-PPS-LP-2



Low profile PVC channel  
96" straight linear run  
To order separately use MICRO5-PPS-LP-96  
Each clip comes with a #6" flat screw

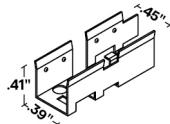


## Q-CAP WALA RGB

### 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-RGB-WSC-DRY

CCT	4.0W/FT Total Load			
	ENC/CL		ENC/TL	
	LM	Wavelength	LM	Wavelength
Red	32	629	29	630
Green	104	522	97	523
Blue	31	473	28	471
All	126	-	110	-

## 6 DIODE VISIBILITY



ENC/CL - Clear encapsulation

ENC/TL - Translucent encapsulation

## BUG RATING

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

## TEMPERATURE RATINGS

	4.0 W/FT	
	Min	Max
Ambient Operating Temp - Surface	-4°F	110°F
Storage Temp	-4°F	140°F
Install Temp	50°F	100°F

## 7 WIRE INPUT/OUTPUT

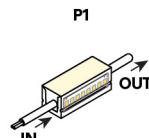
SINGLE (Input only)



End Feed

SEAMLESS SINGLE (Input only)

PASS THROUGH (Input/Output)



End Feed

SEAMLESS PASS THROUGH (Input/Output)

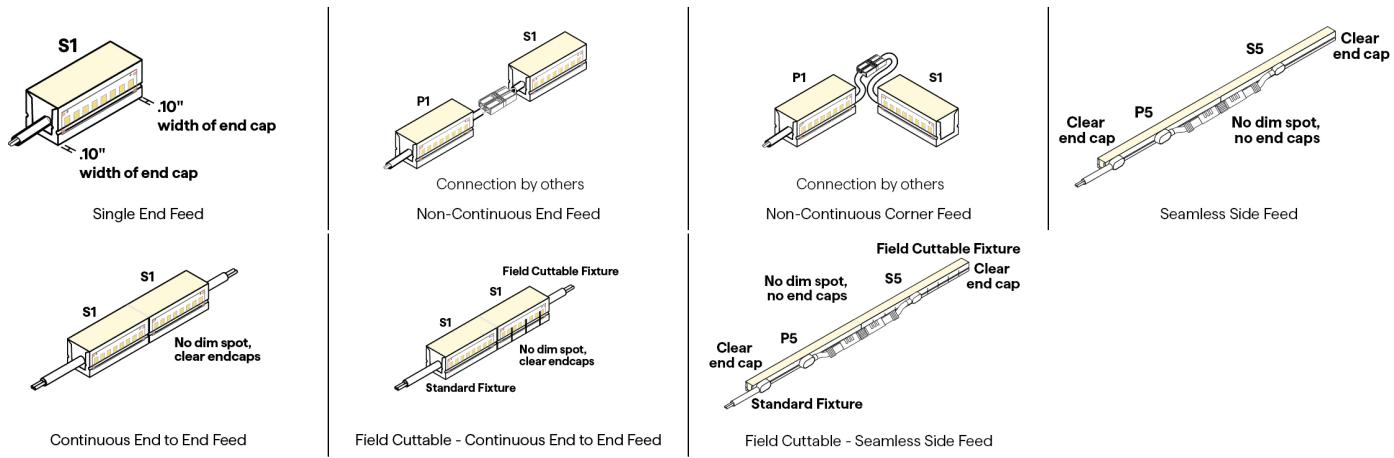


# Q-CAP WALA RGB

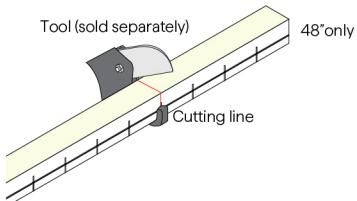
## 24VDC Flexible Fixtures



## CONFIGURATION OPTIONS



## 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.

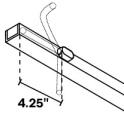


# Q-CAP WALA RGB

## 24VDC Flexible Fixtures

### SEAMLESS

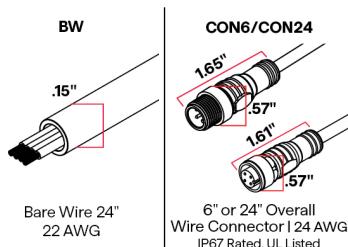
Shown with bare wire, connectors vary



Omnidirectional  
wireways  
S5, S6, P5, P6

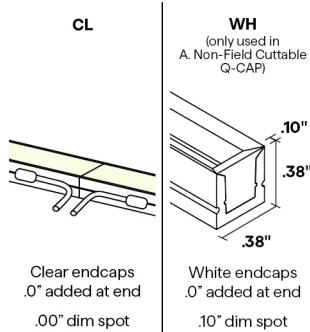
### 8 / 9 CONNECTOR/WIRE – IN/OUT

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



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

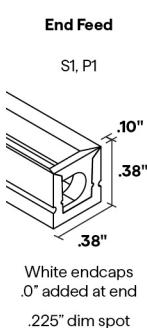
### 10 END CAPS (NO FEED)



Clear endcaps  
.0" added at end  
.00" dim spot

White endcaps  
.0" added at end  
.10" dim spot

### END CAPS (WITH FEED)



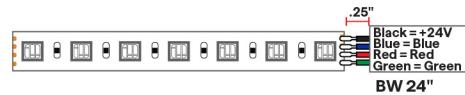
End Feed

S1, P1

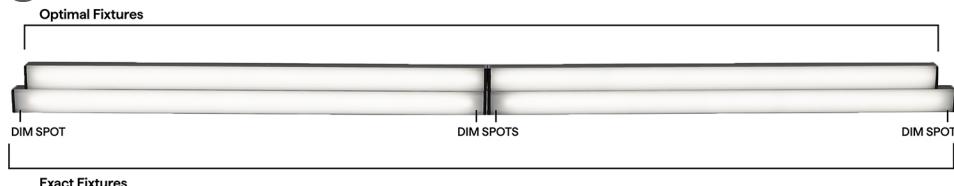
White endcaps  
.0" added at end  
.225" dim spot

### 11 LENGTH - WIRING DETAIL

Available in 2" increments 12"-191"



### 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.



# Q-CAP WALA RGB

## 24VDC Flexible Fixtures

### RGB 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 	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-RGB	MICRO 5-RGB
0.1%	QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DMX QTM-eLED+DALI-DT8 QTM-eLED+DMX QZ-DMX	Q-SET-QZ-DMX QOM-eLED+DALI-DT8 QOM-eLED+DMX QOM-eLED+PS-DALI-DT8 QZ-DMX
1%	QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QZ-DALI-DT8
10%	Non-Dim Power Supply with RGB App Dongle	

DIMMING PROTOCOL	INDOOR	OUTDOOR
	MICRO 5-RGB	MICRO 5-RGB
DMX	QTM-eLED+DMX QZ-DMX	Q-SET-QZ-DMX QOM-eLED+DMX QZ-DMX
DALI-2: DT8	QT-CAB-eLED+DALI-DT8 QTM-eLED+DALI-DT8 QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QOM-eLED+DALI-DT8 QZ-DALI-DT8



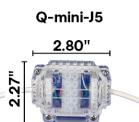
## Q-CAP WALA RGB

### 24VDC Flexible Fixtures

#### COMPATIBLE MOUNTING ACCESSORIES



#### COMPATIBLE WIRING ACCESSORIES



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

#### COMPATIBLE CONTROL ACCESSORIES



#### COMPATIBLE APPS



Read and write DMX addresses and adjust voltage