

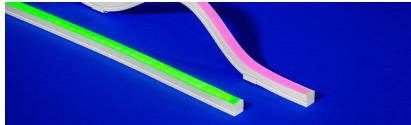


# Q-CAP WAVE RGB

## 24VDC Flexible Fixtures



Red List Approved  
Declare.



- Flexible encapsulated fixture
- Up/down bend
- 6" bend radius
- Interior and exterior rated (not including FC)
- Four different mounting options
- Available in seamless configuration for a continuous line of light
- Utilize clear endcaps for continuous runs
- 60% smaller than QTL's BOXA 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
WAVE-RGB			RGB	4.0				N/A		48"

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

<b>1</b> PRODUCT	<b>2</b> MOUNTING	<b>3</b> RATED	<b>4</b> CCT
WAVE-RGB  See last page for compatible power supplies.	PPS-2 PPS-96 PPS-LP-2 PPS-LP-96 WSC BN-UD-SST-16' BN-UD-SST-32' BN-UD-WH-16' BN-UD-WH-32'  White snug clip only for indirect cove use, not intended for hanging fixtures upside down. PPS mounting clip recommended for seamless applications. RGB CON6/CON24 does not fit in PPS wireway	DRY WET  IP20 IP67	RGB

<b>5</b> WATTAGE	<b>6</b> LENS	<b>7</b> WIRE INPUT/OUTPUT
4.0 4.0W-SO  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
<b>8</b> CONNECTOR/WIRE IN	<b>9</b> CONNECTOR/WIRE OUT	<b>10</b> END CAPS
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
<b>11</b> LENGTH		
48"	Optimal  Minimum length is 12", maximum length is 191" not including end caps. Contact us for lengths under 12". Available in 2" increments.	

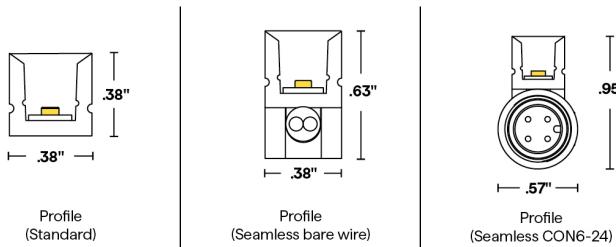
5 year warranty | Up/Down Bend | Data subject to change, all data has +/- 5% tolerance | Only FC fixtures are Field-Cuttable per installation instructions | Field Cuttable is not returnable or refundable after it has been cut



# Q-CAP WAVE RGB

## 24VDC Flexible Fixtures

### 1 PRODUCT - DIMENSIONS



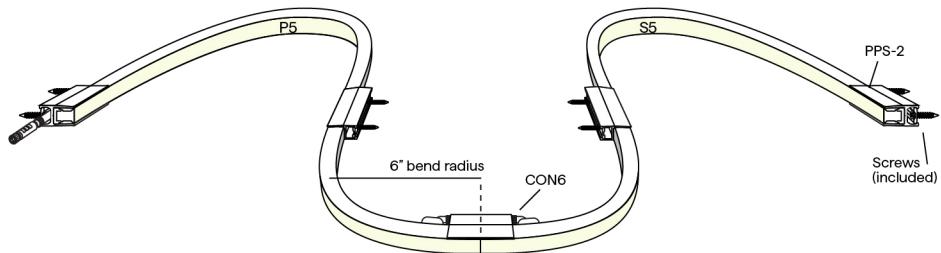
### BEND RADIUS

#### Up/Down Bend



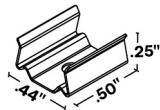
6" bending radius

### FLEXIBILITY



### 2 MOUNTING

#### WSC

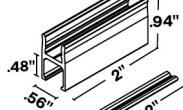


White Snug Clip  
Indirect upright

To order separately use WSC-02

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

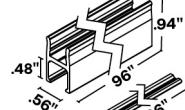
#### PPS-2



PVC Mounting Clip

To order separately use MICRO5-  
PPS2

#### PPS-96

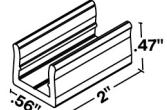


96" straight linear run

To order separately use MICRO5-  
PPS-96

Each clip comes with a #6" flat  
screw

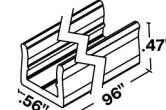
#### PPS-LP-2



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

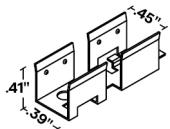


## Q-CAP WAVE RGB

### 24VDC Flexible Fixtures

## MOUNTING CONTINUED

BN-UD



BENDIT Channel  
Vertical Stainless Steel  
Flexible Channel

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

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

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

## 4 / 5 DELIVERED LUMENS

[Calculated L70 = 40000 hrs]  
Tested with WAVE-RGB-WSC-DRY

CCT	4.0W/FT Total Load			
	ENC/CL		ENC/TL	
	LM	Wavelength	LM	Wavelength
Red	34	630	31	631
Green	114	524	101	524
Blue	33	470	28	469
All	143	-	120	-

## 6 DIODE VISIBILITY



ENC/CL - Clear encapsulation

ENC/TL - Translucent encapsulation

## BUG RATING

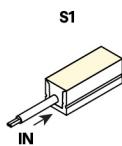
WATTAGE	B	U	G
4.0 (ALL CCTs)	B0	U1	G0

## 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

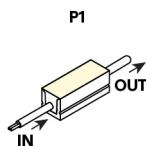
SINGLE (Input only)



End Feed

SEAMLESS SINGLE (Input only)

PASS THROUGH (Input/Output)



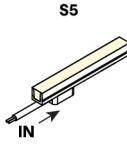
End Feed

SEAMLESS PASS THROUGH (Input/Output)

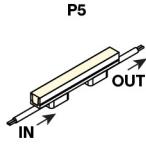


# Q-CAP WAVE RGB

## 24VDC Flexible Fixtures

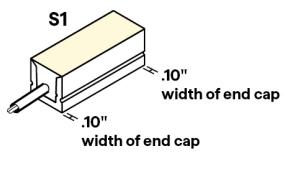


Seamless Feed

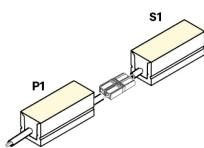


Seamless Feed

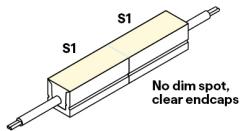
## CONFIGURATION OPTIONS



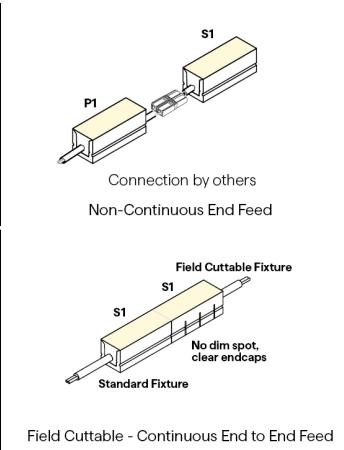
Single End Feed



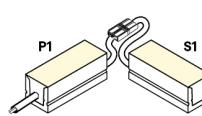
Connection by others  
Non-Continuous End Feed



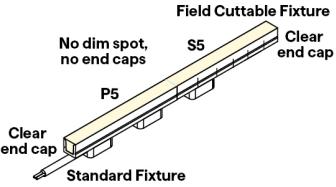
Continuous End to End Feed



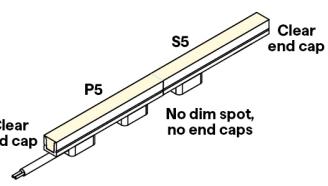
Field Cuttable - Continuous End to End Feed



Connection by others  
Non-Continuous Corner Feed

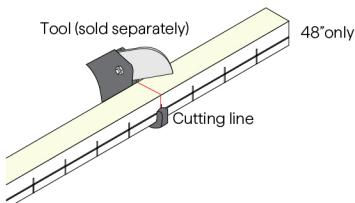


Field Cuttable - Seamless Bottom Feed

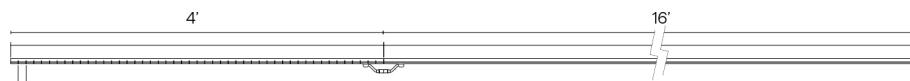


Seamless Bottom Feed

## 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.

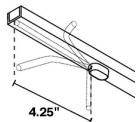


# Q-CAP WAVE RGB

## 24VDC Flexible Fixtures

### SEAMLESS

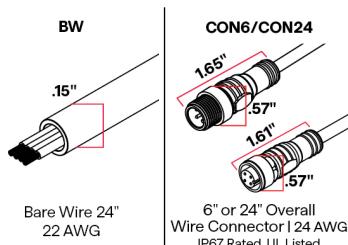
Shown with bare wire, connectors vary



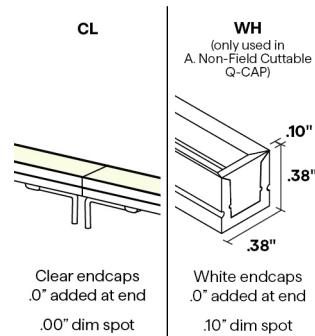
Omnidirectional  
wireways  
S5, P5

### 8 / 9 CONNECTOR/WIRE – IN/OUT

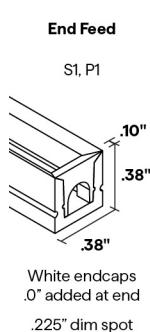
Connector/Wire In or Out not needed to specify product. Typical selection is S1 for Wire Input/Output, BW for Connector/Wire In, N/A for Connector/Wire Out, and WH for End Caps



### 10 END CAPS (NO FEED)

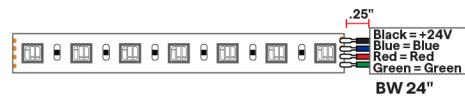


### END CAPS (WITH FEED)

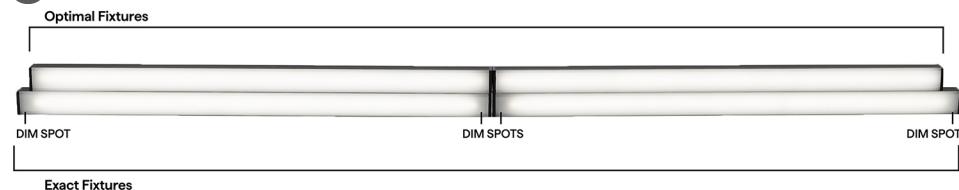


### 11 LENGTH - WIRING DETAIL

Available in 2" increments 12"-19"



### 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 WAVE 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 
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



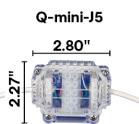
## Q-CAP WAVE RGB

### 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