



Q-CAP WAVE FOR WARM DIM APPLICATIONS

24VDC Flexible Fixtures





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B. FIELD CUTTABLE Q-CAP

B1 PRODUCT	B2 MOUNTING	B3 RATED	B4 CCT	B5 WATTAGE	B6 LENS	B7 WIRE INPUT/OUTPUT	B8 CONNECTOR/WIRE IN	B9 CONNECTOR/WIRE OUT	B10 END CAPS	B11 LENGTH (IN)	B12 EXACT/ OPTIMAL
WAVE-FC-DW		DRY		2.0					N/A	CL	48"

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

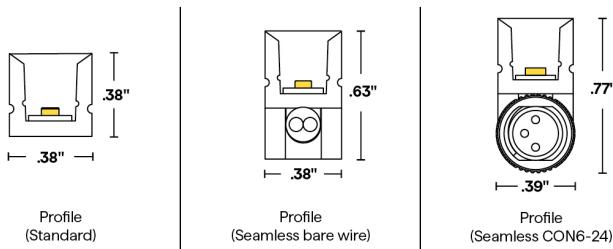
B1 PRODUCT WAVE-FC-DW LED engine is built with 3 wires requiring 0-10v, DMX or DALI control. Using DALI, DMX, or non QTL power supplies may double watts/ft. See last page for compatible power supplies.	B2 MOUNTING PPS-2 PVC Clip PPS-96 PVC Channel PPS-LP-2 PVC Low Profile Clip PPS-LP-96 PVC Low Profile Channel WSC White Snug Clip BN-UD-SST-16' 16' BENDIT Up/Down Stainless Steel Channel BN-UD-SST-32' 32' BENDIT Up/Down Stainless Steel Channel BN-UD-WH-16' 16' BENDIT Up/Down White Stainless Channel BN-UD-WH-32' 32' BENDIT Up/Down 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	B3 RATED DRY IP20	B4 CCT 24/30 2400K/3000K 27/40 2700K/4000K	B5 WATTAGE 2.0 2.0W-SO SO: Standard Output
B6 LENS ENC/CL Encapsulated in Clear ENC/TL Encapsulated in Translucent For representation of LED visibility, see Diode Visibility section on following pages	B7 WIRE INPUT/OUTPUT S1 Single 1 (Input only) - End Feed S5 Single 5 (Input only) - 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 CL Clear Due to cutting, white endcaps are not available.	B11 LENGTH (IN) 48" Nominal Starting Run length is 48.475" for S1 & S5 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 can be cut down to as little as 6.475"	B12 EXACT/OPTIMAL N/A		
Single ►				



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1 PRODUCT - DIMENSIONS



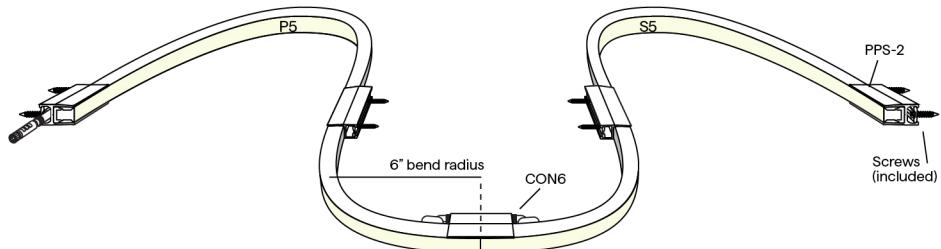
BEND RADIUS

Up/Down Bend



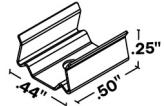
6" bending radius

FLEXIBILITY



2 MOUNTING

WSC

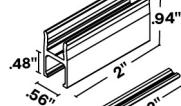


White Snug Clip
Indirect uplight

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

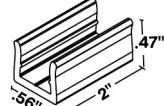


96" straight linear run

To order separately use MICRO5-PPS-96

Each clip comes with a #6" flat screw

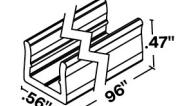
PPS-LP-2



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

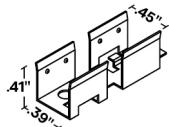


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MOUNTING CONTINUED

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-DW-WSC-DRY

CCT	2.0W/FT Total Load				Circuit Wattage	
	ENC/CL		ENC/TL			
	LM	CRI	LM	CRI		
2400K	145	93	142	93	1.90	
2700K	157	93	139	96	1.90	
3000K	150	95	143	96	1.90	
3500K	167	98	155	97	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

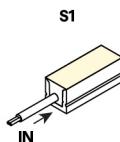


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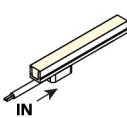
7 WIRE INPUT/OUTPUT

SINGLE (Input only)



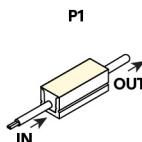
End Feed

SEAMLESS SINGLE (Input only)



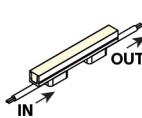
Seamless Feed

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



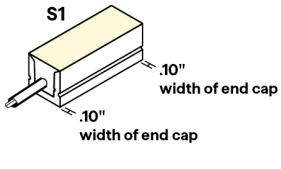
End Feed

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

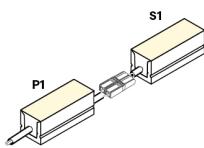


Seamless Feed

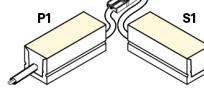
CONFIGURATION OPTIONS



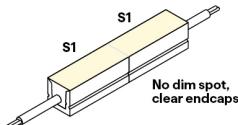
Single End Feed



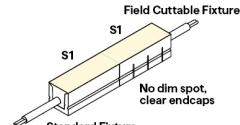
Non-Continuous End Feed



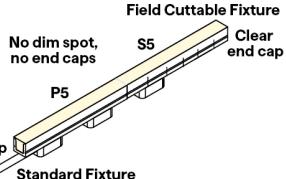
Non-Continuous Corner Feed



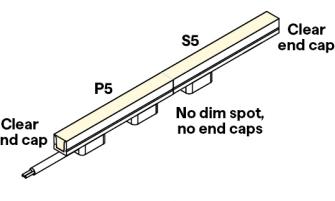
Continuous End to End Feed



Field Cuttable - Continuous End to End Feed

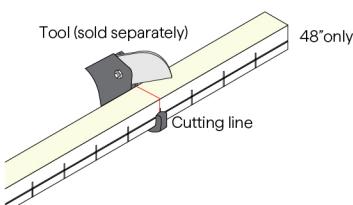


Field Cuttable - Seamless Bottom Feed



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.

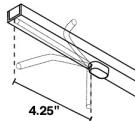


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SEAMLESS

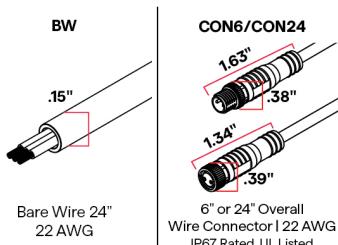
Shown with bare wire, connectors vary



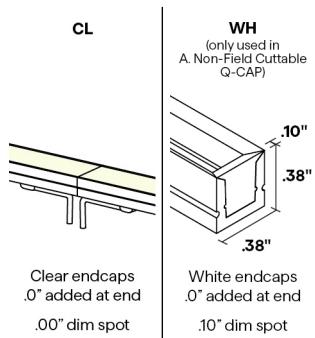
Omnidirectional
wireways
S5, P5

8 / 9 CONNECTOR/WIRE – IN/OUT

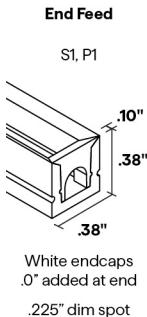
Connector/Wire In or Out not needed to specify product. Typical selection is S1 for Wire Input/Output, BW for Connector/Wire In, N/A for Connector/Wire Out, and WH for End Caps



10 END CAPS (NO FEED)



END CAPS (WITH FEED)



11 LENGTH - WIRING DETAIL

Available in 2" increments 12"-191"

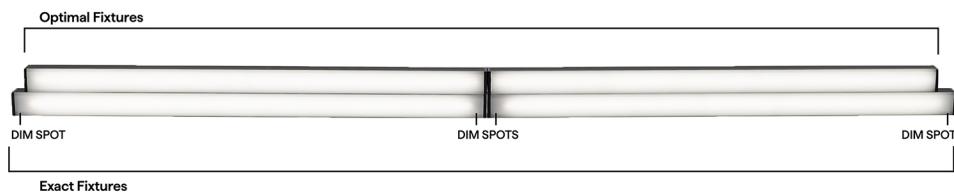


12 EXACT/OPTIMAL FIXTURE LENGTH

[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.





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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 	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 $\pm 5\%$ 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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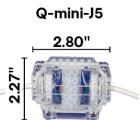
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DIMMING PROTOCOL	INDOOR	OUTDOOR
	MICRO 5-DW Warm Dim Applications	
Phase	QZ-DW	Q-SET-QZ-DW QZ-DW
0-10V	QT-CAB-eLED+WD QT-CAB-eLED+WD-AWN QTM-eLED+WD QTM-eLED+WD-AWN QZ-DW	Q-SET-QZ-DW QOM-eLED+WD QZ-DW
Lutron Athena	QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+WD-AWN QTM-eLED+DALI-DT8-AWN QTM-eLED+WD-AWN	
DMX LED wattage must be doubled for DW-HE products	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 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



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COMPATIBLE APPS

NFC APP



Read and write
DMX addresses and
adjust voltage