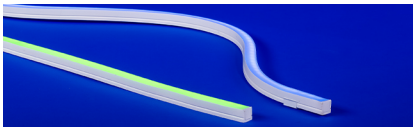
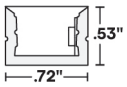
Q-CAP ZALA STATIC COLOR

24VDC Flexible Fixtures





- Flexible encapsulated fixture
- Side bend
- 6" bend radius
- Interior and exterior rated (not including FC)
- Seven different mounting options
- Available in seamless configuration for a continuous line of light
- Utilize clear endcaps for continuous runs
- Pair with BOXA's up/down bend to achieve compound curves
- Do not cut Non-Field Cuttable Q-CAP flexible fixtures
- IK10 impact rated

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

A1 PRODUCT	A2 MOUNTING	A3 RATED	A4 CCT	A5 WATTAGE	A6 LENS	A7 WIRE INPUT/ OUTPUT	A8 CONNECTOR/ WIRE IN	A9 CONNECTOR/ WIRE OUT	A10 END CAPS	A11 LENGTH (IN)	A12 EXACT/ OPTIMAL
ZALA-SC				5.0							

Sample Part Number: **ZALA-SC-PPS-2-DRY-G-5.0-ENC/TL-P1-BW-BW-N/A-48"-E**

A1 PRODUCT

ZALA-SC

See last page for compatible power supplies.

A2 MOUNTING

RLC	Rigid Lock Channel
MC	Magnetic Clip
SGC	Side Graze Channel
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.

A3 RATED

DRY	IP20
WET	IP67

A4 CCT

A	Amber
B	Blue
G	Green
R	Red

A5 WATTAGE

5.0	5.0W-VHO

VHO: Very High 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

S1	Single 1 (Input only) - End Feed
S2	Single 2 (Input only) - Bottom Feed
S3	Single 3 (Input only) - Left Side Feed
S4	Single 4 (Input only) - Right Side Feed
S5	Single 5 (Input only) - Seamless Feed
S6	Single 6 (Input only) - Seamless Feed

P1	Pass Through 1 (Input/Output) - End Feed
P2	Pass Through 2 (Input/Output) - Bottom Feed
P3	Pass Through 3 (Input/Output) - Left Side Feed
P4	Pass Through 4 (Input/Output) - Right Side Feed
P5	Pass Through 5 (Input/Output) - Seamless Feed
P6	Pass Through 6 (Input/Output) - Seamless Feed

A8 CONNECTOR/WIRE IN

BW	Bare Wire (Standard 24")
BRL	Barrel
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")
BRL	Barrel
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")
BRL	Barrel
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

Single

CL	Clear
WH	White

Pass Through

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 | Side Bend | Data subject to change, all data has +/- 5% tolerance | Ambient or mounting surface must not be lower than -4°F or higher than 108°F | Patent # D872,931 S | 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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Q-CAP ZALA STATIC COLOR

24VDC Flexible Fixtures

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
ZALA-FC-SC		DRY		5.0				N/A	CL	48”	N/A

Sample Part Number: **ZALA-SC-PPS-2-DRY-G-5.0-ENC/TL-P1-BW-BW-N/A-48"-E**

B1 PRODUCT

ZALA-FC-SC

See last page for compatible power supplies.

B2 MOUNTING

RLC	Rigid Lock Channel
MC	Magnetic Clip
SGC	Side Graze Channel
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.

B3 RATED

DRY IP20

B4 CCT

A	Amber
B	Blue
G	Green
R	Red

B5 WATTAGE

5.0 5.0W-VHO

VHO: Very High 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
S2	Single 2 (Input only) - Bottom Feed
S3	Single 3 (Input only) - Left Side Feed
S4	Single 4 (Input only) - Right Side Feed
S5	Single 5 (Input only) - Seamless Feed
S6	Single 6 (Input only) - Seamless Feed

B8 CONNECTOR/WIRE IN

BW	Bare Wire (Standard 24”)
BRL	Barrel
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.

Single

B11 LENGTH (IN)

48” Nominal

Starting Run length is 48.475” for S1, S5, S6 and 48.725” for S2, S3, S4
Each cut point subtracts from the Starting Run Length
5.0 has a 2” cut point
S2, S3, & S4 can be cut down to as little as 2.725”
S1 can be cut down to as little as 2.475” for SW
S5 & S6 can be cut down to as little as 6.475” for SW

B12 EXACT/OPTIMAL

N/A

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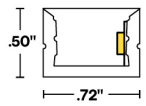
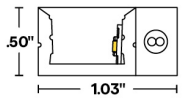
24VDC Flexible Fixtures

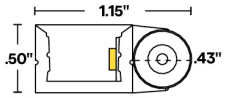
1 PRODUCT - DIMENSIONS



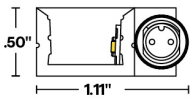
Profile
(Standard)



Profile
(Seamless bare wire)



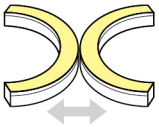
Profile
(Seamless barrel)



Profile
(Seamless CON6-24)

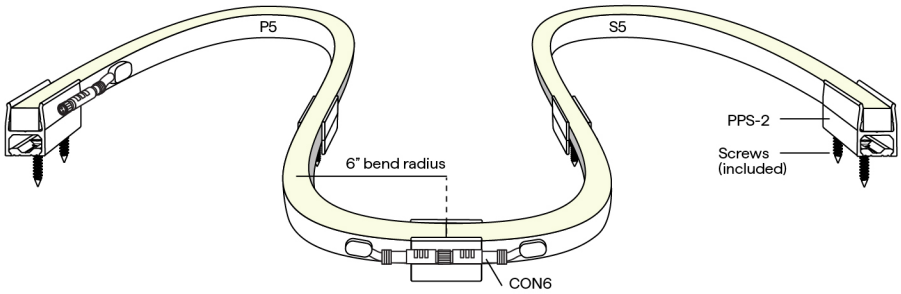
BEND RADIUS

Side Bend



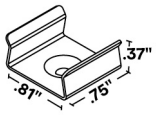
6" bending radius

FLEXIBILITY



2 MOUNTING

WSC

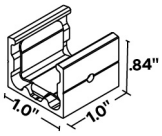


White Snug Clip
Indirect uplight

To order separately use WSC

Each clip comes with a #6x5/8 flat screw

RLC

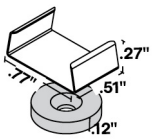


Rigid Lock Channel

To order separately use RLC

Each clip comes with a #6x5/8" flat screw

MC

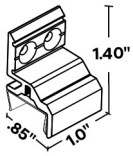


Magnetic Clip
Cove use only

To order separately use MC

Each clip comes with a #6x5/8" flat screw

SGC

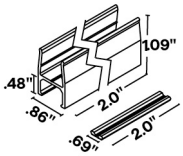


Side Graze Clip

To order separately use SGC

Each clip comes with a #6 x5/8" flat screw

PPS-2



PVC Mounting Clip

To order separately use ZALA-PPS-2

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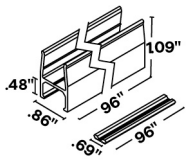
Q-CAP ZALA STATIC COLOR

24VDC Flexible Fixtures

MOUNTING CONTINUED

PPS-96

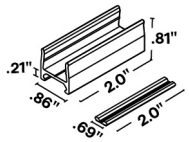


96" straight linear run

To order separately use ZALA-PPS-96

Each clip comes with a #8" flat screw

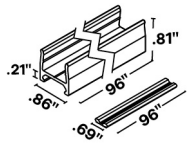
PPS-LP-2



Low profile PVC Mounting Clip

To order separately use ZALA-PPS-LP-2

PPS-LP-96

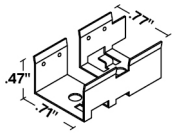


Low profile PVC channel 96" straight linear run

To order separately use ZALA-PPS-LP-96

Each clip comes with a #8" flat screw

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 STND-QCAP-BN-SB-SST-16', STND-QCAP-BN-SB-SST-32', STND-QCAP-BN-SB-WH-16', or STND-QCAP-BN-SB-WH-32'

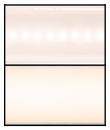
64 #4-40 1/2" screws provided per 16'

4 / 5 DELIVERED LUMENS

[Calculated L70 = 40000 hrs]
Tested with ZALA-SC-WSC-DRY

CCT	5.0W/FT			
	ENC/CL		ENC/TL	
	LM	Wavelength	LM	Wavelength
Red	101	633	75	633
Green	439	519	302	520
Blue	109	468	66.6	467
Amber	94	594	66.1	594

6 DIODE VISIBILITY



ENC/CL - Clear encapsulation

ENC/TL - Translucent encapsulation

BUG RATING

WATTAGE	B	U	G
5.0 (RED, AMBER, BLUE), 5.0 ENC/TL (ALL CCTs & COLORS)	B0	U1	G0
5.0 ENC/CL (GREEN)	B0	U1	G1

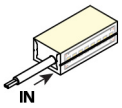
TEMPERATURE RATINGS

	5.0 W/FT	
	Min	Max
Ambient Operating Temp - Surface	-4°F	115°F
Storage Temp	-4°F	140°F
Installation Temp	50°F	100°F

7 WIRE INPUT/OUTPUT

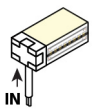
SINGLE (Input only)

S1



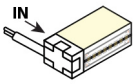
End Feed

S2



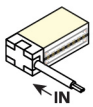
Bottom Feed

S3



Side Feed - Left

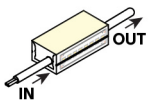
S4



Side Feed - Right

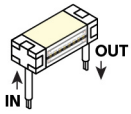
PASS THROUGH (Input/Output) - Only applicable for Non-Field Cuttable Q-CAP

P1



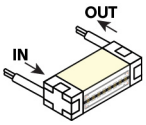
End Feed

P2



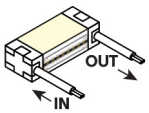
Bottom Feed

P3



Side Feed - Left

P4



Side Feed - Right

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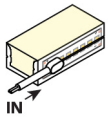
Q-CAP ZALA STATIC COLOR

24VDC Flexible Fixtures

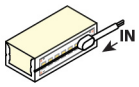
SEAMLESS SINGLE (Input only)

S5



Seamless Feed

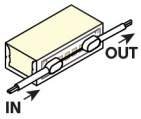
S6



Seamless Feed

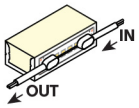
SEAMLESS PASS THROUGH (Input/Output) - Only applicable for Non-Field Cuttable Q-CAP

P5



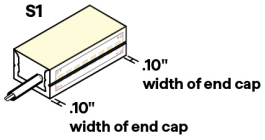
Seamless Feed

P6

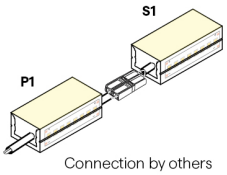


Seamless Feed

CONFIGURATION OPTIONS

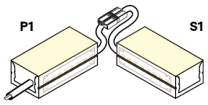


Single End Feed



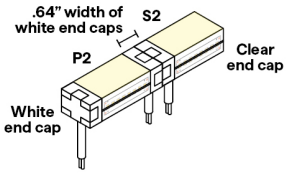
Connection by others

Non-Continuous End Feed

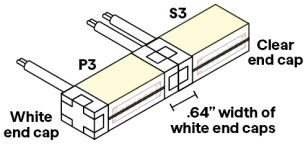


Connection by others

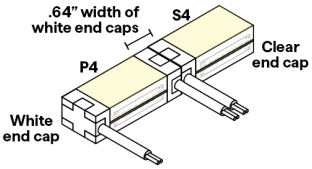
Non-Continuous Corner Feed



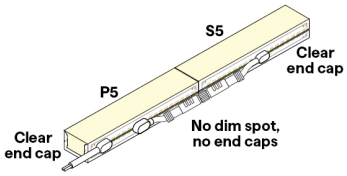
Continuous Bottom Feed



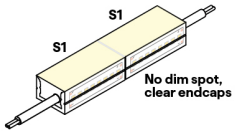
Continuous Side Feed - Left



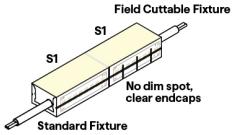
Continuous Side Feed - Right



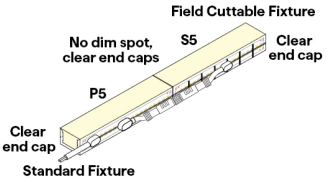
Seamless Side Feed



Continuous End to End Feed

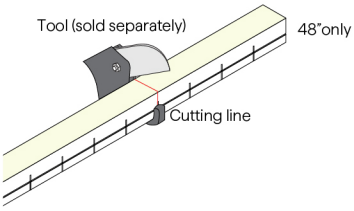


Field Cuttable - Continuous End to End Feed



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.

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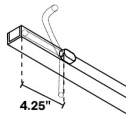
Q-CAP ZALA STATIC COLOR

24VDC Flexible Fixtures

SEAMLESS

Shown with bare wire, connectors vary

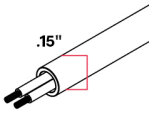


Omnidirectional wireways
S5, S6, P5, P6

8 / 9 CONNECTOR/WIRE – IN/OUT

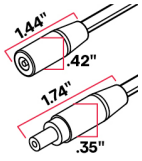
Connector/Wire In or Out not needed to specify product. Typical selection is S1 for Wire Input/Output, BW for Connector/Wire In, N/A for Connector/Wire Out, and WH for End Caps

BW



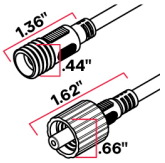
Bare Wire 24"
22 AWG

BRL



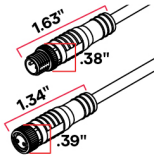
Barrel 6" - DRY/DMP | 22 AWG

BRL



Barrel 6"- WET | 22 AWG

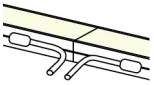
CON6/CON24



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

10 END CAPS (NO FEED)

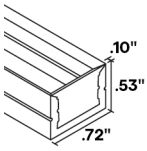
CL



Clear endcaps
.0" added at end

.00" dim spot

WH
(only used in A. Non-Field Cuttable Q-CAP)



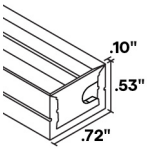
White endcaps
.0" added at end

.10" dim spot

END CAPS (WITH FEED)

End Feed

S1, P1

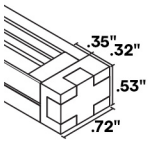


White endcaps
.0" added at end

.10" dim spot

Tri-Directional

S2, S3, S4, P2, P3, P4

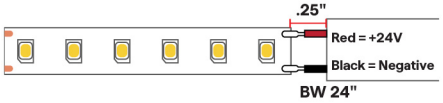


White endcaps
.32" added at end

.67" dim spot

11 LENGTH - WIRING DETAIL

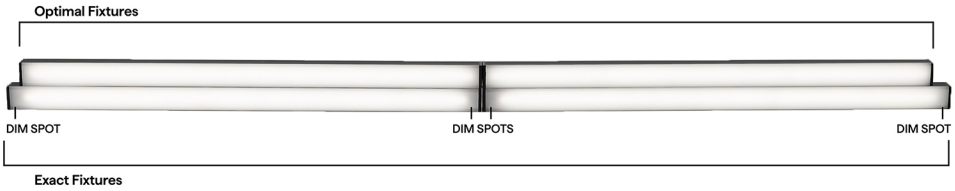
Available in 2" increments 12"-191"



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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Q-CAP ZALA STATIC COLOR

24VDC Flexible Fixtures

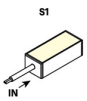
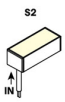
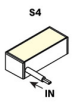
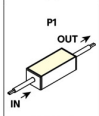
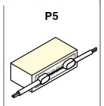
SC LENGTHS BY INCH

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 with S1 wireway
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	S2 & S3 & S4			P1	P2 & P3 & P4			S5 & S6 & P5 & P6	
	 End Feed	 Bottom Feed	Side Feed - Left	 Side Feed - Right	 End Feed	Bottom Feed	Side Feed - Left	Side Feed - Right	Seamless Feed	 Seamless Feed
12"	10.45"	10.60"			10.70"	11"			10.20"	
13"	12.45"	12.60"			12.70"	13"			12.20"	
14"	12.45"	12.60"			12.70"	13"			12.20"	
15"	14.45"	14.60"			14.70"	15"			14.20"	
16"	14.45"	14.60"			14.70"	15"			14.20"	
17"	16.45"	16.60"			16.70"	17"			16.20"	
18"	16.45"	16.60"			16.70"	17"			16.20"	
19"	18.45"	18.60"			18.70"	19"			18.20"	
20"	18.45"	18.60"			18.70"	19"			18.20"	
21"	20.45"	20.60"			20.70"	21"			20.20"	
22"	20.45"	20.60"			20.70"	21"			20.20"	
23"	22.45"	22.60"			22.70"	23"			22.20"	
24"	22.45"	22.60"			22.70"	23"			22.20"	
36"	34.45"	34.60"			34.70"	35"			34.20"	
48"	46.45"	46.60"			46.70"	47"			46.20"	
60"	58.45"	58.60"			58.70"	59"			58.20"	
72"	70.45"	70.60"			70.70"	71"			70.20"	
84"	82.45"	82.60"			82.70"	83"			82.20"	
96"	94.45"	94.60"			94.70"	95"			94.20"	

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
	SC	SC
Dim to Black	Q6M-DC+CAP QTM-DC+CAP iQ-PH+QD1	QOM-DC+CAP QOM-PH
0.1%	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-BOWTIE+DIMMER QZ-DMX QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP	Q-SET-QZ-DMX Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QOM-eLED+DALI-DT6 QOM-eLED+PS-DALI-DT6 QZ-DMX QZ-PH/0-10V
1%	QTM-eLED(E) QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QZ-DALI-DT6
10%	Non-Dim Power Supply with SW App Dongle	

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Q-CAP ZALA STATIC COLOR

24VDC Flexible Fixtures

DIMMING PROTOCOL	INDOOR	OUTDOOR
	SC	SC
Non-Dim	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND	Q-SET-QZ-ND Q-SET-eLED-ND QOM-eLED-ND QZ-ND
Phase	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1	Q-SET-QZ-PH/0-10V QOM-DC+CAP QOM-PH QZ-PH/0-10V
0-10V	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP	Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QZ-PH/0-10V
Lutron Athena	QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6-AWN	
ECO System	QTM-eLED(E)	
DMX	QZ-DMX	Q-SET-QZ-DMX QZ-DMX
DALI-2: DT6	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QOM-eLED+DALI-DT6 QZ-DALI-DT6
SCENE App Dimmed	Non-Dim Power Supply with SW App Dongle	

COMPATIBLE MOUNTING ACCESSORIES

Q-ANGLE

Adjustable mounting accessory

NJ-LARGE

J Mounting Bracket

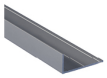
NU-LARGE

U Mounting Bracket

SD-J-LARGE

J Mounting Bracket

BL-LARGE



Backwards L Mounting Bracket

NL-LARGE

L Mounting Bracket

SD-L-LARGE

L Mounting Bracket

iQ-QCAP-UNV-CUTTER

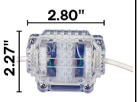
QTL recommended FC Cutter

COMPATIBLE WIRING ACCESSORIES

Q-mini-J

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

Q-mini-J5



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

BARREL-EXT

8ft barrel cable extender DRY ONLY

BARREL FOUR-FER

Splits lead from one to four LED Barrel connector fixtures, DRY/DMP

CON120-EXT

10ft Con cable extender DRY/DMP/WET

CON FOUR-FER

Splits lead from one to four LED Con connectors DRY/DMP/WET

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Q-CAP ZALA STATIC COLOR

24VDC Flexible Fixtures

COMPATIBLE APPS

NFC APP

Q-NFC

Read and write DMX addresses and adjust voltage

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