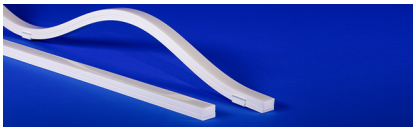
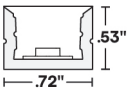
Q-CAP BOXA™ STATIC WHITE

24VDC Flexible Fixtures





- Flexible encapsulated fixture
- Up/down bend
- 6" bend radius
- Interior and exterior rated (not including FC)
- Seven different mounting options
- Available in a seamless configuration for a continuous line of light
- Utilize clear endcaps for continuous runs
- Pair with ZALA's side 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

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

A1	A2	A3	A4	A5	A6
PRODUCT	MOUNTING	RATED	CCT	WATTAGE	LENS

ADDITIONAL INFORMATION REQUIRED TO ORDER

A7	A8	A9	A10	A11	A12
WIRE INPUT/ OUTPUT	CONNECTOR/ WIRE IN	CONNECTOR/ WIRE OUT	END CAPS	LENGTH (IN)	EXACT/ OPTIMAL

Sample Part Number: **BOXA-SW-PPS-2-WET-30-3.0-ENC/TL-P1-BW-BW-N/A-48"-E**

A1 PRODUCT

BOXA-SW
BOXA-SW-USA

Select USA option for BA, BAA and BABA projects.

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-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

A3 RATED

DRY	IP20
WET	IP67
SBM	IP68

SBM not recommended to be used in chlorinated water. Available only in S1 or S5 wire exits.

A4 CCT

22	2200K
24	2400K
27	2700K
30	3000K
35	3500K
40	4000K

A5 WATTAGE

1.5	1.5W-SO
3.0	3.0W-HO
5.0	5.0W-VHO
1.5HE	1.5WHE-SO
3.0HE	3.0WHE-HO
6.0HE	6.0WHE-VHO

SO: Standard Output
HO: High Output
VHO: Very High Output
SBM available only in 1.5, 3.0, & 5.0 (no HE)

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

SINGLE (Input only)

S1	End Feed
S2	Bottom Feed
S3	Left Side Feed
S4	Right Side Feed
S5	Seamless Feed

PASS THROUGH (Input/Output)

P1	End Feed
P2	Bottom Feed
P3	Left Side Feed
P4	Right Side Feed
P5	Seamless Feed

A8 CONNECTOR/WIRE IN

BW	Bare Wire (Standard 24")
BRL	Barrel
CON6	Connector 6"
CON24	Connector 24"

SBM rating only available with BW. 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"

SBM rating only available with BW. 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".
SW: Available in 1" increments.
SW-HE: 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 | Up/Down Bend | Data subject to change, all data has +/- 5% tolerance | Ambient or mounting surface must not be lower than -4°F or higher than: 1.5 - 125°F; 3.0 - 115°F; 5.0 - 108°F | Patent # D872,931 S, D847,395 S, 10,619,828 B2 | Only FC fixtures are Field-Cuttable per installation instructions | Field Cuttable is not returnable or refundable after it has been cut

© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | www.QTL.lighting

Specification subject to change. Rev-10-13-26

Q-CAP BOXA™ STATIC WHITE

24VDC Flexible Fixtures

B. FIELD CUTTABLE Q-CAP

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

B1	B2	B3	B4	B5	B6
PRODUCT	MOUNTING	RATED	CCT	WATTAGE	LENS
		DRY			

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: **BOXA-FC-SW-PPS-2-DRY-30-3.0-ENC/TL-S1-BW-N/A-CL-48"-N/A**

B1 PRODUCT

BOXA-FC-SW
BOXA-FC-SW-USA

Select USA option for BA, BAA and BABA projects.

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-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

22	2200K
24	2400K
27	2700K
30	3000K
35	3500K
40	4000K

B5 WATTAGE

1.5	1.5W-SO
3.0	3.0W-HO
5.0	5.0W-VHO
1.5HE	1.5WHE-SO
3.0HE	3.0WHE-HO
6.0HE	6.0WHE-VHO

SO: Standard Output
HO: High Output
VHO: Very High Output
SBM available only in 1.5, 3.0, & 5.0 (no HE)

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

SINGLE (Input only)

S1	End Feed
S2	Bottom Feed
S3	Left Side Feed
S4	Right Side Feed
S5	Seamless Feed

B8 CONNECTOR/WIRE IN

BW	Bare Wire (Standard 24”)
BRL	Barrel
CON6	Connector 6”
CON24	Connector 24”

SBM rating only available with BW. 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

Single

CL	Clear

Due to cutting, white endcaps are not available.

B11 LENGTH (IN)

48”	Nominal

Starting Run length is 48.475” for S1, S5 and 48.725” for S2, S3, S4
Each cut point subtracts from the Starting Run Length
1.5, 3.0, & 5.0 have a 1” cut point
1.5HE, 3.0HE, & 6.0HE have a 2” cut point
S2, S3, & S4 can be cut down to as little as 1.725” for SW & 2.725” for SW-HE
S1 can be cut down to as little as 1.475” for SW & 2.475” for SW-HE
S5 can be cut down to as little as 6.475”

B12 EXACT/OPTIMAL

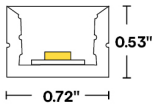
N/A

© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | www.QTL.lighting

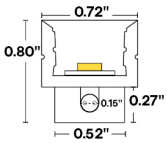
Q-CAP BOXA™ STATIC WHITE

24VDC Flexible Fixtures

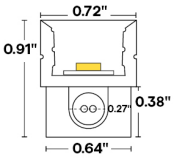
1 PRODUCT - DIMENSIONS



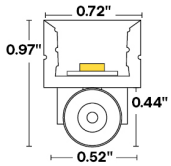
Profile
(Standard)



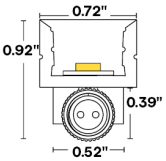
Profile
(Seamless bare wire - DRY/WET)



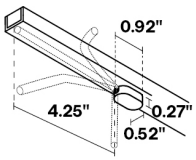
Profile
(Seamless bare wire - SBM)



Profile
(Seamless barrel)

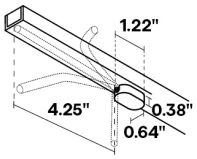


Profile
(CON6-24 barrel)



Seamless Omnidirectional wireways (S5, P5)

Shown with bare wire connectors vary

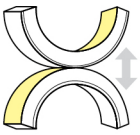


Seamless Omnidirectional wireways (S5, P5)

Shown with bare wire-SBM connectors vary

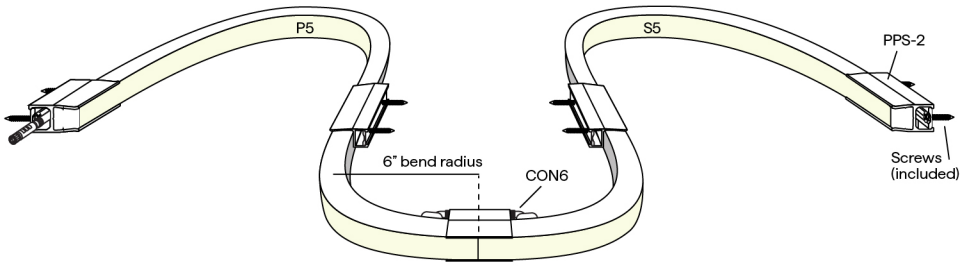
BEND RADIUS

Up/Down Bend



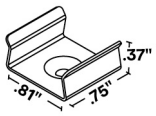
6" bending radius

FLEXIBILITY



2 MOUNTING

WSC

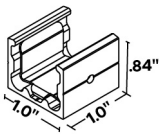


White Snug Clip
Indirect uplight

To order separately use WSC

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

RLC

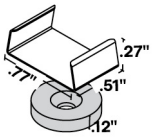


Rigid Lock Channel

To order separately use RLC

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

MC

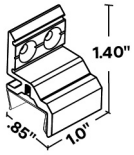


Magnetic Clip
Cove use only

To order separately use MC

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

SGC

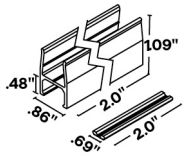


Side Graze Channel

To order separately use SGC

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

PPS-2



PVC Mounting Clip

To order separately use BOXA-PPS2

© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTLlighting | www.QTLlighting

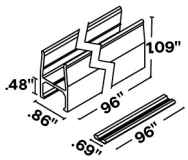
Specification subject to change. Rev-10-13-26

Q-CAP BOXA™ STATIC WHITE

24VDC Flexible Fixtures

MOUNTING CONTINUED

PPS-96

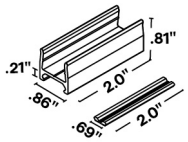


96" straight linear run

To order separately use BOXA-PPS-96

Each clip comes with a #8" flat screw

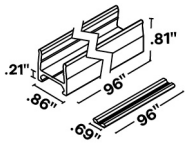
PPS-LP-2



Low profile PVC Mounting Clip

To order separately use BOXA-PPS-LP-2

PPS-LP-96

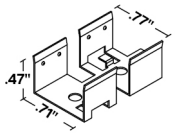


Low profile PVC channel 96" straight linear run

To order separately use BOXA-PPS-LP-96

Each clip comes with a #8" flat screw

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

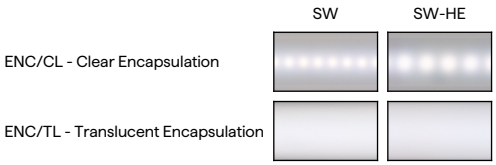
64 #4-40 1/2" screws provided per 16'

4/5 DELIVERED LUMENS

[Calculated L70 = 40000 hrs]
Tested with BOXA-SW-WSC-DRY

CCT	1.5W/FT				1.5HE W/FT				3.0W/FT				3.0HE W/FT				5.0W/FT				6.0HE W/FT			
	ENC/CL		ENC/TL		ENC/CL		ENC/TL		ENC/CL		ENC/TL		ENC/CL		ENC/TL		ENC/CL		ENC/TL		ENC/CL		ENC/TL	
	LM	CRI	LM	CRI	LM	CRI	LM	CRI	LM	CRI	LM	CRI	LM	CRI	LM	CRI	LM	CRI	LM	CRI	LM	CRI	LM	CRI
2200K	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
2400K	131	95	103	94	178	93	126	92	231	93	184	93	336	93	257	93	320	94	265	94	581	93	434	93
2700K	125	97	102	97	165	95	120	96	238	99	188	98	314	96	238	96	324	98	280	98	565	96	416	96
3000K	133	99	108	98	163	96	134	96	242	98	198	98	319	96	269	97	337	98	294	98	580	96	464	97
3500K	142	96	114	96	196	98	152	98	242	96	204	97	369	98	282	98	350	97	285	97	662	98	495	98
4000K	148	95	120	96	174	97	158	97	263	96	207	97	356	97	300	97	364	97	305	97	611	97	512	97

6 DIODE VISIBILITY



TEMPERATURE RATINGS

	1.5 W/FT		1.5 HE W/FT		3.0 W/FT		3.0 HE W/FT		5.0 W/FT		6.0 HE W/FT	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
Ambient Operating Temp - Surface	-4°F	130°F	-4°F	140°F	-4°F	125°F	-4°F	125°F	-4°F	105°F	-4°F	95°F
Storage Temp	-4°F	140°F	-4°F	140°F	-4°F	140°F	-4°F	140°F	-4°F	140°F	-4°F	140°F
Installation Temp	50°F	100°F	50°F	100°F	50°F	100°F	50°F	100°F	50°F	100°F	50°F	100°F

© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | www.QTL.lighting

Q-CAP BOXA™ STATIC WHITE

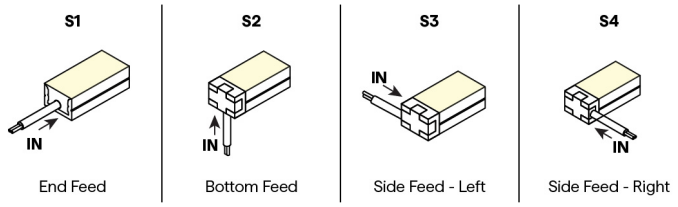
24VDC Flexible Fixtures

BUG RATING

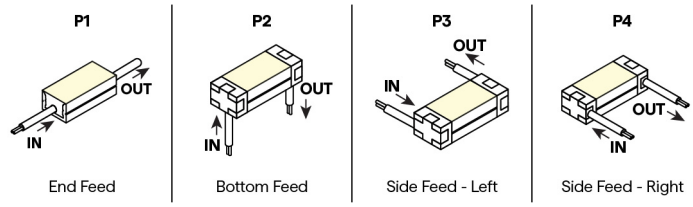
WATTAGE	B	U	G
1.5 (ALL CCTs), 3.0 (ALL CCTs), 5.0 (ALL CCTs)	B0	U1	G0
1.5HE (ALL CCTs), 3.0HE (ALL CCTs), 6.0HE ENC/TL (2400K, 2700K, 3000K, 4000K)	B0	U1	G0
6.0HE ENC/CL (2700K, 3000K), 6.0HE ENC/TL (3500K)	B0	U1	G1
6.0HE ENC/CL (2400K , 3500K, 4000K)	B0	U2	G1

7 WIRE INPUT/OUTPUT

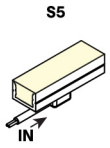
SINGLE (Input only)



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

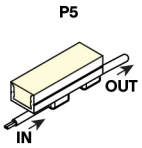


SEAMLESS SINGLE (Input only)



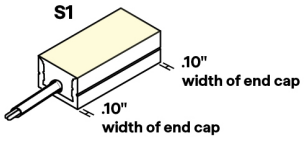
Seamless Feed

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

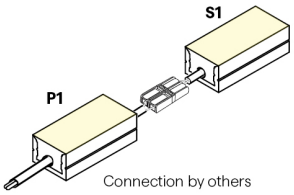


Seamless Feed

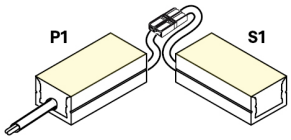
CONFIGURATION OPTIONS



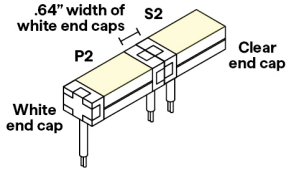
Single End Feed



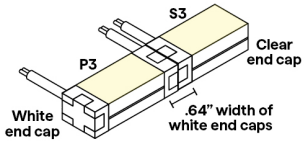
Non-Continuous End Feed



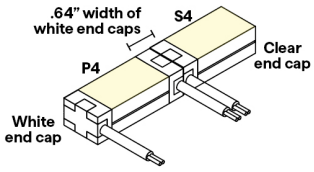
Non-Continuous Corner Feed



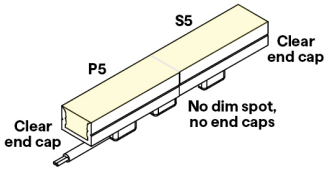
Continuous Bottom Feed



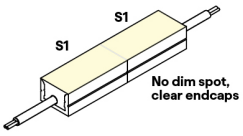
Continuous Side Feed - Left



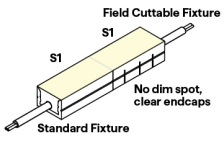
Continuous Side Feed - Right



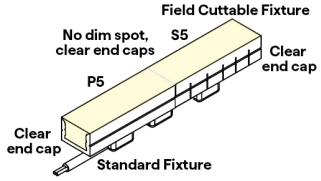
Seamless Bottom Feed



Continuous End to End Feed



Field Cuttable - Continuous End to End Feed



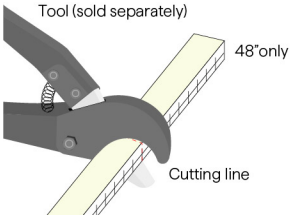
Field Cuttable - Seamless Bottom Feed

© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | www.QTL.lighting

Q-CAP BOXA™ STATIC WHITE

24VDC Flexible Fixtures

FIELD CUTTABLE MARKING



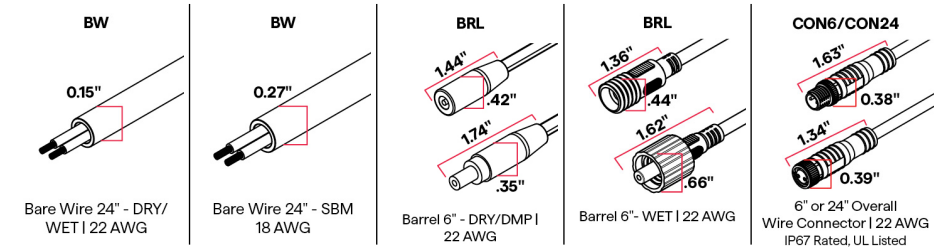
Field cuttable fixtures are sold in 4' increments and go at the end of a run, allowing for easy field adjustment



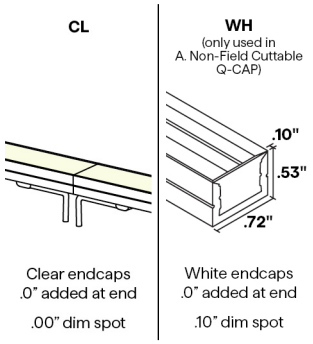
Note: Only FC fixtures are field cuttable — Do not attempt to cut non FC fixtures.
Cut only on the marked cut lines. Only cut from non-feed end. Do not attempt to cut while power is on.

8 / 9 CONNECTOR/WIRE – IN/OUT

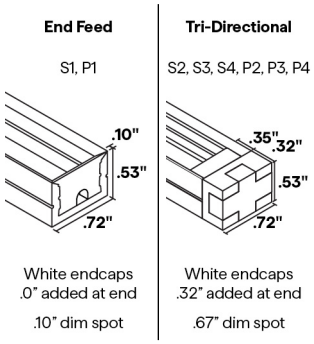
SBM rating only available with BW. Connector/Wire In or Out not needed to specify product. Typical selection is S1 for Wire Input/Output, BW for Connector/Wire In, N/A for Connector/Wire Out, and WH for End Caps



10 END CAPS (NO FEED)

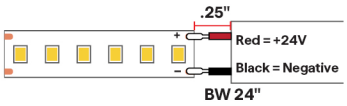


END CAPS (WITH FEED)

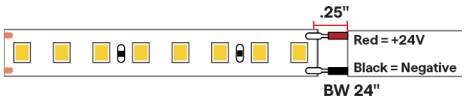


11 LENGTH - WIRING DETAIL

1.5W, 3.0W, 5.0W | Available in 1" increments 12"-191"



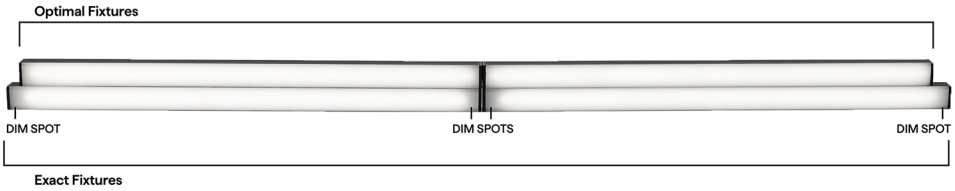
1.5HEW, 3.0HEW, 6.0HEW | Available in 2" increments 12"-191"



12 EXACT/OPTIMAL FIXTURE LENGTH

E/O Length Calculator → E/O Explained →

Exact fixtures are the exact length specified +0 -1/8". 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.



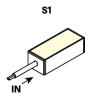
© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | www.QTL.lighting

Q-CAP BOXA™ STATIC WHITE

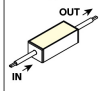
24VDC Flexible Fixtures

SW ENC LENGTHS BY INCH

EXACT LENGTH

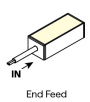
Requested Length	Potential dim spot on either end of a S1 fixture  End Feed
12"	0.5"
13"	0.5"
14"	0.5"
15"	0.5"
16"	0.5"
17"	0.5"
18"	0.5"
19"	0.5"
20"	0.5"
21"	0.5"
22"	0.5"
23"	0.5"
24"	0.5"
36"	0.5"
48"	0.5"
60"	0.5"
72"	0.5"
84"	0.5"
96"	0.5"

OPTIMAL LENGTH

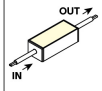
Requested Nominal Length	S1	S2 & S3 & S4			P1	P2 & P3 & P4			S5 & P5	
	S1  End Feed	S2  Bottom Feed	S3  Side Feed - Left	S4  Side Feed - Right	P1  End Feed	P2  Bottom Feed	P3  Side Feed - Left	P4  Side Feed - Right	S5  Seamless Feed	P5  Seamless Feed
12"	11.45"	11.85"			11.70"	11.50"			11.20"	
13"	12.45"	12.85"			12.70"	12.50"			12.20"	
14"	13.45"	13.85"			13.70"	13.50"			13.20"	
15"	14.45"	14.85"			14.70"	14.50"			14.20"	
16"	15.45"	15.85"			15.70"	15.50"			15.20"	
17"	16.45"	16.85"			16.70"	16.50"			16.20"	
18"	17.45"	17.85"			17.70"	17.50"			17.20"	
19"	18.45"	18.85"			18.70"	18.50"			18.20"	
20"	19.45"	19.85"			19.70"	19.50"			19.20"	
21"	20.45"	20.85"			20.70"	20.50"			20.20"	
22"	21.45"	21.85"			21.70"	21.50"			21.20"	
23"	22.45"	22.85"			22.70"	22.50"			22.20"	
24"	23.45"	23.85"			23.70"	23.50"			23.20"	
36"	35.45"	35.85"			35.70"	35.50"			35.20"	
48"	47.45"	47.85"			47.70"	47.50"			47.20"	
60"	59.45"	59.85"			59.70"	59.50"			59.20"	
72"	71.45"	71.85"			71.70"	71.50"			71.20"	
84"	83.45"	83.85"			83.70"	83.50"			83.20"	
96"	95.45"	95.85"			95.70"	95.50"			95.20"	

SW-HE ENC LENGTHS BY INCH

EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture  End Feed
12"	1"
13"	0.5"
14"	1"
15"	0.5"
16"	1"
17"	0.5"
18"	1"
19"	0.5"
20"	1"
21"	0.5"
22"	1"
23"	0.5"
24"	1"
36"	1"
48"	1"
60"	1"
72"	1"
84"	1"
96"	1"

OPTIMAL LENGTH

Requested Nominal Length	S1	S2 & S3 & S4			P1	P2 & P3 & P4			S5 & P5	
	S1  End Feed	S2  Bottom Feed	S3  Side Feed - Left	S4  Side Feed - Right	P1  End Feed	P2  Bottom Feed	P3  Side Feed - Left	P4  Side Feed - Right	S5  Seamless Feed	P5  Seamless Feed
12"	10.45"	10.85"			10.70"	11.50"			10.20"	
13"	12.45"	12.85"			12.70"	11.50"			12.20"	
14"	12.45"	12.85"			12.70"	13.50"			12.20"	
15"	14.45"	14.85"			14.70"	13.50"			14.20"	
16"	14.45"	14.85"			14.70"	15.50"			14.20"	
17"	16.45"	16.85"			16.70"	15.50"			16.20"	
18"	16.45"	16.85"			16.70"	17.50"			16.20"	
19"	18.45"	18.85"			18.70"	17.50"			18.20"	
20"	18.45"	18.85"			18.70"	19.50"			18.20"	
21"	20.45"	20.85"			20.70"	19.50"			20.20"	
22"	20.45"	20.85"			20.70"	21.50"			20.20"	
23"	22.45"	22.85"			22.70"	21.50"			22.20"	
24"	22.45"	22.85"			22.70"	23.50"			22.20"	
36"	34.45"	34.85"			34.70"	35.50"			34.20"	
48"	46.45"	46.85"			46.70"	47.50"			46.20"	
60"	58.45"	58.85"			58.70"	59.50"			58.20"	
72"	70.45"	70.85"			70.70"	71.50"			70.20"	
84"	82.45"	82.85"			82.70"	83.50"			82.20"	
96"	94.45"	94.85"			94.70"	95.50"			94.20"	

© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | www.QTL.lighting

Specification subject to change. Rev-10-13-26

Q-CAP BOXA™ STATIC WHITE

24VDC Flexible Fixtures

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	
	SW24/1.5-4.0	SW24/5.0, SW-HE, SW-HE+	SW24/1.5-4.0	SW24/5.0, SW-HE, SW-HE+
Dim to Black	Q6M-DC+CAP QTM-DC+CAP iQ-PH+QD1	Q6M-DC+CAP QTM-DC+CAP iQ-PH+QD1	QOM-DC+CAP QOM-PH	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-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP	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-PRO-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+DALI-DT6-PS QZ-DMX QZ-PRO-PH/0-10V	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+DALI-DT6-PS QZ-DMX QZ-PRO-PH/0-10V
1%	Q-DIM QTM-eLED(E) QZ-DALI-DT6	Q-DIM QTM-eLED(E) QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QZ-DALI-DT6
10%	Non-Dim Power Supply with SW App Dongle	Non-Dim Power Supply with SW App Dongle	Q-HEX-mini-DC Q-SET-mLED	

DIMMING PROTOCOL	INDOOR		OUTDOOR	
	SW24/1.5-4.0	SW24/5.0, SW-HE, SW-HE+	SW24/1.5-4.0	SW24/5.0, SW-HE, SW-HE+
Non-Dim	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND	Q-SET-QZ-ND Q-SET-eLED-ND QOM-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-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1	Q-HEX-mini-DC Q-SET-QZ-PH/0-10V Q-SET-mLED QOM-DC+CAP QOM-PH QZ-PRO-PH/0-10V	Q-SET-QZ-PH/0-10V QOM-DC+CAP QOM-PH QZ-PRO-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-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP	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-PRO-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-PRO-PH/0-10V	Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QZ-PRO-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	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)	QTM-eLED(E)		
DMX	QZ-DMX	QZ-DMX	Q-SET-QZ-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	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	Q-SET+QZ-DALI-DT6 QOM-eLED+DALI-DT6 QZ-DALI-DT6
SCENE App Dimmed	Non-Dim Power Supply with SW App Dongle	Non-Dim Power Supply with SW App Dongle		

© 2026 QTL. All rights reserved

Q-CAP BOXA™ STATIC WHITE

24VDC Flexible Fixtures

COMPATIBLE MOUNTING ACCESSORIES

Q-ANGLE



Adjustable mounting accessory

NJ-LARGE



J Mounting Bracket

NU-LARGE



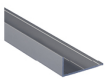
U Mounting Bracket

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

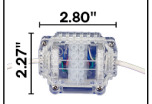
COMPATIBLE WIRING ACCESSORIES

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

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE



Wi-Fi or Bluetooth Connectivity

COMPATIBLE APPS

NFC APP



Read and write DMX addresses and adjust voltage

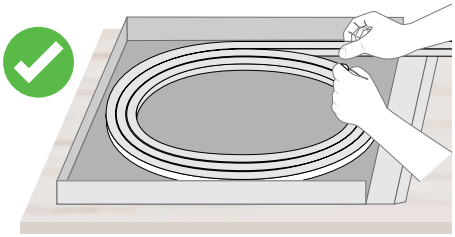
© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | www.QTL.lighting

BOXA

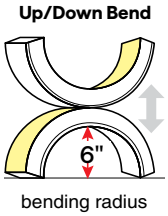
Q-CAP HANDLING INSTRUCTIONS

WARNING: FRAGILE

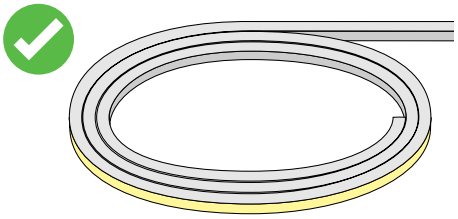
Flexible fixtures contain sensitive electronics, requiring careful handling and installation to preserve their warranty. When unpacking flexible fixtures, handle them gently and test all fixtures upon receiving.



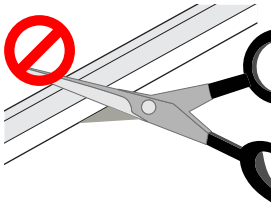
Keep the fixtures flat and supported when removing them from the box. Unroll them carefully on a flat surface and do not bend them against the intended bend direction.



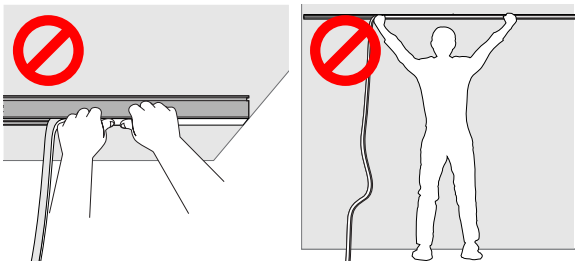
This BOXA fixture can only be up and down bent. Do not bend the fixture more than a 6" radius.



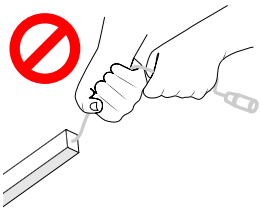
Powering the fixtures prior to installing will warm them up and make them more flexible, preventing damage.



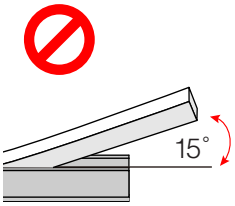
Only FC fixtures are field cuttable. Do not attempt to cut non-FC fixtures. Field modifications void warranty.



Do not let any portion of the fixture hang in any direction during installation. Use two people to install to ensure the fixture does not hang.



Do not grab or pull by the wire feeds.



Do not bend the fixture more than 15 degrees when installing into mounting brackets or channels.

MISHANDLING OF FIXTURES DURING INSTALLATION VOIDS WARRANTY

TEMPERATURE RATINGS

Static White & Static White HE	1.5 W/FT		1.5HE W/FT		3.0 W/FT		3.0HE W/FT		5.0 W/FT		6.0HE W/FT	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
Ambient Operating Temp - Surface	-4°F	130°F	-4°F	140°F	-4°F	125°F	-4°F	125°F	-4°F	105°F	-4°F	95°F
Storage Temp	-4°F	140°F	-4°F	140°F	-4°F	140°F	-4°F	140°F	-4°F	140°F	-4°F	140°F
Installation Temp	50°F	100°F	50°F	100°F	50°F	100°F	50°F	100°F	50°F	100°F	50°F	100°F

Static Color	5.0 W/FT	
	Min	Max
Ambient Operating Temp - Surface	-4°F	105°F
Storage Temp	-4°F	120°F
Installation Temp	50°F	100°F

Tunable & Warm Dim	DW 1.5HE W/FT		DW 2.5HE W/FT	
	Min	Max	Min	Max
Ambient Operating Temp - Surface	-4°F	140°F	-4°F	125°F
Storage Temp	-4°F	120°F	-4°F	120°F
Installation Temp	50°F	100°F	50°F	100°F

RGB	6.0 W/FT	
	Min	Max
Ambient Operating Temp - Surface	-14°F	90°F
Storage Temp	-13°F	176°F
Installation Temp	50°F	100°F

RGBW & RGBW-HE	6.0 W/FT		4.0HE W/FT	
	Min	Max	Min	Max
Ambient Operating Temp - Surface	-4°F	95°F	-4°F	110°F
Storage Temp	-4°F	140°F	-4°F	176°F
Installation Temp	50°F	100°F	50°F	100°F

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

BOXA

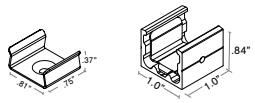
Q-CAP Installation Instructions

ATTENTION: Please read all instructions BEFORE installation

- Product to be installed by a licensed electrician - Field modifications void warranty
- Use only with Class 2 power supply unit — Warranty only valid with QTL power supplies
- Surface mount or recessed in millwork
- Not rated for walkover
- Input Voltage: 24VDC
- Diagrams for representation only and not to scale.

METHODS OF INSTALLATION

Mounting Clips & Channels

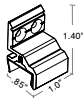


WSC
White snug clip

RLC
Rigid lock channel

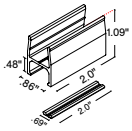


MC
Magnetic clip

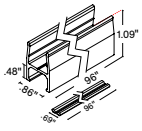


SGC
Side graze channel

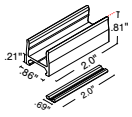
Seamless Mounting Channels



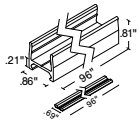
PPS-2
2" PVC mount channel



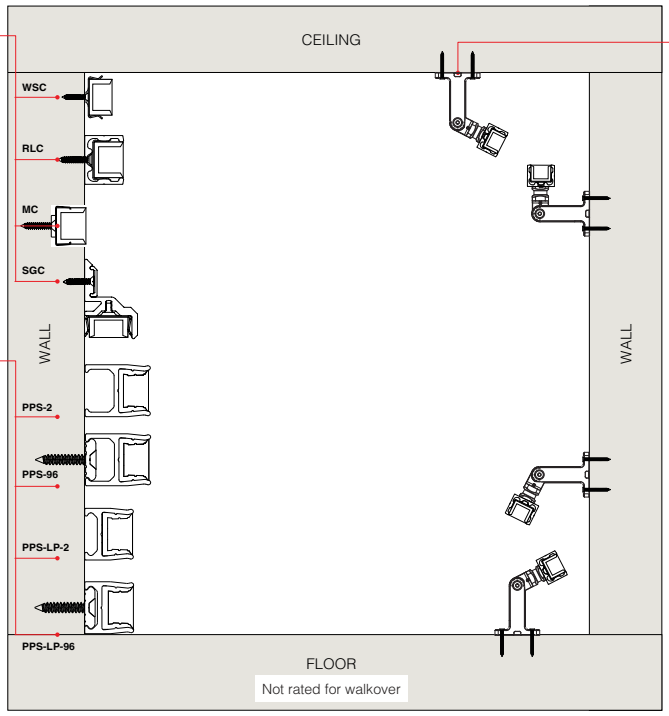
PPS-96
96" length PVC mount channel



PPS-LP-2
2" PVC low profile mount channel



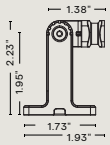
PPS-LP-96
96" length PVC low profile mount channel



Additional Mounting

(Sold separately)

Q-ANGLE



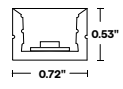
Mounting Method

- WSC (page 7)
- RLC (page 8)
- SGC (page 9)
- BN-UD (page 10)
- MC (page 11)
- PPS-2 (page 12)
- PPS-LP-2 (page 13)
- PPS-96 (page 14)
- PPS-LP-96 (page 15)

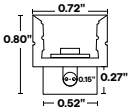
© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

BOXA

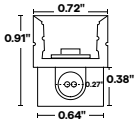
Q-CAP Installation Instructions



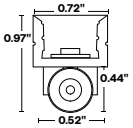
BOXA Profile



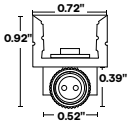
BOXA Profile (Seamless BW - DRY/WET)



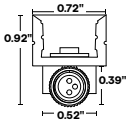
BOXA Profile (Seamless BW - SBM)



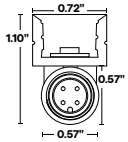
BOXA Profile (Seamless BRL)



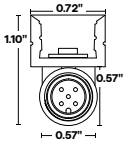
BOXA Profile (Seamless CON24 SW, SW-HE, SC)



BOXA Profile (Seamless CON24 DW-HE)



BOXA Profile (Seamless CON24 RGB)



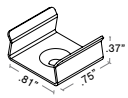
BOXA Profile (Seamless CON24 RGBW)

COMPONENTS & HARDWARE

Alternate screw lengths can be used in installation as long as the screw diameter size is consistent with the included screw diameter size

MOUNTING CLIP & MOUNTING CHANNEL

WSC

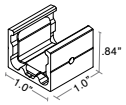


White snug clip

Included
- #6 Flat Screw (one provided for each clip)

- White snug clip included with side graze channel
- 2 white snug clips provided per first 12", 1 for each additional 12".Other mounting styles incur additional charge, see price guide for details

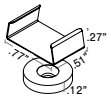
RLC



Rigid lock channel

Included
- #6 Flat Screw (one provided for each clip)
- 5/64 Allen key
- #8-32 Set Screw

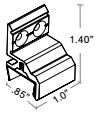
MC



Magnetic clip (Cove use only)

Included
- #6 Flat Screw (one provided for each clip)

SGC

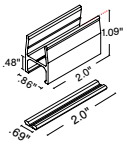


Side graze channel

Included
- #6 Flat Screw (one provided for each clip)

SEAMLESS MOUNTING CLIP & SEAMLESS MOUNTING CHANNEL

PPS-2

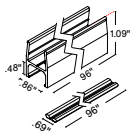


PVC mounting clip

Included
- #8 flat head screw (one provided for each clip)
- Built in wireway

- Join two fixtures together

PPS-96

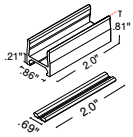


PVC channel

Included
- #8 flat head screw (1 screw for every 16")
- Built in wireway

- Support the fixtures

PPS-LP-2

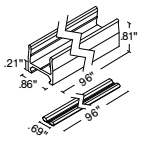


Low profile PVC mounting clip

Included
- #8 flat head screw (one provided for each clip)
- No wireway

- Join two fixtures together

PPS-LP-96

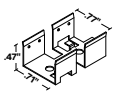


Low profile PVC channel

Included
- #8 flat head screw (1 screw for every 16")
- No wireway

- Support the fixtures

STND-QCAP-BN-UD



Vertical Flexible Channel

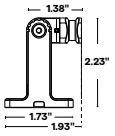
Included
- #4-40 1/2" screws (64 screws for every 16')

© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

BOXA

Q-CAP Installation Instructions

ACCESSORIES SOLD SEPARATELY
Q-ANGLE; sold in pairs



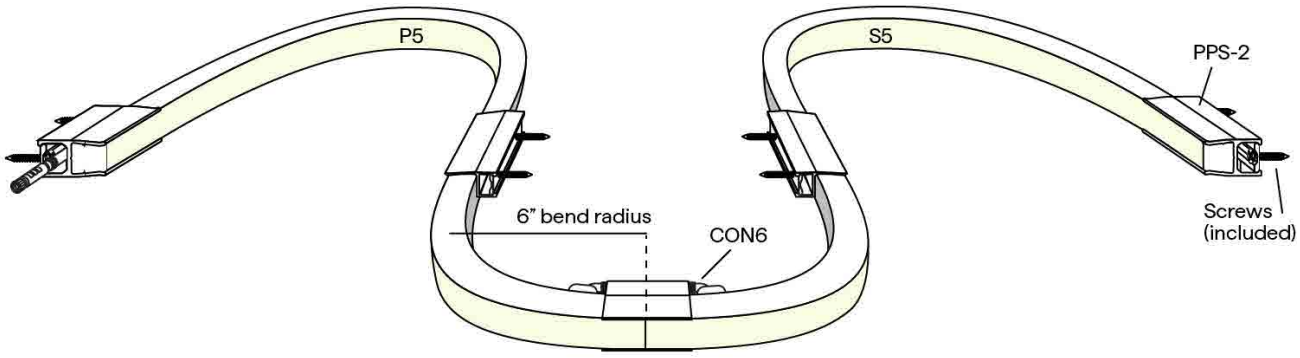
Q-ANGLE

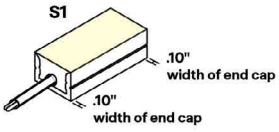
Included
• 4 SS #6×1.25" Flat head wood screws
• 2 SS 4-40 Flat head clip screws
• 2 SS 6-32 Fillister screws

© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

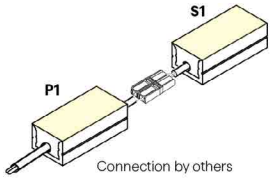
CONFIGURATION OPTIONS

BOXA

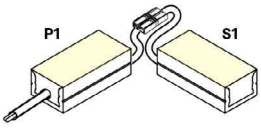




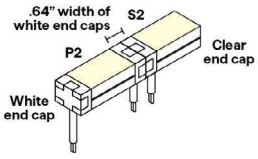
Single End Feed



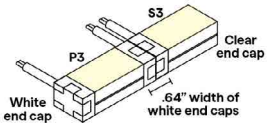
Non-Continuous End Feed



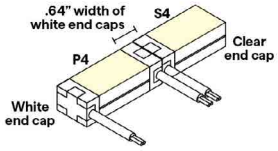
Non-Continuous Corner Feed



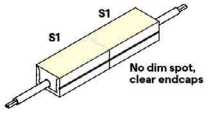
Continuous Bottom Feed



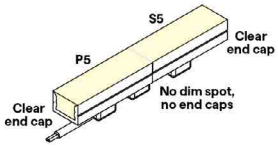
Continuous Side Feed - Left



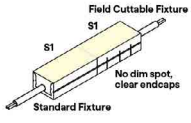
Continuous Side Feed - Right



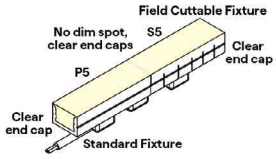
Continuous End to End Feed



Seamless Bottom Feed



Field Cuttable - Continuous End to End Feed



Field Cuttable - Seamless Bottom Feed

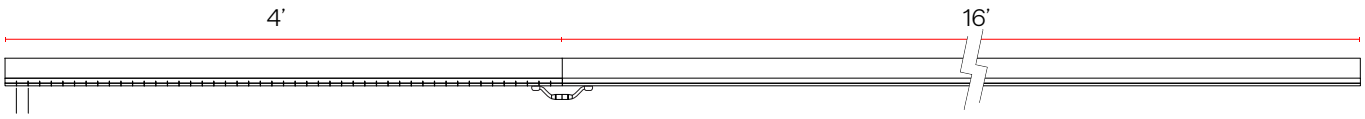
Review wire method to ensure clean installation prior to mounting finished fixture.

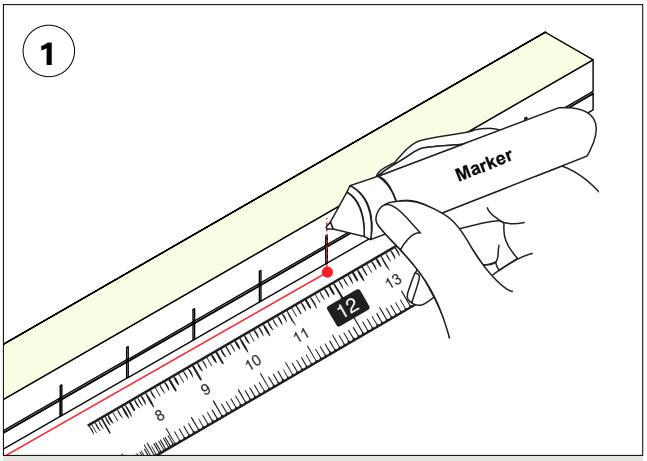
NOTE: Additional wire methods include:
S1, S2, S3, S4, S5: Connector/Wire Input only
P1, P2, P3, P4, P5: Connector/Wire Input and Output

© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

FIELD CUTTABLE

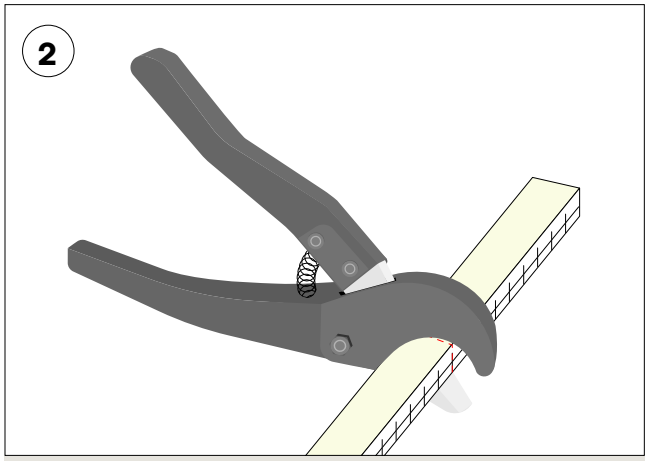
- Field cuttable fixtures are sold in 4' increments and go at the end of a run, allowing easy field adjustment
- Only FC fixtures are field cuttable - DO NOT CUT NON-FIELD CUTTABLE FIXTURES
- Do not attempt to cut while power is on





Mark desired length on field cuttable housing on the cut line.

NOTE: Only Cut on the marked cut lines. Only cut from non-feed end.

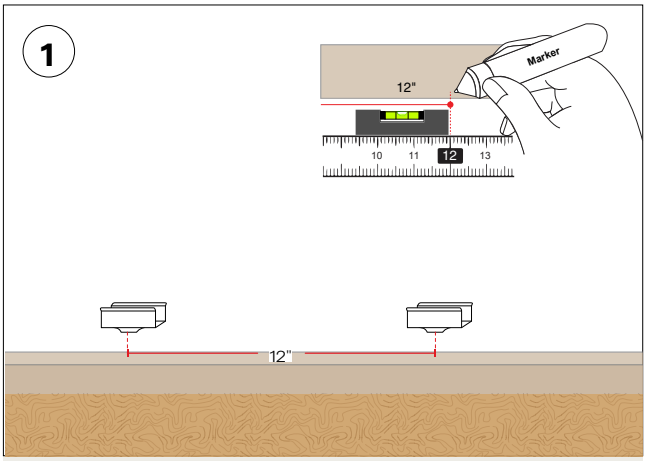


Cut with Q-CAP cutter tools (sold separately).

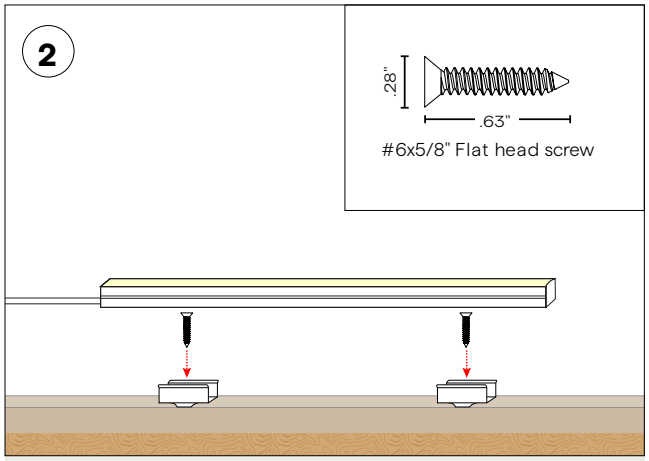
© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

SURFACE MOUNTING METHOD: **WHITE SNUG CLIP**

- 2 clips provided per first 12", 1 for each additional 12"

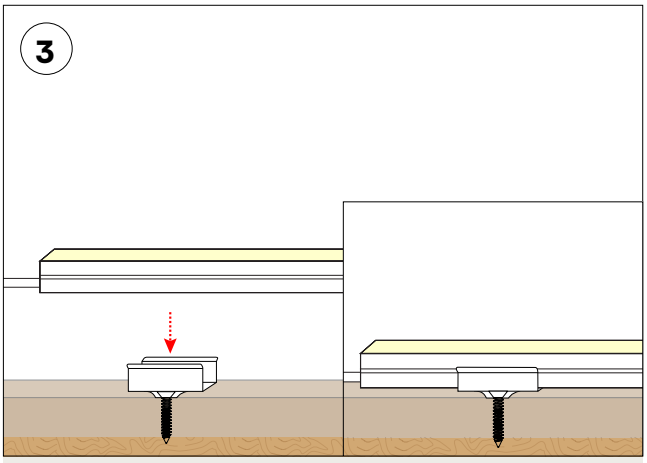


Determine the fixture(s) location and positioning on desired surface; evenly distribute clips. Make any necessary reference markings to indicate where each clip is to be secured in place. Recommended every 12".



- Secure clips using the #6 flat head hardware provided
- Ensure the screw head is flush with the clip's base.

NOTE: Flat head screw type is dependent on surface/application material Alternative flat head screws may be required. Refer to the surface material manufacturer for suggested screw type.

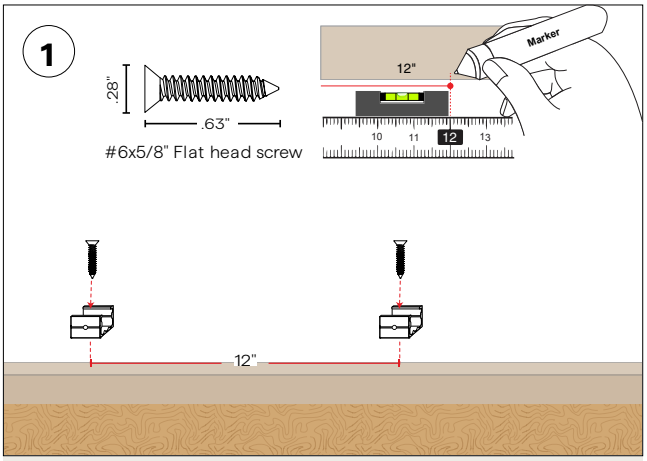


Snap fixture onto clips.

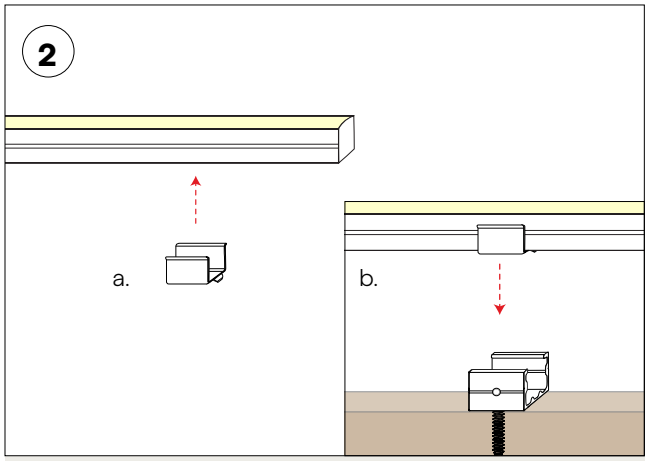
© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

SURFACE MOUNTING METHOD: **RIGID LOCK CHANNEL**

- 2 clips provided per first 12", 1 for each additional 12"

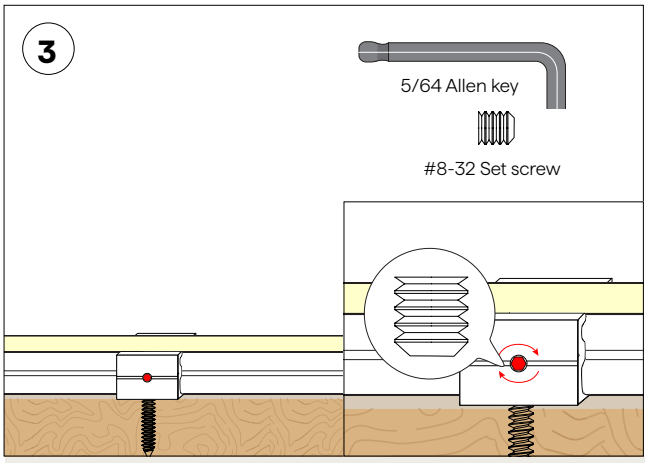


Determine the fixture(s) location and positioning on desired surface; evenly distribute clips. Make any necessary reference markings to indicate where each clip is to be secured in place. Recommended every 12".



a. Push retainer clip onto fixture.

b. Push fixture with retainer clip into Rigid Lock Channel.

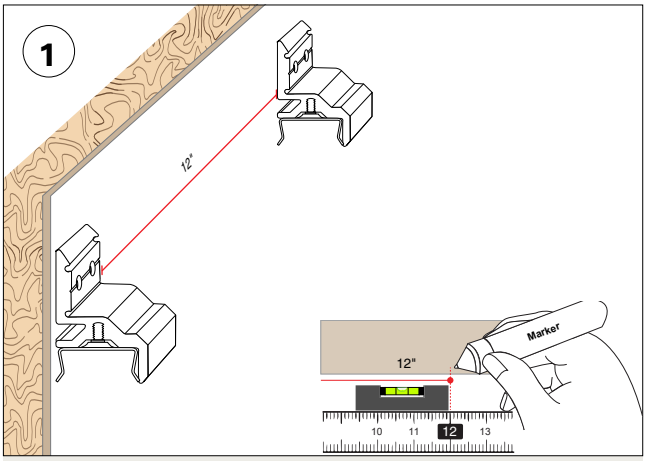


Tighten set screw to lock fixture in channel for extra security.

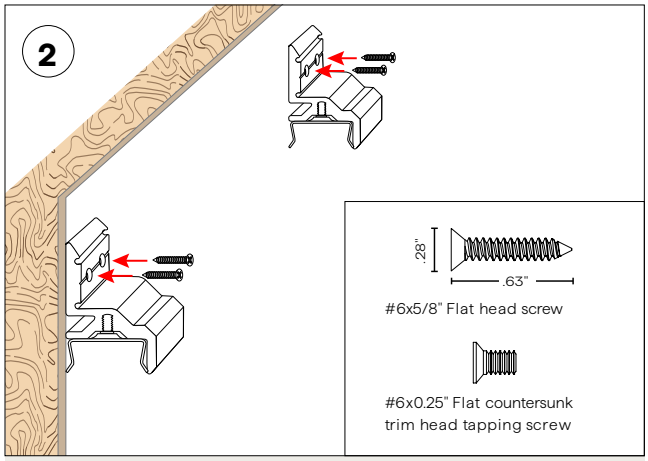
© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

SURFACE MOUNTING METHOD: **SIDE GRAZE CHANNEL**

- 2 clips provided per first 12", 1 for each additional 12"

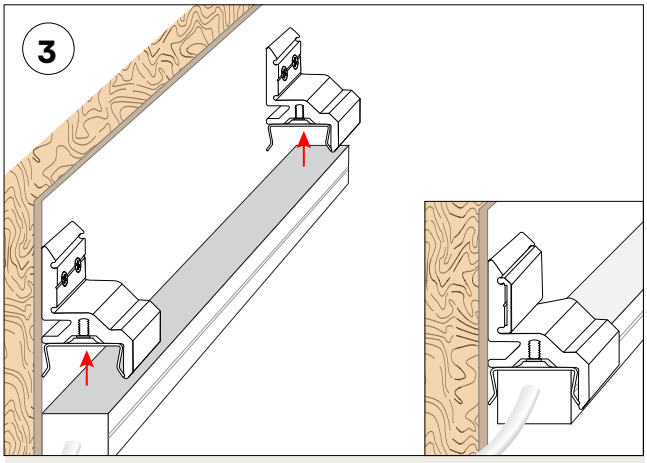


Determine the fixture(s) location and positioning on desired surface; evenly distribute clips. Make any necessary reference markings to indicate where each clip is to be secured in place. Recommended every 12".



- Secure clips using the #6 flat head hardware provided
- Ensure the screw head is flush with the clip's base.

NOTE: Flat head screw type is dependent on surface/application material Alternative flat head screws may be required. Refer to the surface material manufacturer for suggested screw type.



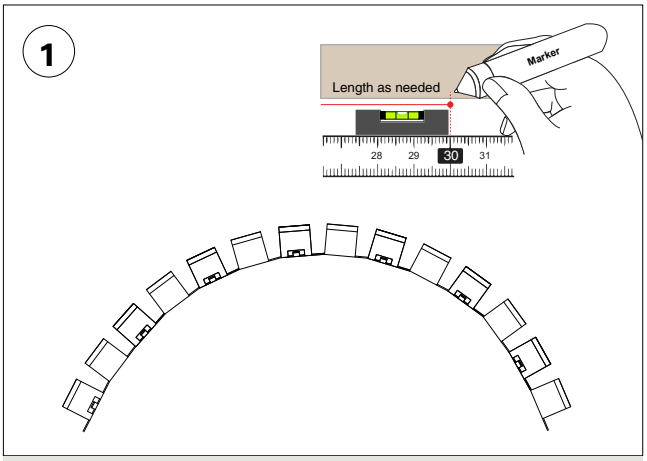
Snap fixture onto clips.

© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

BOXA

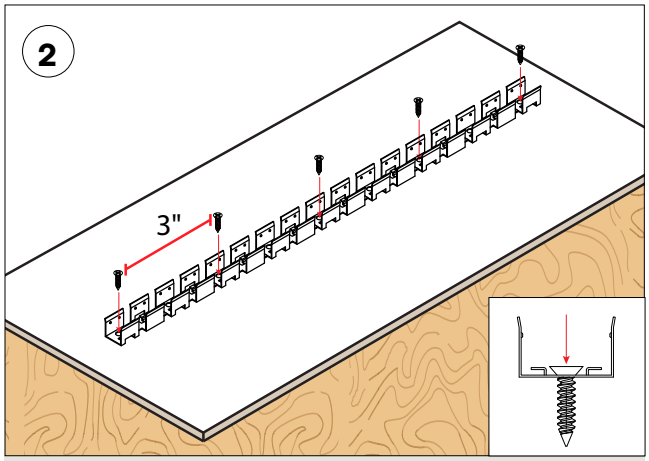
Q-CAP Installation Instructions

SURFACE MOUNTING METHOD: **BN-UD**

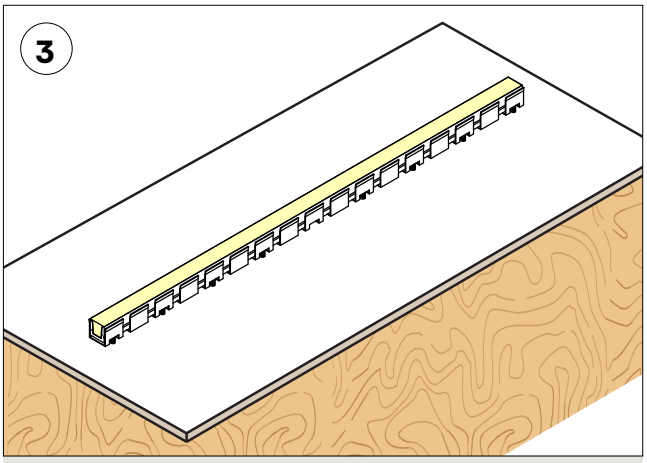


Determine the fixture(s) location and positioning on desired surface and arrange the BENDIT channel into the desired shape. Make any necessary reference markings to indicate where the channel is to be secured in place.

NOTE: The bend of the channel cannot exceed the bend of the fixture, Bending past the recommended amount can damage the fixture, Please see Q-CAP fixture bend radius chart or fixture cut sheet



Use #4 tapping screws to make shape desired while not exceeding fixture bend radius. Recommended 1 screw approximately every 3”



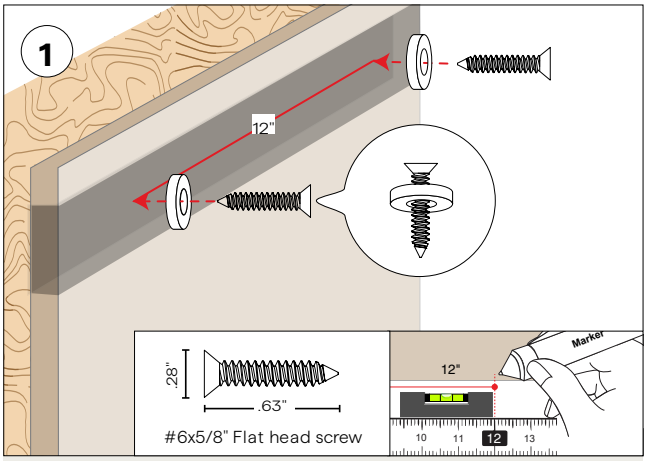
Press fit the fixture into the channel until secure.

Q-CAP Fixture Bend Radius			
Fixture	Vertical Bend	Horizontal Bend	Helical Bend
ANYBEND	9"	9"	-
BOXA	6"	-	-
KURV	-	6"	-
KURV-BK	-	10"	-
LUME	6"	-	-
NEXUS	4"	-	4"
WALA	-	6"	-
WAVE	6"	-	-
WURM	6"	-	6"
ZALA	-	6"	-

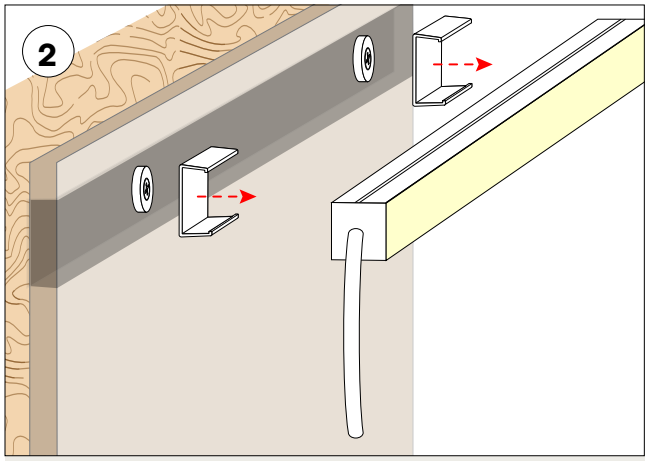
© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

RECESSED MOUNTING METHOD: **MAGNETIC CLIP**

- 2 clips provided per first 12", 1 for each additional 12"

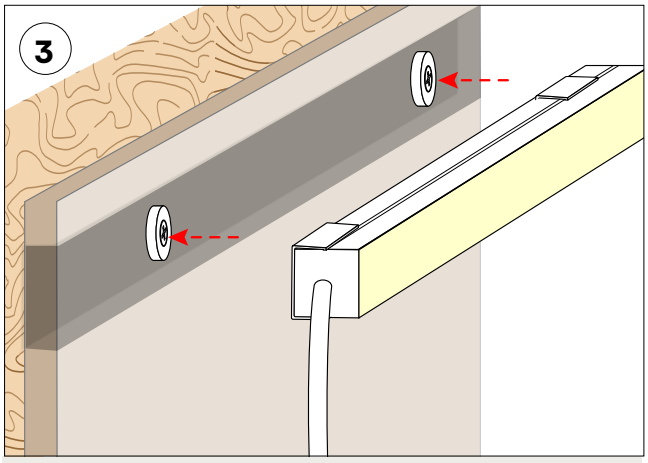


Determine the fixture(s) location and positioning on desired surface; evenly distribute clips. Make any necessary reference markings to indicate where each clip is to be secured in place. Recommended every 12".



Attach clips to fixture matching magnet distances.

NOTE: Flat head screw type is dependent on surface/application material. Alternative flat head screws may be required. Refer to the surface material manufacturer for suggested screw type.

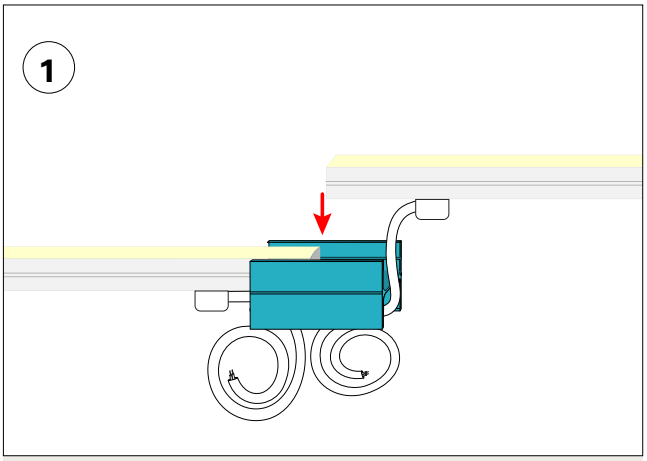


Align and snap fixture to magnetic rings.

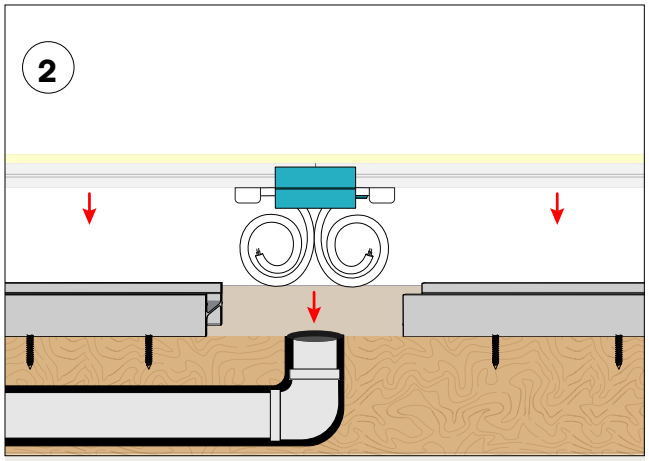
© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

SEAMLESS MOUNTING METHOD: **PPS-2**

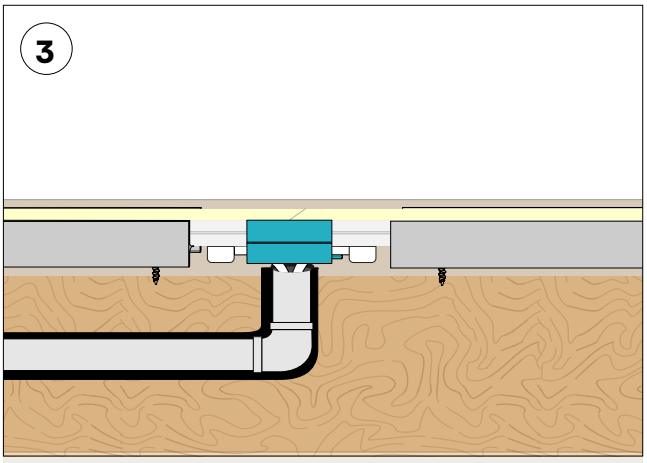
- Connects two seamless fixtures, with or without wire exit
- 2" PVC mount chanel
- Built in wireway



Press both fixtures into PPS clip.



Snap fixture into mounted PPS channel. Align the wire exit with conduit and leave a space in the bracketing for the wire exits.

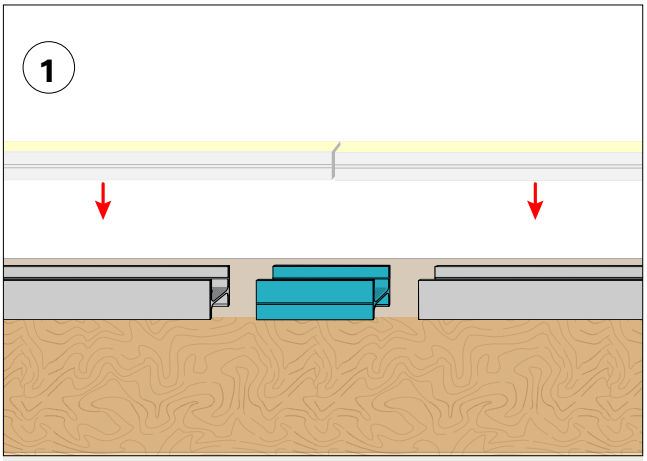


Finished assembly for seamless bottom feed mounting

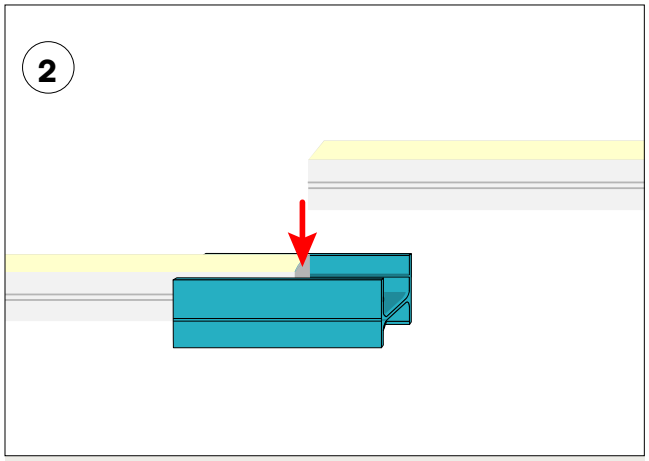
© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

SEAMLESS MOUNTING METHOD: **PPS-LP-2**

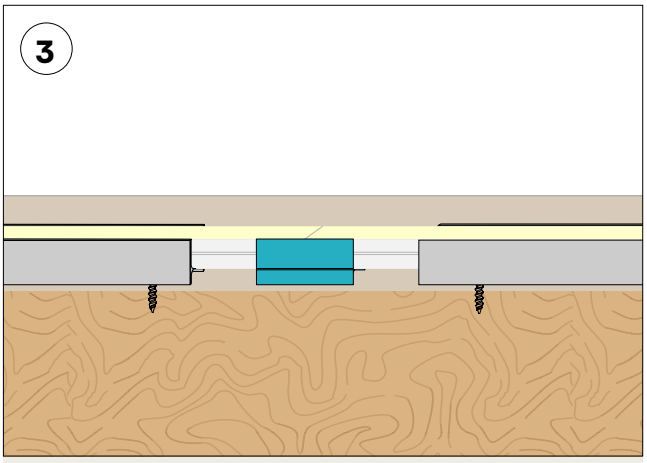
- Connects two fixtures, with no wire exit
- 2" low profile PVC mount chanel



Snap in 2" channel.



Press fixture into mounted PPS channel.

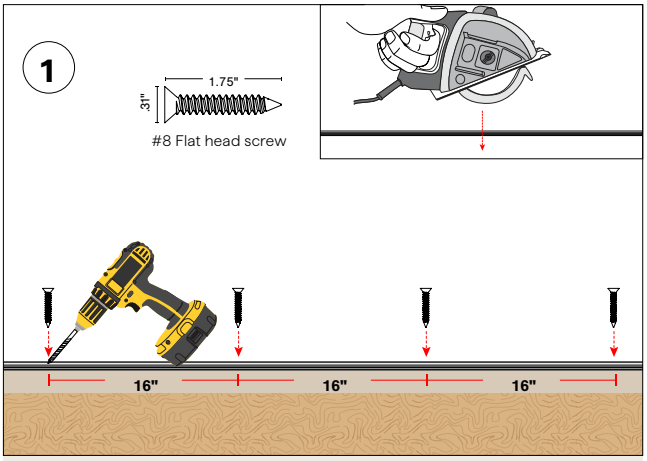


Finished assembly for end feed mounting

© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

SEAMLESS MOUNTING METHOD: **PPS-96**

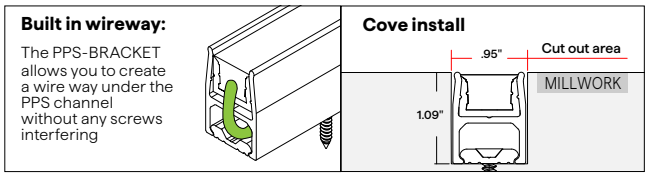
- Support two seamless fixtures, with or without wire exit
- 96" (PPS-96)
- Built in wireway

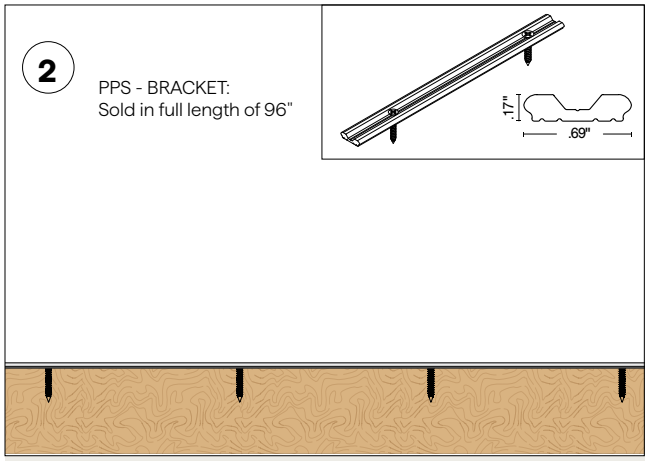


The PPS-BRACKET can be field cuttable and cut to whatever length your application requires. The PPS-BRACKET can be installed as a full length of 96", multiple smaller pieces, or end to end for longer seamless runs.

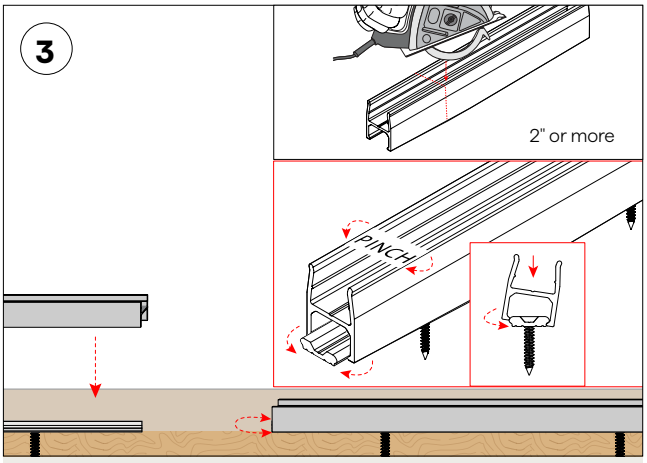
Using pre-drilled pilot holes screw the #8 flat head screws to mount the PPS-BRACKET (1 screw every 16").

NOTE: For drywall applications mount directly into a stud.





Using pre-drilled pilot holes, use the #8 flat head screws to mount the PPS-BRACKET.

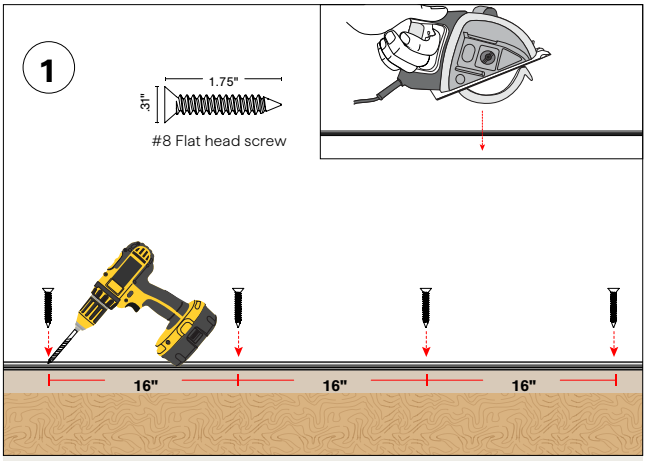


To mount, pinch the upper half of the PPS-96 while you pivot it around one side of the PPS-BRACKET and push-in until you hear it snap into place. PPS-FT flexes around the PPS-BRACKET to create a solid, and secure snap on connection.

© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

SEAMLESS MOUNTING METHOD: **PPS-LP-96**

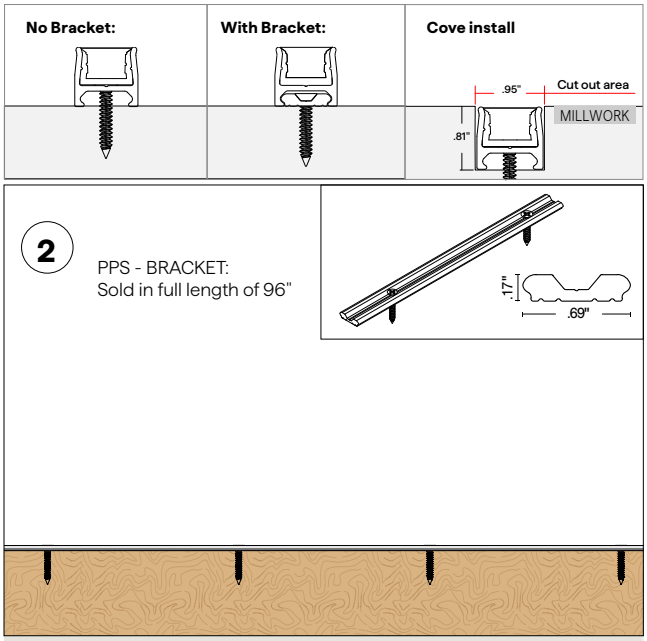
- Support two fixtures, without built-in wireway
- 96" (PPS-LP-96) low profile PVC mount channel



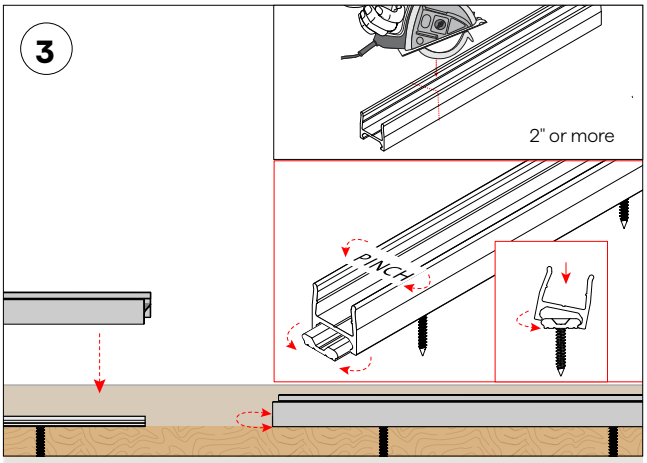
The PPS-BRACKET can be field cuttable and cut to whatever length your application requires. The PPS-BRACKET can be installed as a full length of 96", multiple smaller pieces, or end to end for longer seamless runs.

Using pre-drilled pilot holes screw the #8 flat head screws to mount the PPS-BRACKET (1 screw every 16").

NOTE: For drywall applications mount directly into a stud.



Using pre-drilled pilot holes, use the #8 flat head screws to mount the PPS-BRACKET.



To mount, pinch the upper half of the PPS-LP-96 while you pivot it around one side of the PPS-BRACKET and push-in until you hear it snap into place. The PPS-LP-96 flexes around the PPS-BRACKET to create a solid, and secure snap on connection.

© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

Q-CAP BOXA-SW

Flexible Fixtures Color Data

BOXA-SW-DRY-24-5.0-ENC/CL

2389 K

CRI: 93.7

CRI R9: 68.2

TM30 Rf: 90.0

TM30 Rg: 104.1

CQS: 86.2

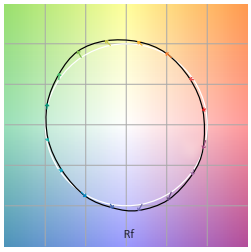
X: 0.482

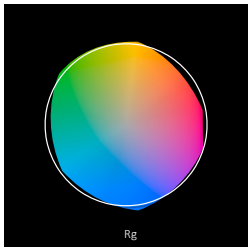
Y: 0.406

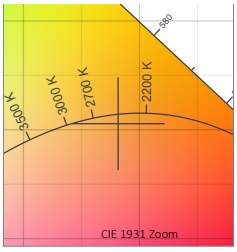
U: 0.279

V: 0.352

Δuv: -0.0030







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95.3	97.2	95.9	93.9	94.4	96.4	92.1	84.8	68.2	91.1	94.3	86.3	96.1	96.2	92.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
84.9	92.8	84.2	85.3	88.7	85.0	79.7	84.0	94.1	88.4	87.6	87.2	87.9	87.1	86.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
92.3	91.8	83.5	89.3	91.2	88.6	88.4	91.1	95.1	92.5	89.2	88.2	90.0	85.2	91.5	87.2

TM30			
Hue Bin	R_f	Chroma	Hue
1	92	-4%	-1%
2	92	-3%	4%
3	83	1%	8%
4	89	3%	6%
5	91	7%	5%
6	89	9%	-1%
7	88	4%	-6%
8	91	1%	-6%
9	95	-2%	-2%
10	92	-3%	3%
11	89	1%	8%
12	88	4%	4%
13	90	7%	-6%
14	85	6%	-9%
15	91	2%	-6%
16	87	-1%	-10%

BOXA-SW-DRY-27-5.0-ENC/CL

2813 K

CRI: 97.5

CRI R9: 94.8

TM30 Rf: 95.5

TM30 Rg: 102.1

CQS: 95.3

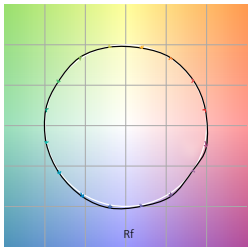
X: 0.448

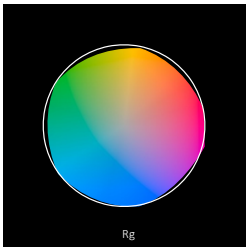
Y: 0.403

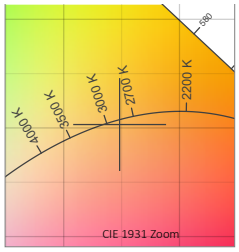
U: 0.258

V: 0.348

Δuv: -0.0017







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.8	98.9	96.0	96.9	97.5	97.2	99.6	97.3	94.8	99.3	94.5	87.4	97.1	96.6	96.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.2	97.1	92.2	93.5	96.6	96.1	93.4	96.2	96.5	96.4	97.3	97.8	97.5	95.9	95.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
97.1	98.1	97.0	95.5	95.7	96.5	94.0	98.1	96.3	93.6	92.6	93.6	96.7	94.9	95.4	91.8

TM30			
Hue Bin	R_f	Chroma	Hue
1	97	0%	0%
2	98	1%	0%
3	97	1%	0%
4	95	-2%	-1%
5	96	-1%	1%
6	97	2%	1%
7	94	0%	2%
8	98	1%	0%
9	96	1%	2%
10	94	1%	4%
11	93	3%	5%
12	94	4%	1%
13	97	2%	-2%
14	95	4%	-2%
15	95	0%	0%
16	92	3%	-6%

BOXA-SW-DRY-30-5.0-ENC/CL

2962 K

CRI: 97.8

CRI R9: 96.2

TM30 Rf: 93.9

TM30 Rg: 102.5

CQS: 93.1

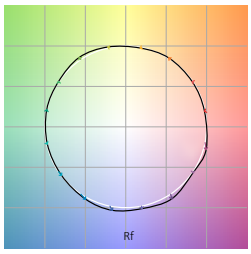
X: 0.436

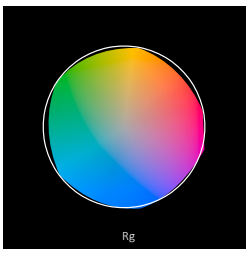
Y: 0.397

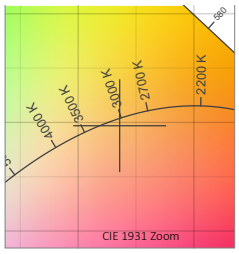
U: 0.253

V: 0.346

Δuv: -0.0027







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.5	98.6	94.6	97.6	98.7	96.5	98.1	98.6	96.2	94.6	96.3	82.9	99.6	95.9	99.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
96.9	97.8	87.7	88.9	93.9	93.9	90.0	93.8	95.9	93.6	93.9	94.9	96.1	96.3	96.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
97.0	97.2	93.5	94.1	94.2	94.8	94.3	97.2	96.4	91.0	88.7	90.7	95.7	92.8	95.7	89.9

TM30			
Hue Bin	R_f	Chroma	Hue
1	97	-1%	0%
2	97	-1%	1%
3	93	0%	3%
4	94	-1%	1%
5	94	1%	3%
6	95	3%	0%
7	94	0%	0%
8	97	0%	-2%
9	96	-1%	2%
10	91	-1%	6%
11	89	2%	8%
12	91	4%	4%
13	96	3%	0%
14	93	6%	-2%
15	96	1%	-1%
16	90	3%	-8%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

Specification subject to change. Rev-03-10-24

Q-CAP BOXA-SW

Flexible Fixtures Color Data

BOXA-SW-DRY-35-5.0-ENC/CL

3571 K

CRI: 96.3

CRI R9: 91.8

TM30 Rf: 91.3

TM30 Rg: 98.8

CQS: 95.3

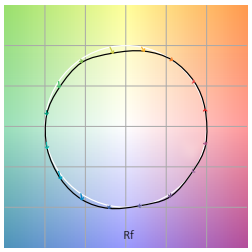
X: 0.400

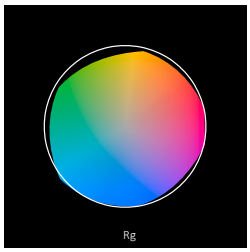
Y: 0.385

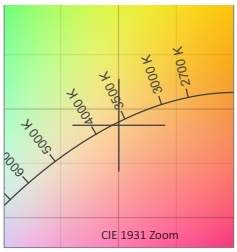
U: 0.235

V: 0.339

Δuv: -0.0014







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95.6	96.9	99.1	96.7	95.8	95.2	95.8	95.4	91.8	95.6	97.9	77.8	95.5	98.4	94.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.3	96.4	94.5	92.4	93.0	94.3	99.5	99.8	98.4	98.6	99.0	98.2	98.6	97.1	94.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
93.5	95.5	94.8	90.7	89.2	94.0	89.4	92.2	88.7	86.1	89.1	92.6	94.2	92.9	90.5	90.3

TM30			
Hue Bin	R_f	Chroma	Hue
1	94	0%	2%
2	96	1%	-1%
3	95	0%	-2%
4	91	-4%	-4%
5	89	-8%	-2%
6	94	-4%	1%
7	89	-5%	6%
8	92	-1%	5%
9	89	1%	8%
10	86	3%	9%
11	89	5%	5%
12	93	4%	-1%
13	94	0%	-4%
14	93	3%	-3%
15	90	0%	-1%
16	90	1%	-3%

BOXA-SW-DRY-40-5.0-ENC/CL

4164 K

CRI: 96.1

CRI R9: 90.0

TM30 Rf: 91.4

TM30 Rg: 99.6

CQS: 94.5

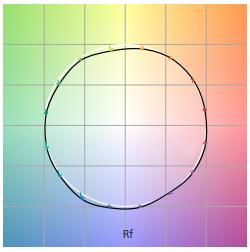
X: 0.371

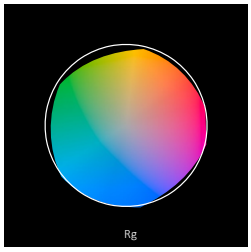
Y: 0.363

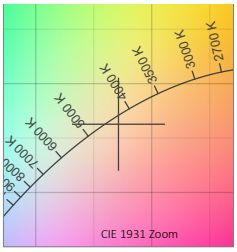
U: 0.225

V: 0.329

Δuv: -0.0040







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95.4	96.5	98.7	96.9	95.4	94.4	95.8	95.4	90.0	95.4	98.6	74.2	95.3	98.5	92.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.3	97.9	90.9	88.7	91.3	94.4	98.8	98.9	98.2	99.2	98.5	99.2	99.2	96.7	94.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
93.3	95.4	95.9	92.0	90.4	95.3	92.2	90.4	87.1	86.8	87.3	93.5	93.4	94.5	89.8	89.6

TM30			
Hue Bin	R_f	Chroma	Hue
1	93	0%	2%
2	95	1%	0%
3	96	0%	-1%
4	92	-3%	-3%
5	90	-6%	-2%
6	95	-3%	1%
7	92	-4%	3%
8	90	-2%	6%
9	87	0%	10%
10	87	2%	8%
11	87	5%	7%
12	93	4%	0%
13	93	3%	-2%
14	94	-1%	0%
15	90	2%	-3%
16	90	2%	-4%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

Specification subject to change. Rev-03-10-24

Q-CAP BOXA-SW

Flexible Fixtures Color Data

BOXA-SW-DRY-24-5.0-ENC/TL

2321 K

CRI: 93.6

CRI R9: 66.8

TM30 Rf: 90.7

TM30 Rg: 103.3

CQS: 86.1

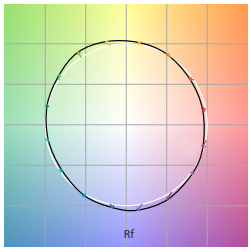
X: 0.490

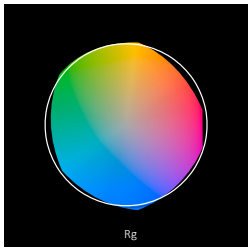
Y: 0.410

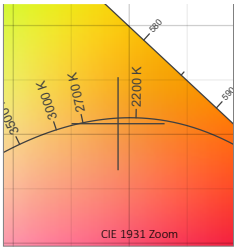
U: 0.283

V: 0.354

Δuv: -0.0017







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94.7	96.9	96.0	94.0	93.9	96.4	92.3	84.3	66.8	90.4	94.7	86.1	95.5	96.2	91.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
84.3	91.5	84.5	85.3	88.1	85.0	80.6	84.2	93.3	88.4	87.9	87.6	88.1	86.0	85.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
92.1	91.9	84.9	90.7	92.3	90.0	89.8	92.3	95.4	92.5	89.8	89.2	90.0	85.5	92.0	87.6

TM30			
Hue Bin	R_f	Chroma	Hue
1	92	-4%	0%
2	92	-3%	3%
3	85	0%	8%
4	91	3%	5%
5	92	6%	4%
6	90	8%	0%
7	90	3%	-6%
8	92	0%	-5%
9	95	-2%	-1%
10	92	-3%	3%
11	90	1%	7%
12	89	4%	4%
13	90	6%	-7%
14	86	5%	-9%
15	92	1%	-6%
16	88	-2%	-9%

BOXA-SW-DRY-27-5.0-ENC/TL

2709 K

CRI: 97.8

CRI R9: 96.3

TM30 Rf: 95.7

TM30 Rg: 101.7

CQS: 95.3

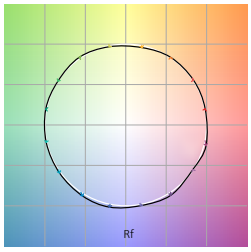
X: 0.458

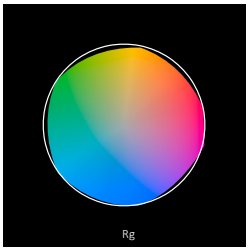
Y: 0.407

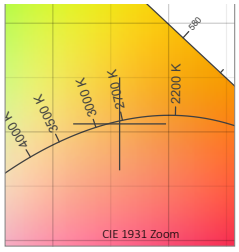
U: 0.263

V: 0.351

Δuv: -0.0010







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.3	99.2	95.9	97.2	97.8	97.6	99.7	97.7	96.3	99.4	94.9	88.2	97.6	96.5	97.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
94.6	96.5	92.6	93.6	96.3	96.1	93.8	96.3	96.3	96.4	97.3	97.1	96.8	95.8	95.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
97.3	98.1	97.2	95.6	95.9	96.4	95.8	98.3	96.5	94.2	93.2	93.8	96.5	95.1	95.5	92.5

TM30			
Hue Bin	R_f	Chroma	Hue
1	97	0%	0%
2	98	0%	0%
3	97	0%	0%
4	96	-2%	-1%
5	96	-1%	1%
6	96	2%	1%
7	96	0%	2%
8	98	1%	0%
9	96	1%	2%
10	94	1%	4%
11	93	3%	5%
12	94	4%	0%
13	97	1%	-2%
14	95	3%	-2%
15	95	0%	0%
16	92	2%	-6%

BOXA-SW-DRY-30-5.0-ENC/TL

2978 K

CRI: 97.2

CRI R9: 93.4

TM30 Rf: 93.9

TM30 Rg: 101.7

CQS: 93.3

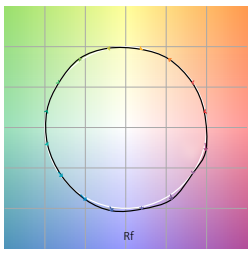
X: 0.437

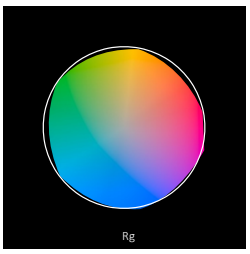
Y: 0.401

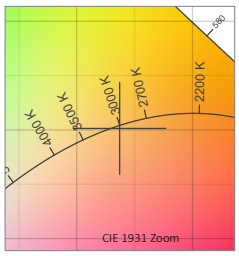
U: 0.252

V: 0.347

Δuv: -0.0011







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.8	97.8	93.8	97.7	97.5	95.7	98.5	97.9	93.4	92.5	96.7	80.5	98.7	95.5	98.6
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
96.2	97.7	87.9	88.9	93.4	93.9	90.9	94.5	95.7	93.9	94.5	95.8	96.9	96.5	96.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.7	97.2	93.8	94.1	94.3	95.6	94.3	97.8	95.8	90.3	88.2	90.6	95.9	92.9	95.7	89.7

TM30			
Hue Bin	R_f	Chroma	Hue
1	97	-1%	0%
2	97	-1%	1%
3	94	0%	3%
4	94	-2%	1%
5	94	0%	3%
6	96	3%	0%
7	94	0%	0%
8	98	0%	-1%
9	96	-1%	2%
10	90	-1%	6%
11	88	2%	9%
12	91	4%	4%
13	96	3%	0%
14	93	5%	-2%
15	96	0%	-1%
16	90	3%	-8%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

Specification subject to change. Rev-03-10-24

Q-CAP BOXA-SW

Flexible Fixtures Color Data

BOXA-SW-DRY-35-5.0-ENC/TL

3535 K

CRI: 96.6

CRI R9: 92.6

TM30 Rf: 92.0

TM30 Rg: 99.4

CQS: 95.6

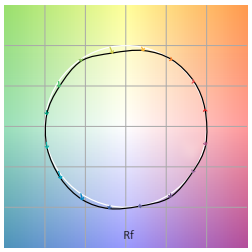
X: 0.401

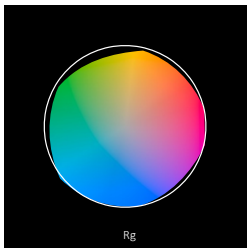
Y: 0.383

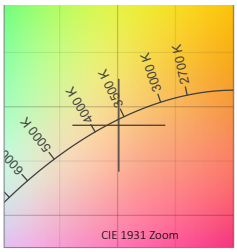
U: 0.236

V: 0.338

Δuv: -0.0025







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95.8	96.8	99.0	97.5	96.0	95.0	96.4	96.1	92.6	95.7	97.8	78.4	95.7	98.4	94.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.5	97.4	93.5	91.9	93.3	95.4	99.3	99.2	98.9	99.8	99.9	99.4	99.5	96.9	94.7
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
93.9	96.0	95.7	91.6	90.6	96.1	90.1	93.2	89.6	86.9	89.0	92.6	94.7	93.0	90.9	90.6

TM30			
Hue Bin	R_f	Chroma	Hue
1	94	0%	1%
2	96	1%	-1%
3	96	0%	-1%
4	92	-4%	-3%
5	91	-8%	-1%
6	96	-2%	1%
7	90	-4%	5%
8	93	-1%	5%
9	90	1%	7%
10	87	3%	9%
11	89	5%	6%
12	93	4%	-1%
13	95	0%	-4%
14	93	3%	-3%
15	91	0%	-1%
16	91	1%	-3%

BOXA-SW-DRY-40-5.0-ENC/TL

3906 K

CRI: 96.4

CRI R9: 90.3

TM30 Rf: 91.9

TM30 Rg: 99.9

CQS: 95.1

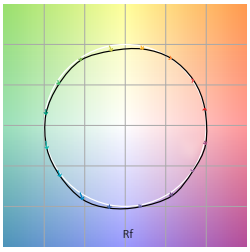
X: 0.382

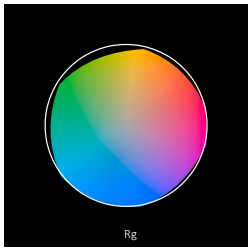
Y: 0.370

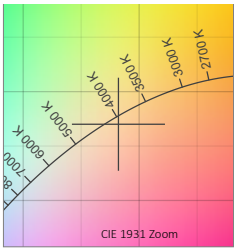
U: 0.229

V: 0.333

Δuv: -0.0037







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95.5	96.7	98.4	97.6	95.8	94.8	96.5	95.6	90.3	95.9	98.3	76.4	95.5	98.2	93.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.0	98.2	91.6	89.9	92.4	95.4	98.6	99.0	98.2	99.1	98.7	99.5	99.5	96.8	94.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
93.7	95.7	96.0	92.3	90.7	95.5	92.6	90.9	87.8	87.6	87.8	92.4	93.7	95.2	90.9	90.2

TM30			
Hue Bin	R_f	Chroma	Hue
1	94	0%	1%
2	96	1%	0%
3	96	0%	-1%
4	92	-3%	-3%
5	91	-6%	-1%
6	95	-3%	1%
7	93	-4%	4%
8	91	-1%	6%
9	88	0%	9%
10	88	2%	8%
11	88	5%	7%
12	92	4%	1%
13	94	2%	-3%
14	95	4%	-1%
15	91	1%	-1%
16	90	2%	-3%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

Specification subject to change. Rev-03-10-24

Q-CAP BOXA-SW-HE

Flexible Fixtures Color Data

BOXA-SW-DRY-24-1.5HE-ENC/CL

2392 K

CRI: 92.7

CRI R9: 65.4

TM30 Rf: 90.8

TM30 Rg: 102.3

CQS: 87.2

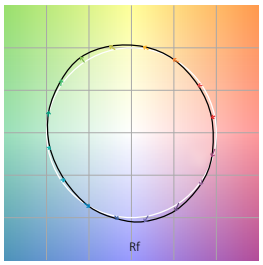
X: 0.487

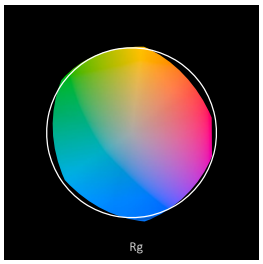
Y: 0.415

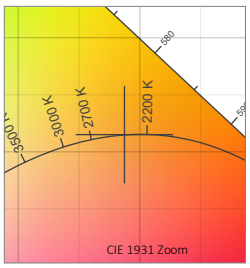
U: 0.278

V: 0.355

Δuv: 0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.7	95.2	93.9	93.9	92.4	94.2	93.5	84.6	65.4	86.6	94.5	81.0	94.0	95.1	90.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
85.1	92.9	85.1	86.4	87.6	84.5	82.9	87.4	93.9	89.6	90.1	90.6	90.9	85.9	85.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
91.9	92.1	85.9	90.7	92.3	90.6	89.8	92.5	94.2	92.2	89.8	88.6	91.2	86.7	91.9	88.2

TM30			
Hue Bin	R_f	Chroma	Hue
1	92	-4%	-1%
2	92	-4%	3%
3	86	-1%	7%
4	91	2%	5%
5	92	5%	5%
6	91	7%	0%
7	90	3%	-6%
8	93	0%	-5%
9	94	-2%	-2%
10	92	-4%	3%
11	90	0%	7%
12	89	3%	4%
13	91	6%	-5%
14	87	5%	-8%
15	92	2%	-5%
16	88	-2%	-9%

BOXA-SW-DRY-24-3.0HE-ENC/CL

2405 K

CRI: 92.8

CRI R9: 66.1

TM30 Rf: 90.6

TM30 Rg: 102.6

CQS: 87.2

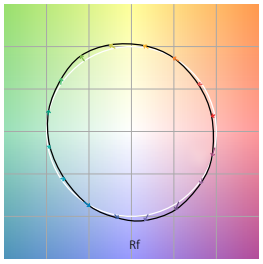
X: 0.485

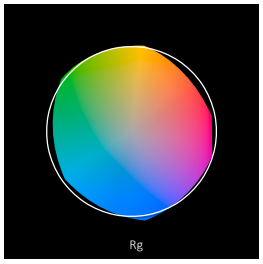
Y: 0.414

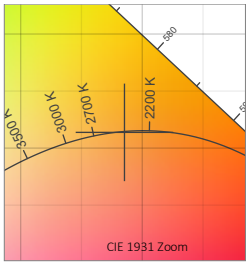
U: 0.278

V: 0.355

Δuv: -0.0003







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.8	95.3	93.9	93.9	92.6	94.3	93.5	84.9	66.1	86.9	94.4	80.9	94.2	95.1	90.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
85.4	93.1	84.7	86.1	87.8	84.5	82.3	87.0	94.1	89.4	89.9	90.3	90.8	86.4	85.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
91.9	92.2	85.5	90.5	92.3	90.4	89.8	92.5	94.4	91.8	89.0	88.2	91.0	86.2	91.9	87.4

TM30			
Hue Bin	R_f	Chroma	Hue
1	92	-4%	-1%
2	92	-4%	3%
3	86	0%	7%
4	90	2%	5%
5	92	5%	5%
6	90	7%	0%
7	90	3%	-5%
8	93	0%	-5%
9	94	-2%	-2%
10	92	-4%	3%
11	89	0%	8%
12	88	3%	4%
13	91	6%	-5%
14	86	5%	-8%
15	92	2%	-6%
16	87	-1%	-9%

BOXA-SW-DRY-24-6.0HE-ENC/CL

2406 K

CRI: 92.6

CRI R9: 65.5

TM30 Rf: 90.6

TM30 Rg: 102.4

CQS: 87.3

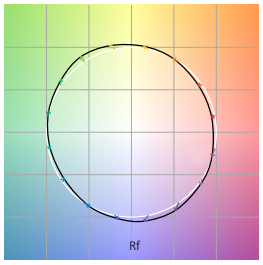
X: 0.486

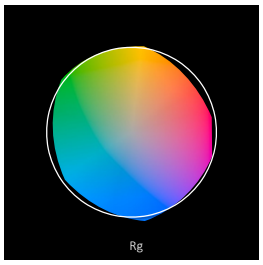
Y: 0.415

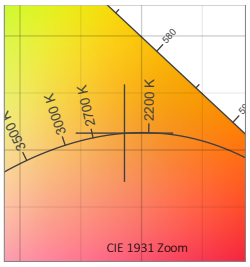
U: 0.277

V: 0.355

Δuv: 0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.7	95.1	93.8	93.8	92.3	94.0	93.5	84.7	65.5	86.4	94.4	80.7	94.0	95.1	90.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
85.3	93.1	85.0	86.3	87.7	84.5	82.9	87.5	94.0	89.6	90.1	90.7	91.0	86.1	85.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
91.8	92.2	85.8	90.5	92.3	90.6	89.9	92.6	94.2	91.9	89.4	88.3	91.2	86.4	91.8	87.6

TM30			
Hue Bin	R_f	Chroma	Hue
1	92	-4%	-1%
2	92	-4%	3%
3	86	-1%	7%
4	91	2%	5%
5	92	5%	5%
6	91	7%	0%
7	90	3%	-5%
8	93	0%	-5%
9	94	-2%	-2%
10	92	-4%	3%
11	89	0%	8%
12	88	3%	4%
13	91	6%	-5%
14	86	5%	-8%
15	92	2%	-6%
16	88	-1%	-9%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

Specification subject to change. Rev-03-10-24

Q-CAP BOXA-SW-HE

Flexible Fixtures Color Data

BOXA-SW-DRY-27-1.5HE-ENC/CL

2762 K

CRI: 95.0

CRI R9: 90.7

TM30 Rf: 94.5

TM30 Rg: 103.2

CQS: 94.9

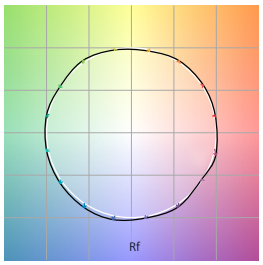
X: 0.447

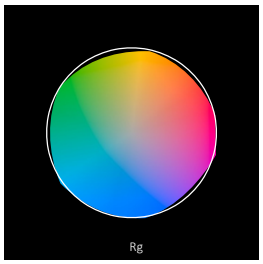
Y: 0.394

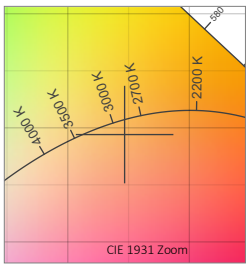
U: 0.261

V: 0.346

Δuv: -0.0051







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.0	95.0	98.4	94.4	93.0	91.3	98.0	96.5	90.7	91.6	90.7	83.7	92.7	97.9	93.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
94.5	96.2	93.3	94.7	97.3	95.2	92.4	95.0	97.4	96.8	97.1	97.4	97.2	93.0	94.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.9	96.5	95.1	94.5	95.4	95.4	92.5	96.6	94.7	94.0	93.2	92.2	94.3	93.8	94.3	91.4

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	1%	1%
2	96	2%	0%
3	95	2%	0%
4	95	-2%	-2%
5	95	-1%	1%
6	95	2%	1%
7	92	0%	3%
8	97	2%	0%
9	95	2%	2%
10	94	3%	3%
11	93	4%	3%
12	92	5%	-2%
13	94	2%	-4%
14	94	3%	-3%
15	94	-1%	1%
16	91	3%	-6%

BOXA-SW-DRY-27-3.0HE-ENC/CL

2747 K

CRI: 95.8

CRI R9: 94.5

TM30 Rf: 94.3

TM30 Rg: 102.3

CQS: 95.1

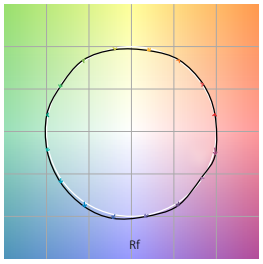
X: 0.450

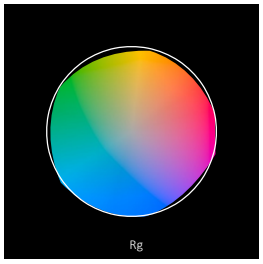
Y: 0.398

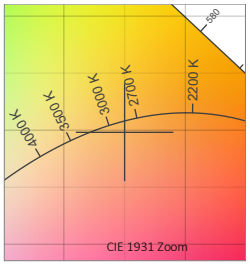
U: 0.262

V: 0.347

Δuv: -0.0038







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94.2	95.8	98.5	95.4	94.2	92.3	97.8	97.8	94.5	93.2	91.8	84.4	93.9	97.9	95.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.5	95.8	93.4	94.4	96.6	96.4	93.6	95.5	97.4	97.2	97.4	97.6	97.5	93.5	94.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.9	96.9	95.5	93.7	95.5	96.2	92.3	97.0	94.2	93.2	92.6	91.9	93.9	93.3	93.8	90.9

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	0%	1%
2	97	1%	0%
3	95	1%	0%
4	94	-3%	-3%
5	96	-2%	0%
6	96	1%	1%
7	92	-1%	3%
8	97	2%	0%
9	94	2%	3%
10	93	3%	4%
11	93	4%	4%
12	92	5%	-2%
13	94	1%	-4%
14	93	3%	-4%
15	94	-1%	1%
16	91	2%	-7%

BOXA-SW-DRY-27-6.0HE-ENC/CL

2725 K

CRI: 96.2

CRI R9: 97.4

TM30 Rf: 94.2

TM30 Rg: 101.9

CQS: 95.1

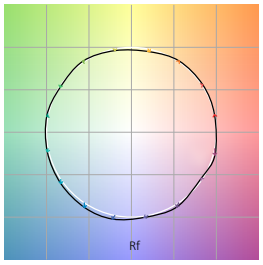
X: 0.453

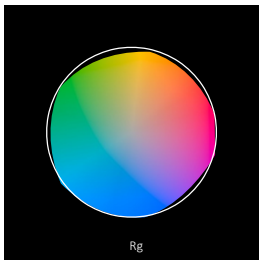
Y: 0.400

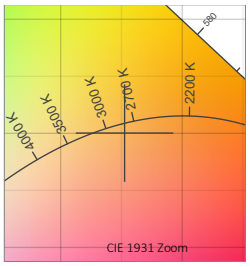
U: 0.262

V: 0.348

Δuv: -0.0033







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95.0	96.2	98.8	96.1	94.9	92.7	97.4	98.6	97.4	93.9	92.5	84.8	94.7	98.1	96.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.1	95.5	93.7	94.4	96.3	96.8	94.0	95.5	97.4	97.3	97.4	97.6	97.3	93.6	94.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.9	97.1	95.7	93.5	95.6	96.0	94.6	97.0	94.0	93.0	92.6	91.7	93.5	92.9	93.6	90.7

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	0%	1%
2	97	1%	0%
3	96	1%	0%
4	94	-3%	-3%
5	96	-2%	0%
6	96	1%	1%
7	95	-1%	3%
8	97	1%	1%
9	94	2%	3%
10	93	3%	4%
11	93	4%	4%
12	92	5%	-2%
13	94	1%	-5%
14	93	3%	-5%
15	94	-2%	0%
16	91	2%	-7%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

Specification subject to change. Rev-03-10-24

Q-CAP BOXA-SW-HE

Flexible Fixtures Color Data

BOXA-SW-DRY-30-1.5HE-ENC/CL

2977 K

CRI: 96.1

CRI R9: 91.4

TM30 Rf: 93.3

TM30 Rg: 102.9

CQS: 92.5

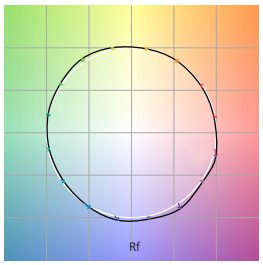
X: 0.437

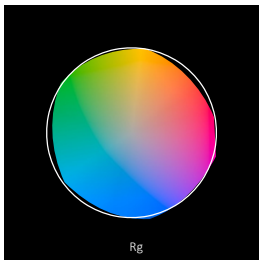
Y: 0.401

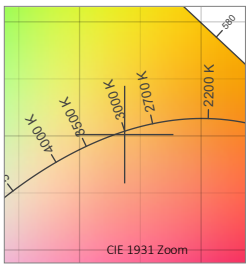
U: 0.252

V: 0.347

Δuv: -0.0012







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.2	96.7	92.3	96.3	96.8	94.4	97.1	97.0	91.4	90.0	95.6	80.4	97.8	94.7	98.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.5	97.5	86.7	89.1	93.1	91.1	88.9	93.8	95.3	92.7	93.6	95.1	96.5	96.0	95.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.5	96.9	91.9	93.1	93.7	92.9	95.2	95.4	96.5	92.1	88.3	89.5	94.8	92.3	95.0	89.8

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	-1%
2	97	-1%	1%
3	92	0%	4%
4	93	0%	3%
5	94	3%	4%
6	93	5%	0%
7	95	2%	-2%
8	95	0%	-3%
9	96	-1%	0%
10	92	-2%	5%
11	88	0%	9%
12	90	4%	5%
13	95	4%	1%
14	92	6%	-2%
15	95	2%	-2%
16	90	3%	-8%

BOXA-SW-DRY-30-3.0HE-ENC/CL

2984 K

CRI: 96.2

CRI R9: 91.5

TM30 Rf: 93.2

TM30 Rg: 102.3

CQS: 92.8

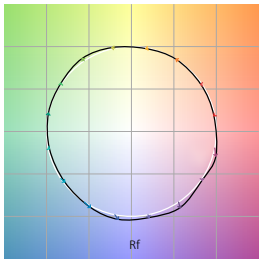
X: 0.438

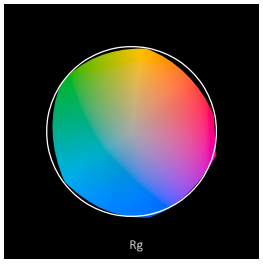
Y: 0.403

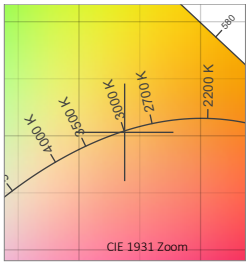
U: 0.251

V: 0.347

Δuv: -0.0005







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.0	96.5	92.6	96.8	96.5	94.2	97.6	97.3	91.5	89.9	95.9	77.9	97.5	94.9	97.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
96.2	97.6	86.6	88.6	93.1	92.0	89.7	94.2	95.4	93.3	94.1	95.6	96.8	96.1	96.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.3	96.9	92.6	93.3	93.9	94.2	94.5	96.8	96.1	90.6	87.3	89.2	95.1	91.9	95.3	88.6

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	-1%
2	97	-1%	1%
3	93	0%	4%
4	93	-1%	2%
5	94	1%	3%
6	94	4%	0%
7	95	1%	-1%
8	97	0%	-2%
9	96	-1%	1%
10	91	-2%	6%
11	87	1%	10%
12	89	5%	5%
13	95	3%	1%
14	92	6%	-2%
15	95	1%	-2%
16	89	3%	-9%

BOXA-SW-DRY-30-6.0HE-ENC/CL

2974 K

CRI: 96.4

CRI R9: 91.8

TM30 Rf: 93.2

TM30 Rg: 102.3

CQS: 92.8

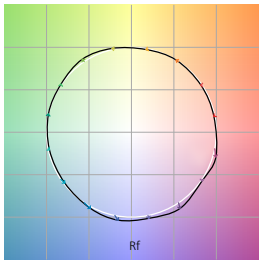
X: 0.438

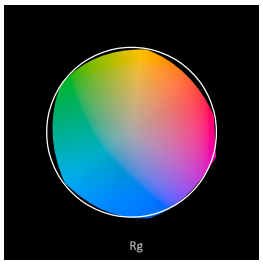
Y: 0.403

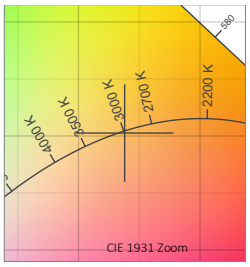
U: 0.252

V: 0.347

Δuv: -0.0008







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.2	96.8	92.7	96.9	96.8	94.5	97.7	97.4	91.8	90.4	96.0	78.2	97.9	94.9	97.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
96.2	97.7	86.7	88.4	93.2	92.3	89.7	94.1	95.4	93.3	94.1	95.6	96.9	96.2	96.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.3	96.9	92.7	93.3	93.8	94.3	94.3	96.9	96.0	90.3	87.2	89.3	95.2	91.9	95.3	88.5

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	-1%
2	97	-1%	1%
3	93	0%	3%
4	93	-1%	2%
5	94	1%	3%
6	94	4%	0%
7	94	0%	-1%
8	97	0%	-2%
9	96	-1%	1%
10	90	-1%	6%
11	87	1%	10%
12	89	5%	5%
13	95	3%	0%
14	92	6%	-2%
15	95	1%	-2%
16	88	3%	-9%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

Specification subject to change. Rev-03-10-24

Q-CAP BOXA-SW-HE

Flexible Fixtures Color Data

BOXA-SW-DRY-35-1.5HE-ENC/CL

3573 K

CRI: 97.9

CRI R9: 98.7

TM30 Rf: 92.8

TM30 Rg: 99.3

CQS: 95.9

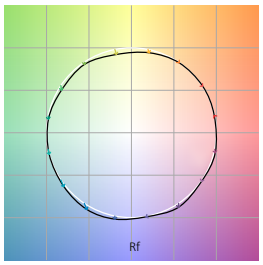
X: 0.402

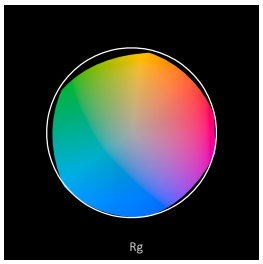
Y: 0.390

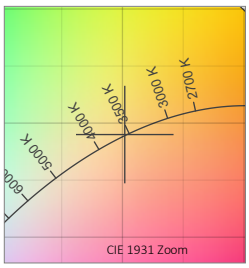
U: 0.234

V: 0.340

Δuv: 0.0004







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.2	99.7	96.7	98.5	97.7	97.3	97.7	97.5	98.7	98.3	98.5	77.1	98.5	97.3	96.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.4	97.9	92.7	91.9	94.2	96.7	98.7	99.5	98.3	98.6	99.5	98.7	98.6	98.2	96.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.0	97.1	96.5	93.1	91.5	95.9	92.3	94.5	91.2	87.7	88.8	92.9	95.7	93.2	91.3	91.1

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	0%	1%
2	97	0%	-1%
3	96	0%	-1%
4	93	-4%	-2%
5	91	-6%	-1%
6	96	-2%	1%
7	92	-4%	4%
8	94	-1%	3%
9	91	0%	6%
10	88	1%	9%
11	89	4%	7%
12	93	4%	1%
13	96	0%	-3%
14	93	4%	-3%
15	91	0%	-2%
16	91	1%	-4%

BOXA-SW-DRY-35-3.0HE-ENC/CL

3562 K

CRI: 97.9

CRI R9: 98.1

TM30 Rf: 92.6

TM30 Rg: 99.2

CQS: 95.8

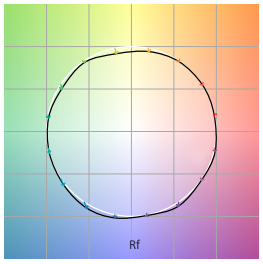
X: 0.403

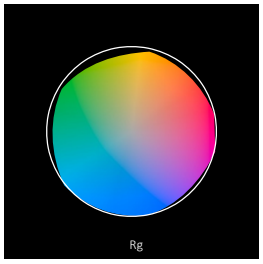
Y: 0.392

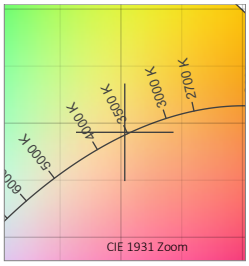
U: 0.234

V: 0.341

Δuv: 0.0011







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.8	99.6	96.5	98.4	97.6	97.2	97.8	97.5	98.1	97.3	98.9	76.4	99.0	97.2	97.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.3	97.9	92.6	91.8	94.1	96.4	98.8	99.5	98.2	97.9	98.9	98.5	98.6	98.5	96.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.9	97.2	96.5	92.9	91.2	96.5	92.1	94.3	91.0	87.4	88.5	92.7	95.5	92.8	91.1	90.8

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	-1%
3	97	0%	-1%
4	93	-4%	-2%
5	91	-7%	-1%
6	97	-2%	1%
7	92	-4%	4%
8	94	-1%	3%
9	91	0%	6%
10	87	1%	9%
11	89	4%	7%
12	93	4%	1%
13	96	0%	-3%
14	93	4%	-3%
15	91	0%	-2%
16	91	1%	-4%

BOXA-SW-DRY-35-6.0HE-ENC/CL

3547 K

CRI: 98.0

CRI R9: 97.3

TM30 Rf: 92.7

TM30 Rg: 99.2

CQS: 95.9

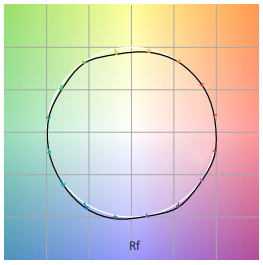
X: 0.404

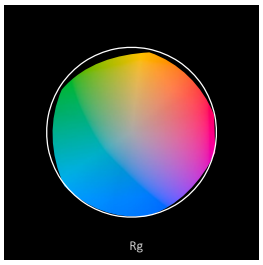
Y: 0.393

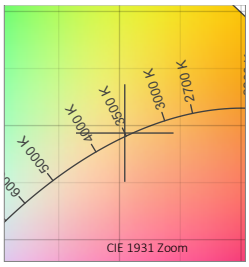
U: 0.234

V: 0.341

Δuv: 0.0014







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.9	99.3	96.1	98.6	97.7	97.2	98.0	97.7	97.3	96.5	98.7	76.6	99.1	97.0	97.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.6	98.0	92.6	91.9	94.5	96.7	98.8	99.6	98.1	97.6	98.6	98.2	98.4	98.7	96.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.0	97.3	96.5	93.1	91.4	96.6	91.8	94.3	91.3	87.7	88.5	92.6	95.6	92.8	91.1	90.7

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	-1%
3	97	-1%	-1%
4	93	-4%	-2%
5	91	-7%	-1%
6	97	-2%	1%
7	92	-4%	4%
8	94	-1%	4%
9	91	0%	6%
10	88	1%	9%
11	89	4%	7%
12	93	4%	1%
13	96	1%	-3%
14	93	4%	-3%
15	91	1%	-2%
16	91	1%	-4%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

Q-CAP BOXA-SW-HE

Flexible Fixtures Color Data

BOXA-SW-DRY-40-1.5HE-ENC/CL

4005 K

CRI: 97.2

CRI R9: 97.2

TM30 Rf: 91.5

TM30 Rg: 98.2

CQS: 94.8

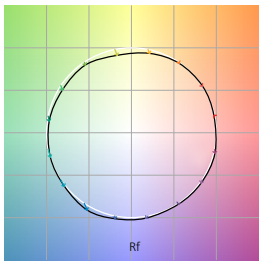
X: 0.382

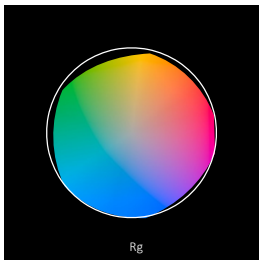
Y: 0.381

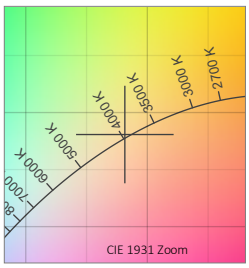
U: 0.224

V: 0.336

Δuv: 0.0015







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.7	99.4	97.1	96.6	96.4	96.6	96.6	96.5	97.2	96.9	98.4	72.5	98.9	97.7	95.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.9	97.0	91.8	89.8	92.1	94.1	98.6	99.1	98.1	97.4	99.0	98.7	98.7	98.4	95.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.0	96.8	96.2	91.8	89.9	94.6	91.7	90.7	87.5	86.6	87.5	93.0	93.2	94.5	89.3	89.7

TM30

Hue Bin	R_f	Chroma	Hue
1	94	-1%	1%
2	97	0%	-1%
3	96	-1%	-1%
4	92	-4%	-3%
5	90	-7%	-1%
6	95	-4%	1%
7	92	-4%	4%
8	91	-2%	5%
9	87	-1%	9%
10	87	1%	9%
11	87	5%	7%
12	93	3%	1%
13	93	2%	-3%
14	95	1%	-1%
15	89	1%	-4%
16	90	1%	-5%

BOXA-SW-DRY-40-3.0HE-ENC/CL

3985 K

CRI: 97.0

CRI R9: 96.2

TM30 Rf: 90.9

TM30 Rg: 97.7

CQS: 94.5

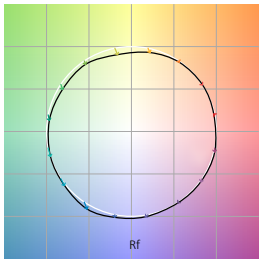
X: 0.383

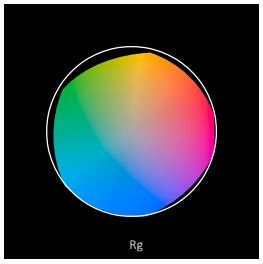
Y: 0.382

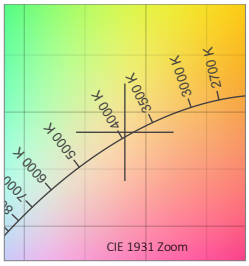
U: 0.224

V: 0.336

Δuv: 0.0019







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.6	99.4	97.7	95.8	96.1	96.7	96.0	95.9	96.2	97.2	98.0	72.0	98.8	98.0	95.6
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.0	96.3	92.3	89.8	91.5	93.2	98.2	99.1	97.5	96.6	98.7	98.4	98.7	98.4	95.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
93.5	96.6	95.9	91.1	89.0	93.8	90.7	89.7	86.5	85.9	87.4	92.9	92.6	94.2	88.9	89.2

TM30

Hue Bin	R_f	Chroma	Hue
1	93	-1%	1%
2	97	0%	-1%
3	96	-1%	-2%
4	91	-5%	-3%
5	89	-8%	-2%
6	94	-4%	1%
7	91	-5%	4%
8	90	-3%	6%
9	87	-1%	10%
10	86	1%	9%
11	87	5%	7%
12	93	3%	0%
13	93	2%	-4%
14	94	0%	-1%
15	89	1%	-4%
16	89	1%	-5%

BOXA-SW-DRY-40-6.0HE-ENC/CL

3984 K

CRI: 97.1

CRI R9: 96.5

TM30 Rf: 90.9

TM30 Rg: 97.8

CQS: 94.5

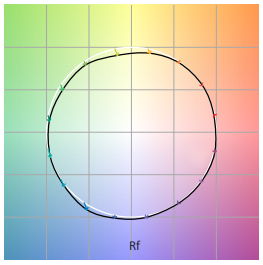
X: 0.382

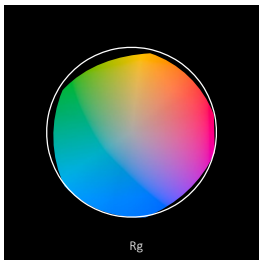
Y: 0.381

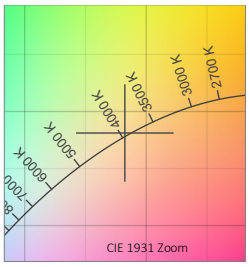
U: 0.225

V: 0.336

Δuv: 0.0015







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.6	99.5	97.8	95.9	96.2	96.7	95.9	95.9	96.5	97.7	98.2	72.2	98.8	98.0	95.6
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.0	96.4	92.2	89.7	91.4	93.2	98.4	99.0	97.7	97.1	99.0	98.7	98.9	98.2	95.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
93.4	96.5	95.9	91.1	89.1	93.9	90.7	89.7	86.4	85.8	87.4	92.9	92.5	94.2	88.8	89.2

TM30

Hue Bin	R_f	Chroma	Hue
1	93	-1%	1%
2	97	0%	-1%
3	96	-1%	-1%
4	91	-5%	-3%
5	89	-8%	-2%
6	94	-4%	1%
7	91	-5%	4%
8	90	-3%	6%
9	86	-1%	10%
10	86	1%	9%
11	87	5%	7%
12	93	3%	0%
13	93	2%	-4%
14	94	0%	-1%
15	89	1%	-4%
16	89	1%	-4%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

Specification subject to change. Rev-03-10-24

Q-CAP BOXA-SW-HE

Flexible Fixtures Color Data

BOXA-SW-DRY-24-1.5HE-ENC/TL

2313 K

CRI: 92.3

CRI R9: 64.1

TM30 Rf: 90.8

TM30 Rg: 101.7

CQS: 86.1

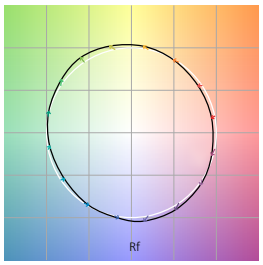
X: 0.497

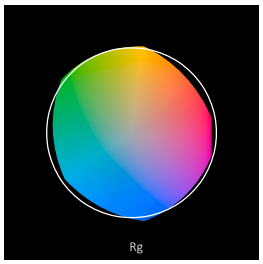
Y: 0.419

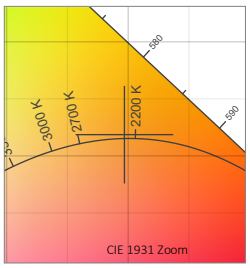
U: 0.283

V: 0.357

Δuv: 0.0011







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.1	94.6	93.1	93.9	91.7	93.6	93.7	84.2	64.1	85.2	94.6	81.0	93.4	94.6	89.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
83.3	91.7	85.3	86.0	85.5	82.6	83.1	87.7	92.4	89.1	88.4	89.2	89.6	83.7	83.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
91.3	91.9	86.8	90.6	91.9	90.8	89.3	92.1	92.6	92.4	90.8	89.4	91.2	87.5	91.6	89.4

TM30			
Hue Bin	R_f	Chroma	Hue
1	91	-4%	-1%
2	92	-4%	2%
3	87	-1%	6%
4	91	3%	6%
5	92	5%	5%
6	91	7%	1%
7	89	3%	-6%
8	92	0%	-5%
9	93	-3%	-3%
10	92	-4%	1%
11	91	-1%	5%
12	89	2%	5%
13	91	5%	-6%
14	88	4%	-7%
15	92	2%	-6%
16	89	-2%	-7%

BOXA-SW-DRY-24-3.0HE-ENC/TL

2315 K

CRI: 92.6

CRI R9: 65.5

TM30 Rf: 91.3

TM30 Rg: 101.7

CQS: 86.6

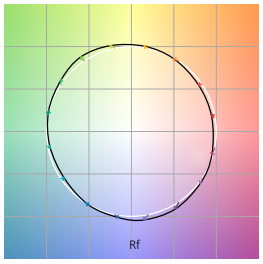
X: 0.497

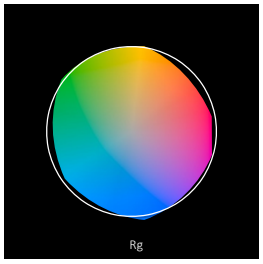
Y: 0.418

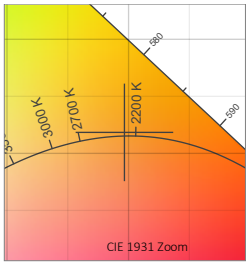
U: 0.283

V: 0.357

Δuv: 0.0010







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.5	94.9	93.4	94.3	92.2	94.0	94.0	84.8	65.5	85.9	95.0	80.6	93.8	94.8	89.6
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
84.4	91.7	85.1	86.1	86.4	83.6	83.5	87.9	92.5	89.3	88.7	89.5	89.8	84.3	84.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
91.8	92.5	87.4	91.6	93.0	91.6	90.9	93.4	94.2	92.3	90.4	89.2	91.2	87.0	92.2	88.3

TM30			
Hue Bin	R_f	Chroma	Hue
1	92	-4%	-1%
2	92	-4%	2%
3	87	-1%	6%
4	92	1%	5%
5	93	4%	5%
6	92	6%	1%
7	91	3%	-5%
8	93	0%	-5%
9	94	-2%	-2%
10	92	-4%	2%
11	90	0%	6%
12	89	2%	5%
13	91	5%	-6%
14	87	5%	-8%
15	92	1%	-5%
16	88	-2%	-8%

BOXA-SW-DRY-24-6.0HE-ENC/TL

2313 K

CRI: 92.7

CRI R9: 65.2

TM30 Rf: 91.5

TM30 Rg: 101.4

CQS: 86.8

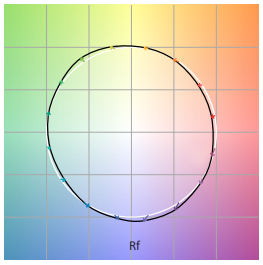
X: 0.497

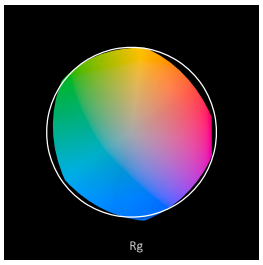
Y: 0.418

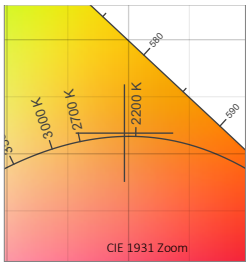
U: 0.283

V: 0.357

Δuv: 0.0009







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.5	95.1	93.8	94.1	92.1	94.2	93.9	84.6	65.2	86.3	94.7	80.7	93.8	95.0	89.6
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
84.9	91.6	85.0	85.8	86.9	84.5	83.8	87.7	92.5	89.4	88.9	89.6	89.8	84.4	84.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
91.9	92.5	87.7	92.3	93.6	92.3	92.0	94.3	95.0	91.7	89.8	89.2	91.2	86.8	92.7	87.9

TM30			
Hue Bin	R_f	Chroma	Hue
1	92	-4%	-1%
2	93	-4%	2%
3	88	-1%	6%
4	92	1%	4%
5	94	3%	5%
6	92	5%	1%
7	92	2%	-4%
8	94	0%	-4%
9	95	-2%	-1%
10	92	-3%	3%
11	90	0%	7%
12	89	3%	5%
13	91	5%	-6%
14	87	5%	-8%
15	93	1%	-5%
16	88	-2%	-9%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

Specification subject to change. Rev-03-10-24

Q-CAP BOXA-SW-HE

Flexible Fixtures Color Data

BOXA-SW-DRY-27-1.5HE-ENC/TL

2633 K

CRI: 95.8

CRI R9: 96.3

TM30 Rf: 94.6

TM30 Rg: 101.5

CQS: 94.9

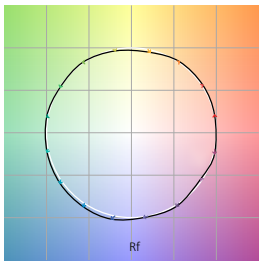
X: 0.460

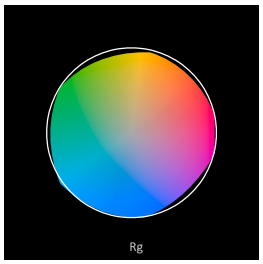
Y: 0.402

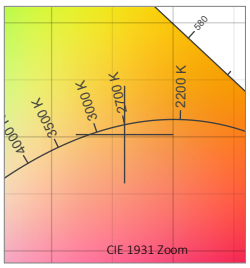
U: 0.267

V: 0.349

Δuv: -0.0032







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94.6	95.6	99.0	95.8	94.1	91.7	97.1	98.3	96.3	92.3	92.2	84.5	94.1	98.5	96.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.4	94.8	95.1	95.3	96.0	97.2	94.7	95.4	96.5	97.0	96.9	97.0	96.8	92.9	93.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.9	97.0	95.7	93.0	96.3	96.1	95.5	96.9	93.9	93.8	93.5	92.4	93.1	93.9	93.9	92.9

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	0%	1%
2	97	1%	0%
3	96	1%	-1%
4	93	-3%	-3%
5	96	-2%	0%
6	96	1%	2%
7	95	0%	2%
8	97	2%	1%
9	94	2%	3%
10	94	3%	3%
11	93	4%	2%
12	92	4%	-3%
13	93	1%	-5%
14	94	2%	-4%
15	94	-2%	1%
16	93	1%	-5%

BOXA-SW-DRY-27-3.0HE-ENC/TL

2604 K

CRI: 95.8

CRI R9: 98.1

TM30 Rf: 93.9

TM30 Rg: 100.9

CQS: 94.5

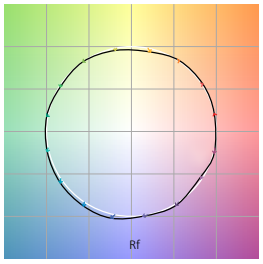
X: 0.463

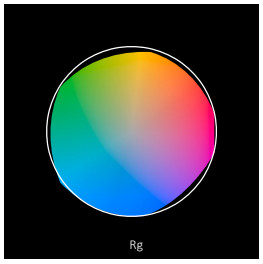
Y: 0.404

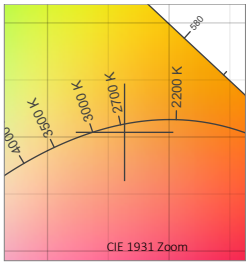
U: 0.268

V: 0.350

Δuv: -0.0027







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95.0	95.8	99.1	96.1	94.5	91.6	96.5	98.1	98.1	92.7	92.4	84.1	94.5	98.6	96.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.1	94.3	95.1	95.0	95.3	96.3	95.3	95.6	96.3	96.5	96.4	96.6	96.8	92.7	92.7
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.3	96.8	95.5	91.6	95.8	96.2	94.7	96.4	92.8	92.7	92.8	91.6	92.3	93.0	92.9	92.0

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	0%	2%
2	97	1%	0%
3	96	1%	-1%
4	92	-4%	-4%
5	96	-3%	0%
6	96	0%	2%
7	95	-1%	3%
8	96	1%	2%
9	93	2%	4%
10	93	3%	4%
11	93	4%	2%
12	92	5%	-4%
13	92	1%	-6%
14	93	2%	-5%
15	93	-2%	1%
16	92	1%	-6%

BOXA-SW-DRY-27-6.0HE-ENC/TL

2612 K

CRI: 95.7

CRI R9: 97.6

TM30 Rf: 93.7

TM30 Rg: 101.0

CQS: 94.5

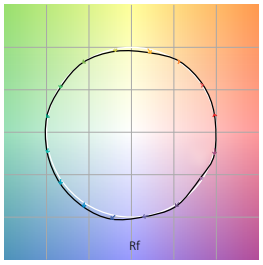
X: 0.462

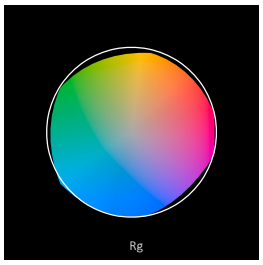
Y: 0.403

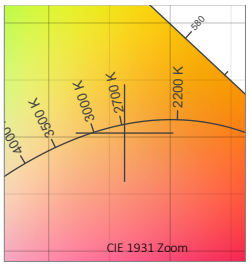
U: 0.267

V: 0.350

Δuv: -0.0028







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94.7	95.6	99.0	95.9	94.1	91.4	96.6	98.2	97.6	92.3	92.1	83.6	94.1	98.6	96.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.0	94.4	95.0	95.0	95.3	96.4	95.2	95.7	96.3	96.5	96.4	96.5	96.9	92.6	92.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.2	96.6	95.3	91.2	95.7	96.1	94.5	96.2	92.4	92.4	92.4	91.5	92.4	92.9	92.7	91.6

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	0%	2%
2	97	1%	0%
3	95	1%	-1%
4	91	-4%	-4%
5	96	-3%	0%
6	96	0%	2%
7	94	-1%	3%
8	96	1%	2%
9	92	2%	4%
10	92	3%	4%
11	92	5%	2%
12	91	5%	-3%
13	92	1%	-6%
14	93	2%	-5%
15	93	-2%	1%
16	92	1%	-6%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

Specification subject to change. Rev-03-10-24

Q-CAP BOXA-SW-HE

Flexible Fixtures Color Data

BOXA-SW-DRY-30-1.5HE-ENC/TL

3000 K

CRI: 96.3

CRI R9: 91.6

TM30 Rf: 93.9

TM30 Rg: 101.5

CQS: 93.3

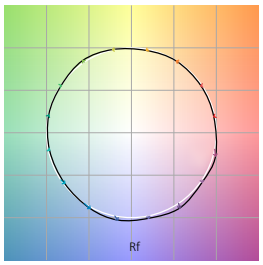
X: 0.438

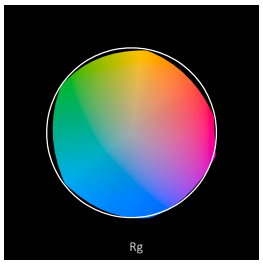
Y: 0.405

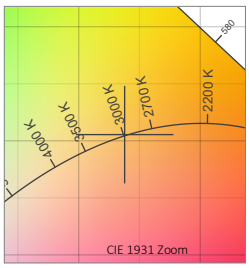
U: 0.251

V: 0.348

Δuv: 0.0004







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.7	96.4	92.7	97.3	96.1	94.2	98.3	97.6	91.6	89.6	96.5	78.0	97.3	94.9	97.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
96.1	97.7	87.8	89.0	93.0	93.1	91.2	95.0	95.3	93.9	94.8	96.1	97.0	96.2	96.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.5	97.0	93.6	94.0	94.3	95.6	94.7	97.7	95.9	90.3	88.1	90.5	95.9	93.1	93.9	90.5

TM30			
Hue Bin	R_f	Chroma	Hue
1	97	-1%	0%
2	97	-1%	1%
3	94	0%	3%
4	94	-2%	2%
5	94	0%	3%
6	96	3%	1%
7	95	0%	0%
8	98	0%	-1%
9	96	-1%	2%
10	90	-1%	6%
11	88	1%	9%
12	90	4%	4%
13	96	3%	0%
14	93	5%	-2%
15	94	2%	-2%
16	91	3%	-7%

BOXA-SW-DRY-30-3.0HE-ENC/TL

2979 K

CRI: 96.5

CRI R9: 91.4

TM30 Rf: 93.4

TM30 Rg: 101.0

CQS: 93.4

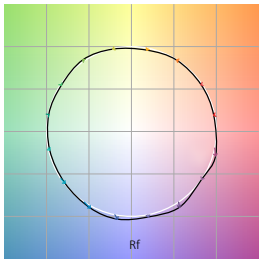
X: 0.440

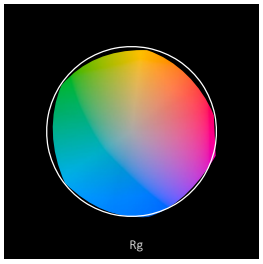
Y: 0.406

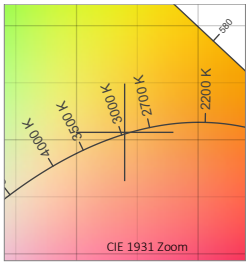
U: 0.251

V: 0.348

Δuv: 0.0006







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.8	96.7	93.0	97.7	96.2	94.4	98.7	97.4	91.4	90.1	96.8	76.8	97.5	95.1	97.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.3	97.6	87.8	88.6	92.9	93.7	91.7	95.2	95.4	94.3	95.1	96.3	97.1	96.2	96.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.1	97.0	94.0	93.5	94.1	96.1	93.8	98.1	94.9	89.1	87.2	90.2	96.0	92.6	95.2	89.0

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	0%
2	97	-1%	0%
3	94	-1%	2%
4	94	-2%	1%
5	94	-1%	3%
6	96	2%	1%
7	94	-1%	1%
8	98	-1%	-1%
9	95	-1%	3%
10	89	-1%	7%
11	87	2%	10%
12	90	4%	4%
13	96	3%	0%
14	93	6%	-3%
15	95	0%	-1%
16	89	3%	-9%

BOXA-SW-DRY-30-6.0HE-ENC/TL

2983 K

CRI: 96.6

CRI R9: 91.8

TM30 Rf: 93.4

TM30 Rg: 101.0

CQS: 93.3

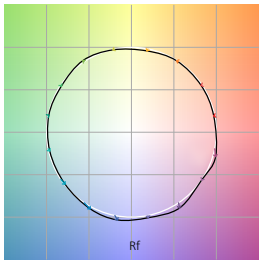
X: 0.439

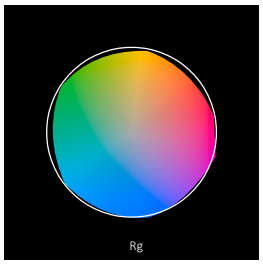
Y: 0.406

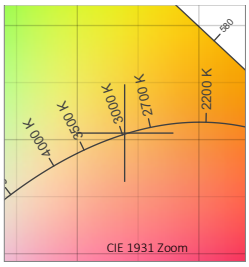
U: 0.251

V: 0.348

Δuv: 0.0004







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.9	96.8	93.1	97.6	96.3	94.5	98.8	97.6	91.8	90.4	96.7	76.9	97.6	95.1	97.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.3	97.6	87.6	88.4	92.8	93.7	91.7	95.1	95.4	94.2	95.0	96.3	97.2	96.3	96.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.1	97.0	94.0	93.4	94.0	96.1	93.6	98.0	94.7	88.8	87.1	90.1	96.0	92.5	95.1	88.9

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	0%
2	97	-1%	0%
3	94	0%	2%
4	93	-3%	1%
5	94	-1%	3%
6	96	2%	1%
7	94	-1%	1%
8	98	-1%	-1%
9	95	-1%	3%
10	89	-1%	7%
11	87	2%	10%
12	90	5%	4%
13	96	3%	0%
14	93	6%	-3%
15	95	0%	-1%
16	89	3%	-9%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

Specification subject to change. Rev-03-10-24

Q-CAP BOXA-SW-HE

Flexible Fixtures Color Data

BOXA-SW-DRY-35-1.5HE-ENC/TL

3551 K

CRI: 97.7

CRI R9: 96.7

TM30 Rf: 92.7

TM30 Rg: 99.2

CQS: 95.8

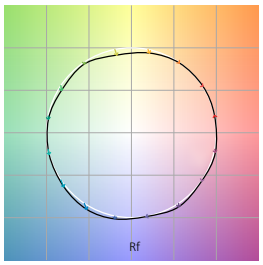
X: 0.404

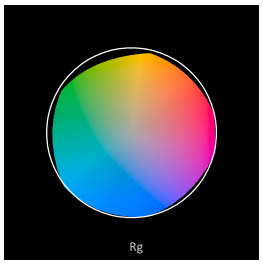
Y: 0.392

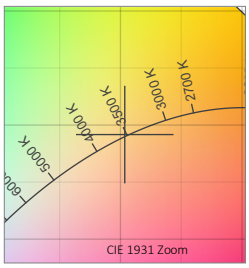
U: 0.234

V: 0.341

Δuv: 0.0008







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.0	99.6	96.5	98.2	97.6	97.6	97.5	96.9	96.7	98.4	98.3	77.3	98.2	97.1	96.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.0	97.6	93.2	92.3	94.1	96.2	99.2	99.8	97.9	97.8	98.8	98.0	98.0	98.3	95.8
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.9	96.9	96.2	92.7	91.0	96.2	91.8	94.1	90.9	87.4	89.1	93.3	95.8	93.6	91.5	91.3

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	0%	1%
2	97	0%	-1%
3	96	0%	-1%
4	93	-4%	-3%
5	91	-7%	-1%
6	96	-2%	1%
7	92	-4%	4%
8	94	-1%	4%
9	91	0%	6%
10	87	2%	9%
11	89	4%	6%
12	93	3%	1%
13	96	0%	-3%
14	94	3%	-3%
15	92	0%	-1%
16	91	2%	-3%

BOXA-SW-DRY-35-3.0HE-ENC/TL

3501 K

CRI: 97.7

CRI R9: 98.4

TM30 Rf: 92.2

TM30 Rg: 98.4

CQS: 95.5

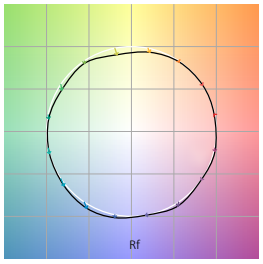
X: 0.408

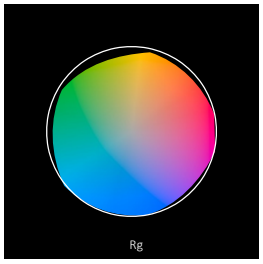
Y: 0.396

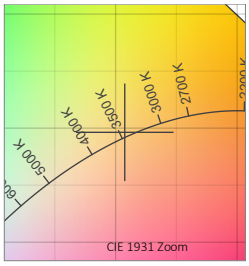
U: 0.235

V: 0.343

Δuv: 0.0020







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.9	99.4	96.7	97.7	97.4	97.6	97.2	97.2	98.4	97.1	99.4	76.4	98.9	97.3	96.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.4	97.0	93.6	92.3	93.8	95.4	99.6	99.8	96.9	95.9	97.7	97.5	98.0	98.7	95.8
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.6	96.9	96.1	91.8	90.5	95.5	90.1	93.2	90.2	86.9	88.9	93.0	95.3	92.9	90.9	90.7

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	-1%
3	96	-1%	-1%
4	92	-4%	-3%
5	90	-8%	-1%
6	95	-3%	1%
7	90	-5%	5%
8	93	-2%	4%
9	90	0%	7%
10	87	2%	9%
11	89	4%	6%
12	93	3%	0%
13	95	0%	-3%
14	93	3%	-4%
15	91	0%	-2%
16	91	1%	-4%

BOXA-SW-DRY-35-6.0HE-ENC/TL

3492 K

CRI: 97.9

CRI R9: 98.0

TM30 Rf: 92.6

TM30 Rg: 98.8

CQS: 95.9

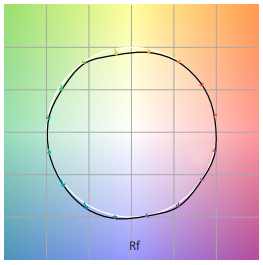
X: 0.408

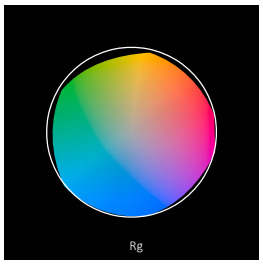
Y: 0.396

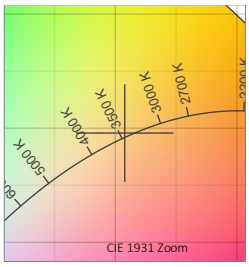
U: 0.235

V: 0.342

Δuv: 0.0017







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.9	99.4	96.3	98.2	97.6	97.5	97.7	97.5	98.0	96.7	99.1	77.1	99.1	97.1	97.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.2	97.7	93.3	92.3	94.3	96.2	99.4	99.8	97.6	96.9	98.2	97.9	98.2	98.8	96.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.9	97.2	96.4	92.5	91.2	96.1	91.2	93.9	91.0	87.5	89.0	93.1	95.6	93.1	91.3	91.0

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	-1%
3	96	-1%	-1%
4	92	-4%	-3%
5	91	-7%	-1%
6	96	-2%	1%
7	91	-4%	4%
8	94	-1%	4%
9	91	0%	6%
10	88	1%	9%
11	89	4%	6%
12	93	3%	1%
13	96	0%	-3%
14	93	4%	-3%
15	91	0%	-2%
16	91	1%	-4%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

Specification subject to change. Rev-03-10-24

Q-CAP BOXA-SW-HE

Flexible Fixtures Color Data

BOXA-SW-DRY-40-1.5HE-ENC/TL

4090 K

CRI: 97.3

CRI R9: 98.4

TM30 Rf: 91.9

TM30 Rg: 99.0

CQS: 94.8

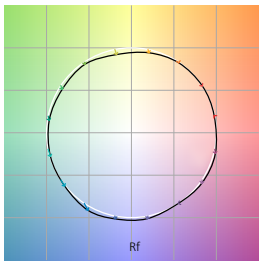
X: 0.377

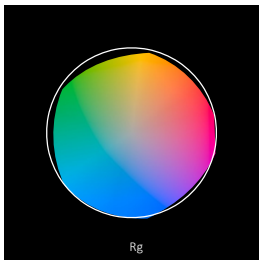
Y: 0.377

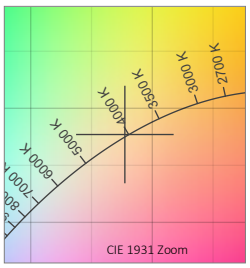
U: 0.223

V: 0.334

Δuv: 0.0010







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.7	99.2	96.1	97.3	96.5	96.0	97.5	97.1	98.4	96.0	98.2	71.3	99.1	97.2	95.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.8	98.1	90.4	88.9	92.1	94.6	98.0	98.8	98.0	98.2	98.9	99.2	98.9	98.6	96.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.4	97.0	96.2	92.3	90.7	95.6	92.9	91.8	88.4	86.7	86.7	93.8	94.0	94.7	89.9	90.0

TM30			
Hue Bin	R_f	Chroma	Hue
1	94	0%	1%
2	97	0%	-1%
3	96	-1%	-1%
4	92	-4%	-2%
5	91	-6%	-1%
6	96	-3%	1%
7	93	-4%	3%
8	92	-2%	5%
9	88	-1%	9%
10	87	0%	9%
11	87	4%	8%
12	94	3%	1%
13	94	3%	-2%
14	95	0%	0%
15	90	2%	-3%
16	90	2%	-5%

BOXA-SW-DRY-40-3.0HE-ENC/TL

4054 K

CRI: 97.0

CRI R9: 96.9

TM30 Rf: 91.6

TM30 Rg: 98.5

CQS: 94.6

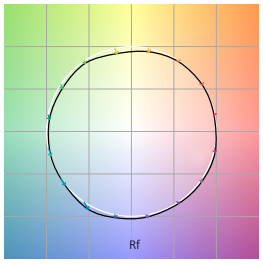
X: 0.380

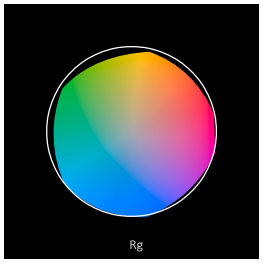
Y: 0.380

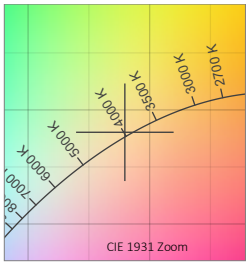
U: 0.223

V: 0.335

Δuv: 0.0019







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.5	98.6	96.0	96.6	96.0	95.6	97.4	97.0	96.9	94.8	97.5	70.8	98.6	97.2	95.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.5	97.8	90.5	88.8	91.9	94.0	97.9	98.7	98.1	97.6	98.6	98.7	98.8	98.8	96.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.1	96.9	96.1	92.0	90.3	95.2	92.3	91.3	87.9	86.2	86.5	92.9	93.7	94.4	89.3	89.5

TM30			
Hue Bin	R_f	Chroma	Hue
1	94	-1%	1%
2	97	0%	-1%
3	96	-1%	-1%
4	92	-4%	-2%
5	90	-7%	-1%
6	95	-3%	1%
7	92	-4%	3%
8	91	-3%	5%
9	88	-1%	9%
10	86	0%	9%
11	87	4%	8%
12	93	3%	2%
13	94	2%	-2%
14	94	1%	-1%
15	89	2%	-4%
16	90	1%	-5%

BOXA-SW-DRY-40-6.0HE-ENC/TL

4030 K

CRI: 96.9

CRI R9: 95.1

TM30 Rf: 91.7

TM30 Rg: 98.5

CQS: 94.8

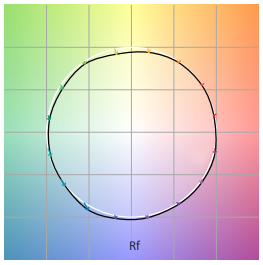
X: 0.381

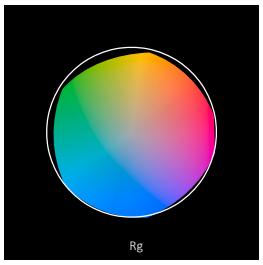
Y: 0.381

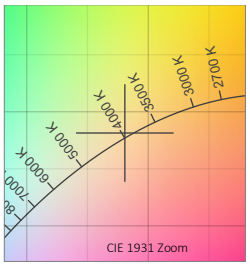
U: 0.223

V: 0.336

Δuv: 0.0021







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.3	98.3	95.9	96.7	95.9	95.5	97.7	96.9	95.1	94.2	97.4	71.4	98.4	97.1	95.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.9	98.0	90.6	89.0	92.1	94.2	97.8	98.6	98.2	97.6	98.4	98.6	98.9	98.8	96.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.2	97.0	96.1	92.3	90.6	95.4	92.7	91.6	88.3	86.5	86.7	92.8	93.7	94.5	89.4	89.6

TM30			
Hue Bin	R_f	Chroma	Hue
1	94	-1%	1%
2	97	0%	-1%
3	96	-1%	0%
4	92	-4%	-2%
5	91	-6%	-1%
6	95	-3%	1%
7	93	-4%	3%
8	92	-3%	5%
9	88	-1%	9%
10	87	0%	9%
11	87	4%	8%
12	93	3%	2%
13	94	2%	-2%
14	94	1%	-1%
15	89	2%	-4%
16	90	1%	-5%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

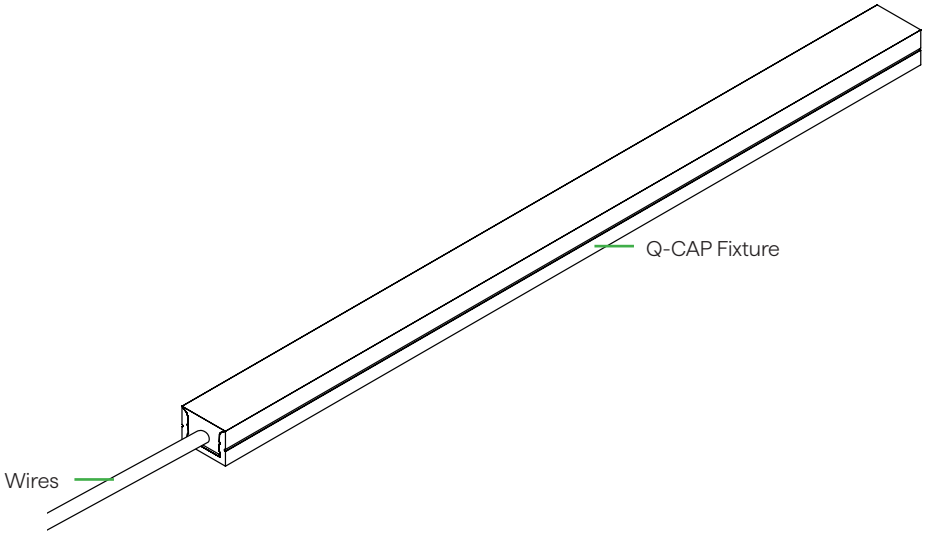
Specification subject to change. Rev-03-10-24

MATERIAL RECYCLING

Q-CAP FLEXIBLE FIXTURES

You may be done with your products, but chances are they still have more to give. Follow these instructions to break down and sort recyclable components. Check with local recycling collection to ensure they accept the materials listed below.

Additionally, Q-Tran offers a Takeback Program. Contact factory for information.



E

Q-CAP Fixture
Wires

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting