Manuals+ — User Manuals Simplified.

Q-TRAN VV1SW Linear Fixtures Corner And Surface Owner's Manual

Q-TRAN VV1SW Linear Fixtures Corner And Surface

Product Information

Specifications

- **Product:** VEVETM-FLAT (01) STATIC WHITE
- **Linear Fixtures:** Corner & Surface

Product Usage Instructions

Installation
The VEVETM-FLAT (01) STATIC WHITE linear fixture is perfect for applications when the light needs to be flush in a corner. It is suitable for installation in the storage area of a clothes closet when specified with LEDs at 4.0 watts or less per foot per NEC regulations.

Lens Options
The VEVETM-FLAT (01) STATIC WHITE linear fixture offers four lens options:

- Diffused (DF)
- Polar (PR)
- Frosted (FR)
- Clear (CL)

For the representation of LED visibility, see the Diode Visibility section on the following pages. For beam angles, see the Photometric Performance section on the following pages.

Product Variants
The VEVETM-FLAT (01) STATIC WHITE linear fixture is available in the following variants:

- Product: VV1SW
- Watts/Ft: 1.5W/ft, 3.0W/ft, 4.0W/ft, 5.0W/ft, 1.5W/ft HE, 3.0W/ft HE, 6.0W/ft HE
- CCT (Correlated Color Temperature): 2000K, 2200K, 2400K, 2700K, 3000K, 3500K, 4000K
- Rated: DRY IP20
- Efficiency: STD Standard

- Wire Input/Connector/Connector/Output:
    - Wire In: Bare Wire (Standard 24), Barrel Connector 6, Connector 24
    - Wire Out: Closed-End (No feed), Bare Wire (Standard 24), Barrel Connector 6, Connector 24
- Wire Color: White (WH), Black (BK)
- Wire Type: CL2 Class 2, CL2P Plenum Rated
- Mounting: Stainless Steel Magnet, Low Profile Magnet
- Finish: Satin (ST), Black (BK), Bronze (BZ)
- Length (In): Fixture length minimum 12, maximum 98.43 not including end caps. Consult the factory for lengths under 12.
- Exact/Optimal: O Optimal Illumination, E Exact Specified Length

Sample Part Number:
VV1SW-3.0HE-30-DRY-STD-DF-P1-BW-BW-BK-CL2-SST-BK-48-E

FAQ

Q: What are the available lens options for the VEVETM-FLAT (01) STATIC WHITE linear fixture?
A: The available lens options are Diffuse (DF), Polar (PR), Frosted (FR), and Clear (CL).

Q: What is the maximum length of the fixture?
A: The maximum length of the fixture is 98.43 inches, not including end caps. For lengths under 12 inches, please consult the factory.

Q: Can I request a custom wire length?
A: Yes, you can request a custom wire length by writing in the desired length next to "BW" (example: BW48).

Q: What is the warranty for the VEVETM-FLAT (01) STATIC WHITE linear fixture?
A: The fixture comes with a 5-year warranty, which is only valid with Q-Tran power supplies. Field modifications will void the warranty.

Q: Are there any specifications subject to change?
A: Yes, the specifications are subject to change. Please refer to the latest revision for the most up-to-date information.

Linear Fixtures – Corner & Surface
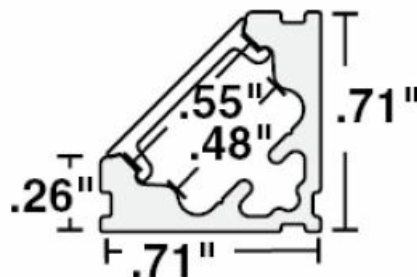
- Offers four lens options with a sleek flat profile
- Perfect for applications when the light needs to be flush in a corner
- Suitable for installation in the storage area of a clothes closet when specified with LEDs at 4.0 watts or less per foot per NEC regulations

① PRODUCT	② WATTS/FT	③ CCT	④ RATED	⑤ EFFICIENCY	⑥ LENS	⑦ WIRE INPUT/ OUTPUT	⑧ CONNECTOR/ WIRE IN	⑨ CONNECTOR/ WIRE OUT	⑩ WIRE COLOR	⑪ WIRE TYPE	⑫ MOUNTING	⑬ FINISH	⑭ LENGTH (IN)	⑮ EXACT/ OPTIMAL
VV1SW				STD										

Sample Part Number: VV1SW-3.0HE-30-DRY-STD-DF-P1-BW-BW-BK-CL2-SST-BK-48″-E

① PRODUCT

VV1SW

See last page for compatible power supplies.

② WATTS/FT

1.5	1.5W/ft
3.0	3.0W/ft
4.0	4.0W/ft
5.0	5.0W/ft
1.5HE	1.5W/ft HE
3.0HE	3.0W/ft HE
6.0HE	6.0W/ft HE

3.0HE+	3.0W/ft HE+
6.0HE+	6.0W/ft HE+

1.5	1.5W/ft
3.0	3.0W/ft
4.0	4.0W/ft
5.0	5.0W/ft
1.5HE	1.5W/ft HE
3.0HE	3.0W/ft HE
6.0HE	6.0W/ft HE

1.5	1.5W/ft
3.0	3.0W/ft
4.0	4.0W/ft
5.0	5.0W/ft

③ CCT

20	2000K
22	2200K
24	2400K
27	2700K
30	3000K
35	3500K
40	4000K

27	2700K
30	3000K
35	3500K
40	4000K

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

20	2000K
22	2200K
24	2400K
27	2700K
30	3000K
35	3500K
40	4000K

④ RATED

DRY IP20

DMP IP54

WET IP67

⑤ EFFICIENCY

STD Standard

⑥ LENS

DF	Diffused
PR	Polar
FR	Frosted
CL	Clear

For representation of LED visibility, see Diode Visibility section on following pages.
For beam angles, see Photometric Performance section on following pages

⑦ WIRE INPUT/OUTPUT

S1 Single 1 (Input only) - End Feed

P1 Pass Through 1 (Input/output) - End Feed

⑧ CONNECTOR/WIRE IN

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

Connector/Wire In not needed to specify product. Typical selection is BW.
BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

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

Connector/Wire In not needed to specify product. Typical selection is BW.
BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

⑨ CONNECTOR/WIRE OUT

CLS Closed End (No feed)

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

Connector/Wire Out not needed to specify product. Typical selection is CLS or BW.
BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

⑩ WIRE COLOR

WH	White
BK	Black
N/A	For Barrel

wet barrel only available in black

⑪ WIRE TYPE

CL2	Class 2
CL2P	Plenum Rated
N/A	For Barrel

CL2P only available with bare wire leads (BW)

⑫ MOUNTING

SST	Stainless Steel
MG	Magnet
M4	Low Profile Magnet

⑬ FINISH

ST	Satin
BK	Black
BZ	Bronze

⑭ LENGTH (IN)

Fixture length min 12", max 98.43" not including end caps. Consult factory for lengths under 12".

⑮ EXACT/OPTIMAL

O	Optimal Illumination
E	Exact Specified Length

Exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is +0 – 1/8". See charts on following pages.

5-year warranty

Warranty only valid with Q-Tran power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance

PRODUCT DIMENSIONS

Profile | Profile with flat lens and stainless steel mounting clip | Profile with flat lens and magnet mounting clip | Profile with flat lens and low profile magnet
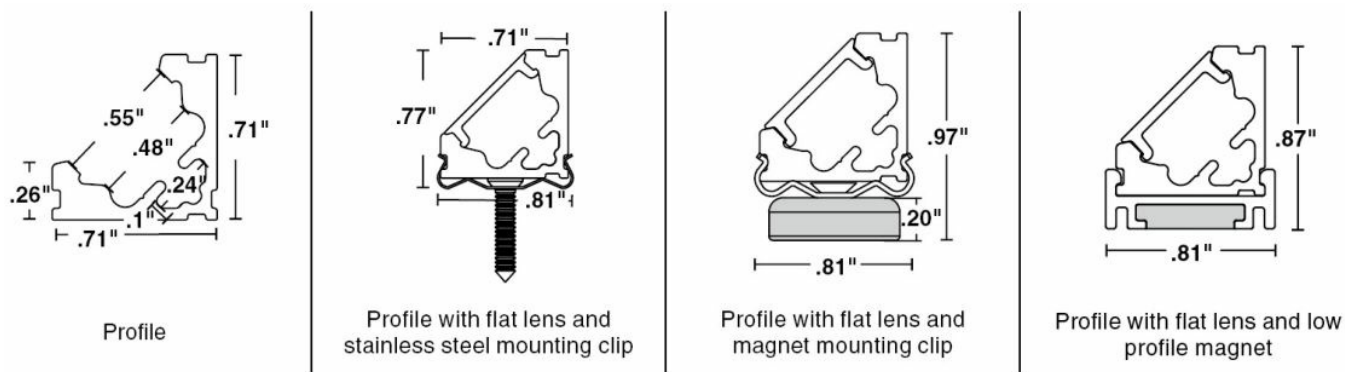
DELIVERED LUMENS

[Calculated L70 = 70000 hrs, L70 = 66000 hrs for HE, L70 = 55000 hrs for HE+] Tested with VV1SW-**-30-DRY-STD

| | 1.5 W/FT | 1.5HE W/FT | 3.0 W/FT | 3.0HE W/FT | 3.0HE+ W/FT | 4.0 W/FT | 5.0 W/FT | 6.0HE W/FT | 6.0HE+ W/FT |
	LM/FT	LM/FT	LM/FT	LM/FT	LM/FT	LM/FT	LM/FT	LM/FT	LM/FT
CL	143	184	249	338	487	310	377	640	901
FR	141	182	246	334	481	306	372	632	890
PR	131	169	228	309	446	283	345	586	825
DF	110	142	192	260	376	239	291	493	694

DIODE VISIBILITY

- **DF** – Diffused lens
- **PR** – Polar lens
- **FR** – Frosted lens
- **CL** – Clear lens
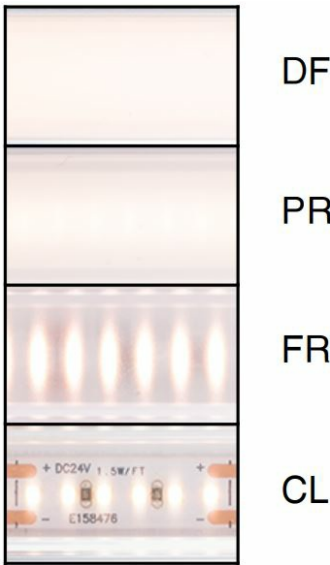
PHOTOMETRIC PERFORMANCE

Nominal beam spread shown, beam spread varies based on the light engine. For more detailed information, see photometric data.

CL

100°
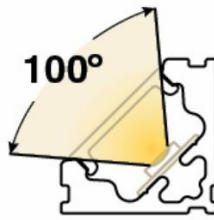
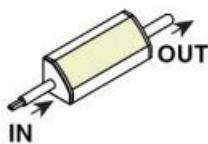Clear 100°

WIRE INPUT/OUTPUT

SINGLE
(Input only)
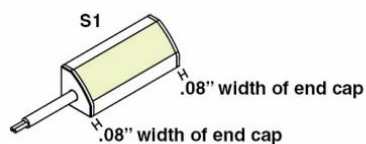
S1

IN

End Feed

PASS THROUGH
(Input/Output)

P1

OUT

IN

End Feed

CONFIGURATION OPTIONS

S1

.08" width of end cap

.08" width of end cap

Single End Feed

S1

P1
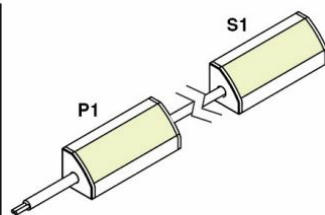
Non-Continuous End Feed

S1

S1

.16" width of end caps
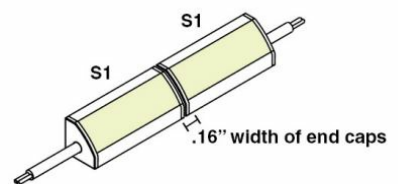
Continuous End to End Feed

CONNECTOR/WIRE – IN/OUT

Connector/Wire In or Out not needed to specify the product. The standard configuration is BW for Wire In and CLS for Wire out

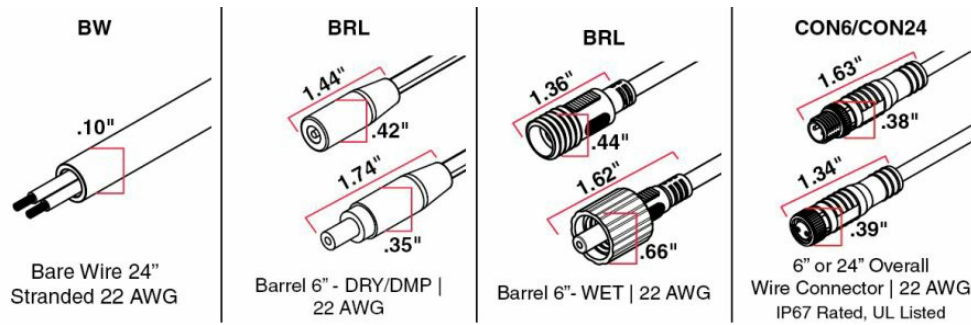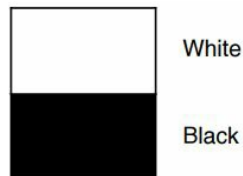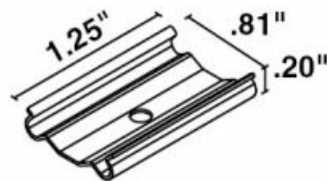| BW	BRL	BRL	CON6/CON24
.10"	1.44" .42" / 1.74" .35"	1.36" .44" / 1.62" .66"	1.63" .38" / 1.34" .39"
Bare Wire 24" Stranded 22 AWG	Barrel 6" - DRY/DMP | 22 AWG	Barrel 6"- WET | 22 AWG	6" or 24" Overall Wire Connector | 22 AWG IP67 Rated, UL Listed

WIRE COLOR

White
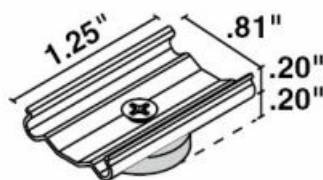
Black

MOUNTING

-

SST

1.25" .81" .20"

Stainless Steel Clip

2 clips provided for 4′ or less; 4 clips provided for greater than 4′

- To order separately use SST-01
- Each clip comes with a #4 x 5/8″ Flat Head SS

MG

1.25" .81" .20" .20"

Magnet Clip

- One MG provided per foot
- To order separately use MG-01

MMA-01

Magnet Mount
Accessory of MG-01

- Sold separately, to order use MMA-01
- Each bracket comes with 2 #6 x 5/8″ Flat Head SS
- Required when mounting to a non-magnetic surface

M4
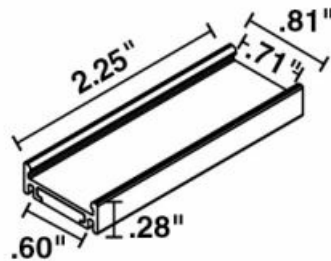
Low Profile Magnet

- One M4 is provided per foot.
- To order separately use MG-04

EXACT/OPTIMAL FIXTURE LENGTH

EXAMPLES OF 12″ OPTIMIZED STATIC WHITE FIXTURES WITH DIFFUSED LENS

S1

P1

FINISH

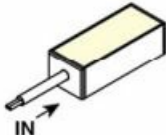|	
	Satin
	Black
	Bronze

SW DRY, DMP LENGTHS BY INCH

The exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is +0 – 1/8". Consult the factory for lengths under 12″.

EXACT LENGTH

Requested Length	Potential dim spot on either end of fixture
12"	.5"
13"	.5"
14"	.5"
15"	.5"
16"	.5"
17"	.5"
18"	.5"
19"	.5"
20"	.5"
21"	.5"
22"	.5"
23"	.5"
24"	.5"
36"	.5"
48"	.5"
60"	.5"
72"	.5"
84"	.5"
96"	.5"

OPTIMAL LENGTH

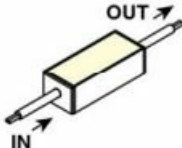| Requested Nominal Length	S1 S1 End Feed	P1 P1 OUT ↗ IN ↗ End Feed
12"	11.5"	11.75"
13"	12.5"	12.75"
14"	13.5"	13.75"
15"	14.5"	14.75"
16"	15.5"	15.75"
17"	16.5"	16.75"
18"	17.5"	17.75"
19"	18.5"	18.75"
20"	19.5"	19.75"
21"	20.5"	20.75"
22"	21.5"	21.75"
23"	22.5"	22.75"
24"	23.5"	23.75"
36"	35.5"	35.75"
48"	47.5"	47.75"
60"	59.5"	59.75"
72"	71.5"	71.75"
84"	83.5"	83.75"
96"	95.5"	95.75"

SW WET LENGTHS BY INCH

The exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is +0 – 1/8". Consult the factory for lengths under 12″.

EXACT LENGTH

Requested Length	Potential dim spot on either end of fixture
12"	.5"
13"	.5"
14"	.5"
15"	.5"
16"	.5"
17"	.5"
18"	.5"
19"	.5"
20"	.5"
21"	.5"
22"	.5"
23"	.5"
24"	.5"
36"	.5"
48"	.5"
60"	.5"
72"	.5"
84"	.5"
96"	.5"

OPTIMAL LENGTH

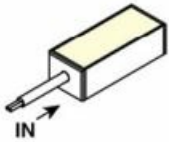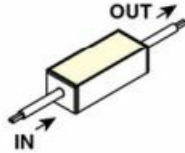| Requested Length	Potential dim spot on either end of fixture
12"	1"
13"	0.5"
14"	1"
15"	0.5"
16"	1"
17"	0.5"
18"	1"
19"	0.5"
20"	1"
21"	0.5"
22"	1"
23"	0.5"
24"	1"
36"	1"
48"	1"
60"	1"
72"	1"
84"	1"
96"	1"

SW-HE, SW-HE+ DRY, DMP LENGTHS BY INCH
The exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is +0 – 1/8". Consult the factory for lengths under 12″.

EXACT LENGTH

Requested Length	Potential dim spot on either end of fixture
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: Highlighted rows are closest to the requested nominal length

Requested Nominal Length	S1 S1 End Feed	P1 P1 OUT IN End Feed
12"	10.5"	10.75"
13"	12.5"	12.75"
14"	12.5"	12.75"
15"	14.5"	14.75"
16"	14.5"	14.75"
17"	16.5"	16.75"
18"	16.5"	16.75"
19"	18.5"	18.75"
20"	18.5"	18.75"
21"	20.5"	20.75"
22"	20.5"	20.75"
23"	22.5"	22.75"
24"	22.5"	22.75"
36"	34.5"	34.75"
48"	46.5"	46.75"
60"	58.5"	58.75"
72"	70.5"	70.75"
84"	82.5"	82.75"
96"	94.5"	94.75"

COMPATIBLE POWER SUPPLIES
See power supplies cut sheets for more information. Data is 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 iQ-PH+QD1	Q6M-DC+CAP QTM-DC+CAP iQ-PH iQ-PH+QD1	QOM-DC+CAP QOM-PH iQ-PH	QOM-DC+CAP QOM-PH iQ-PH
0.1%	QTM-eLED+0-10V QTM-eLED+AN QZ-DMX QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP	QTM-eLED+0-10V QTM-eLED+AN QZ-DMX QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP	Q-SET-QZ-DMX Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QZ-DMX QZ-PH/0-10V	Q-SET-QZ-DMX Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QZ-DMX QZ-PH/0-10V
1%	QTM-eLED(E) QTM-eLED(L) QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AN	QTM-eLED(E) QTM-eLED(L) QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AN	QOM-eLED+DALI-DT6	QOM-eLED+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-mile	

Non-Dim	QTM-eLED-ND QZ-ND	QTM-eLED-ND QZ-ND	Q-SET-QZ-ND Q-SET-eLED-ND QOM-eLED-ND QZ-ND iQ-ND-50-65	Q-SET-QZ-ND Q-SET-eLED-ND QOM-eLED-ND QZ-ND iQ-ND-50-65

Phase	Q6M-DC+CAP QTM-DC+CAP QTM-eLED(E) QTM-eLED(L) QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH iQ-PH+QD1	Q6M-DC+CAP QTM-DC+CAP QTM-eLED(E) QTM-eLED(L) QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH iQ-PH+QD1	Q-HEX-mini-DC Q-SET-QZ-PH/0-10V Q-SET-mLED QOM-DC+CAP QOM-PH QZ-PH/0-10V iQ-PH	Q-SET-QZ-PH/0-10V QOM-DC+CAP QOM-PH QZ-PH/0-10V iQ-PH
0-10V	QTM-eLED+0-10V QTM-eLED+AN QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP	QTM-eLED+0-10V QTM-eLED+AN QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP	Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QZ-PH/0-10V	Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QZ-PH/0-10V
Lutron Athena	QTM-eLED+AN QTM-eLED+DALI-DT6-AN	QTM-eLED+AN QTM-eLED+DALI-DT6-AN		
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	QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AN	QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AN	QOM-eLED+DALI-DT6	QOM-eLED+DALI-DT6
SCENE App Dimmed	Non-Dim Power Supply with SW App Dongle	Non-Dim Power Supply with SW App Dongle		

COMPATIBLE MOUNTING ACCESSORIES

HINGE - HMB-M	HINGE - HMB-L	HINGE - HMB-XL	Q-PIVOT	Q-ANGLE	QUOVA-STANDARD
1.41" .71"	1.46" 1.29"	4" 1.46"	.75" 1.03"	2.23" 1.38"	
Adjustable mounting bracket - Medium	Adjustable mounting bracket - Large	Adjustable mounting bracket - XLarge	Small mounting accessory	Adjustable mounting accessory	QUOVA Knife Edge

COMPATIBLE WIRING ACCESSORIES

Q-mini-J	BARREL-EXT	BARREL FOUR-FER	CON-EXT	CON FOUR-FER	CON M - BARREL F
2" 1.25"					
UL Listed, miniature junction box	8ft barrel cable extender	Splits lead from one to four LED Barrel connector fixtures	10ft Con cable extender	Splits lead from one to four LED Con connectors	Male con to barrel cable adaptor

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE

1.36"

2.58"

Wi-Fi or Bluetooth Connectivity

Specification is subject to change. **Rev**-07-20-23

Documents / Resources

Q-TRAN VV1SW Linear Fixtures Corner And Surface [pdf] Owner's Manual
VV1SW Linear Fixtures Corner And Surface, VV1SW, Linear Fixtures Corner And Surface, Fixtures Corner And Surface, Corner And Surface, Surface

References

- Your Name as Your Email | Hover Realnames
- LED Lighting Systems, Linear LED Lights, LED transformers | Q-Tran
- LED Lighting Systems, Linear LED Lights, LED transformers | Q-Tran
- **User Manual**