



VERS-ASYMMETRIC (09) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

white optics



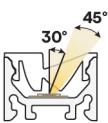
RoHS COMPLIANT

EPD ENVIRONMENTAL PRODUCT DECLARATION

5 YEAR WARRANTY

BAA & BABA
DW-H-E ONLY
CONTACT FACTORY

Declare.



- When surface-mounted, this VERSatile fixture directs the light in an asymmetrical direction without having to angle the fixture, making it an excellent solution for illuminating artwork, signage, or even washing a ceiling detail.
- Features an extruded asymmetric lens with a proprietary diffusing agent that allows for light to be focused in a tight 45° beam that is shifted 30° off center
- Features integrated metal endcaps
- Mounting options include a concealed or magnetic clip
- With an internal White Optics coating, the fixture achieves greater lumen output
- Durable anodized aluminum housings
- Consult factory for field assembly options
- Optional plastic louver accessory available in white or black for added glare control

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

1 PRODUCT	2 WATTS/ FT	3 CCT	4 RATED	5 LENS	6 EXTERNAL LOUVER
				ASYM	

ADDITIONAL INFORMATION REQUIRED TO ORDER

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

Sample Part Number: VERS-03-WD-6.0-19/30-DRY-ASYM-N/A-P1A-BW-BW-BK-CL2-CC-BK-48"-E

1 PRODUCT VERS-09-WD LED engine is built with 2 wires suitable for phase dimming control. See following pages for compatible power supplies.	2 WATTS/FT 6.0 6.0W/ft 1.5HE 1.5W/ft HE 2.5HE 2.5W/ft HE 4.0HE 4.0W/ft HE	3 CCT 19/27 1900K/2700K 19/30 1900K/3000K 20/27 2000K/2700K 20/30 2000K/3000K 27/40 2700K/4000K 27/55 2700K/5500K	4 RATED DRY IP20 DRY IP20	5 LENS ASYM Asymmetric For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages	6 EXTERNAL LOUVER L1-WH White Plastic L1-BK Black Plastic N/A No Louver Plastic Louvers come in 12" lengths, multiple pieces will be used to match fixture length. White and custom painted finishes are not compatible with L2 external louvers.
7 WIRE INPUT/OUTPUT SINGLE (Input only) S1A End Feed S1B End Feed S2A Bottom Feed S2B Bottom Feed S3A Left Side Feed S3B Left Side Feed S4A Right Side Feed S4B Right Side Feed When using TBC Mounting, a bare wire S2A/A2B wire feed is recommended. See install instructions for details.	8 CONNECTOR/WIRE IN BW Bare Wire (Standard 36") CON6 Connector 6" CON24 Connector 24" BW: Standard length is 36". 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)	10 WIRE COLOR WH White BK Black		
PASS THROUGH (Input/output) P1A End Feed P1B End Feed P2A Bottom Feed P2B Bottom Feed P3A Left Side Feed P3B Left Side Feed P4A Right Side Feed P4B Right Side Feed When using TBC Mounting, a bare wire P2A/P2B wire feed is recommended. See install instructions for details.	BW Bare Wire (Standard 36") CON6 Connector 6" CON24 Connector 24" BW: Standard length is 36". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)	BW Bare Wire (Standard 36") CON6 Connector 6" CON24 Connector 24" BW: Standard length is 36". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)			
11 WIRE TYPE CL2 Class 2 CL2P Plenum Rated CL2P only available with bare wire leads (BW)	12 MOUNTING CC Concealed Clip MG Magnet TBC-03 9/16" Flat TB-Grid TBC-04 15/16" Flat or Tegular TB-Grid TBC-05 9/16" Tegular TB-Grid	13 FINISH ST Satin BK Black BZ Bronze WH White CU Custom White and custom painted finishes are not compatible with external louvers	14 LENGTH (IN) Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12".	15 EXACT/OPTIMAL O Optimal Illumination E Exact Specified Length Exact fixtures match the exact length you specify, but they may have dim spots at the ends. Optimal fixtures are slightly shorter than the length specified, but provide full illumination from end to end. See Exact/Optimal Fixture Length charts.	

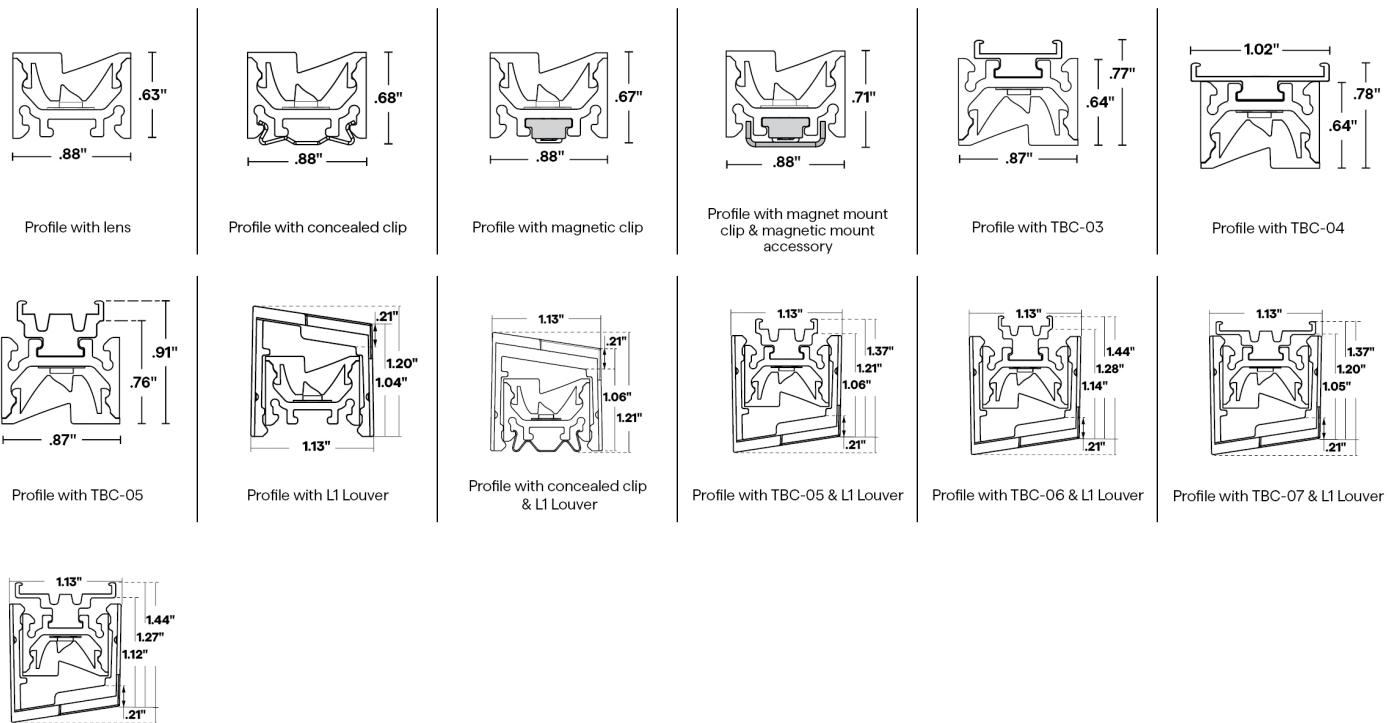
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



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1 PRODUCT - DIMENSIONS



Profile with TBC-08 & L1 Louver

2 DELIVERED LUMENS

[Calculated L70 = 70000 hrs]
Tested with VERS-09-WD-**-30-DRY

[Calculated L70 = 70000 hrs]
Tested with VERS-09-DW-**-30-DRY

	6.0 W/FT
LM/FT	CRI
ASYM	433
	97

	1.5HE W/FT		2.5HE W/FT		4.0HE W/FT	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
ASYM	141	98	223	98	343	98

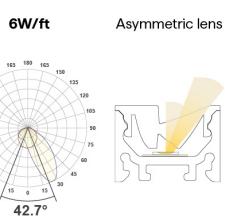
5 DIODE VISIBILITY



ASYM - Asymmetric lens

PHOTOMETRIC PERFORMANCE

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





VERS-ASYMMETRIC (09) FOR WARM DIM APPLICATIONS

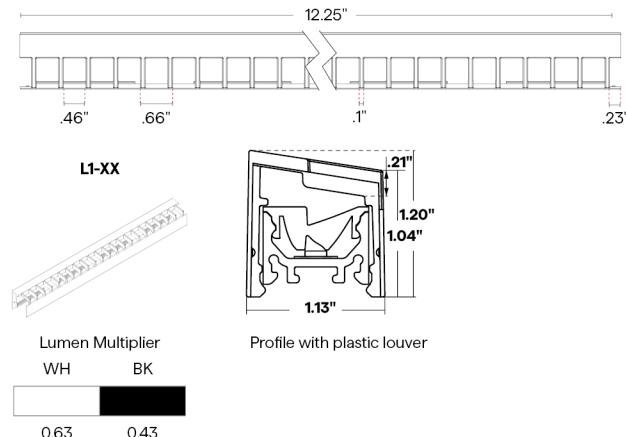
24VDC Linear Fixtures - Surface & Recessed

TEMPERATURE RATINGS

		DW 1.5 HE W/FT						DW 2.5 HE W/FT						DW 4.0 HE W/FT					
		WD 6.0 W/FT		Q-Tran power supply other than DALI, DMX		DALI, DMX, or non-Q-Tran power supply		Q-Tran power supply other than DALI, DMX		DALI, DMX, or non-Q-Tran power supply		Q-Tran power supply other than DALI, DMX		DALI, DMX, or non-Q-Tran power supply					
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max		
DRY	Ambient Operating Temp - Surface	-4°F	115°F	-4°F	145°F	-4°F	135°F	-4°F	135°F	-4°F	120°F	-4°F	125°F	-4°F	110°F				

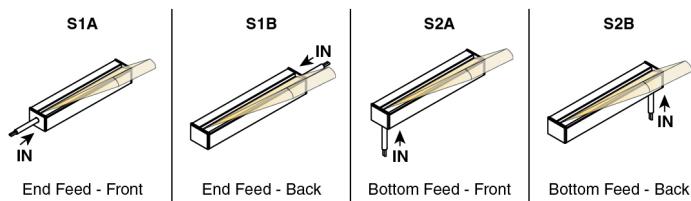
6 EXTERNAL LOUVER

PLASTIC

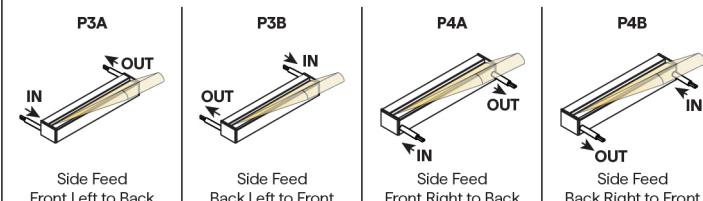
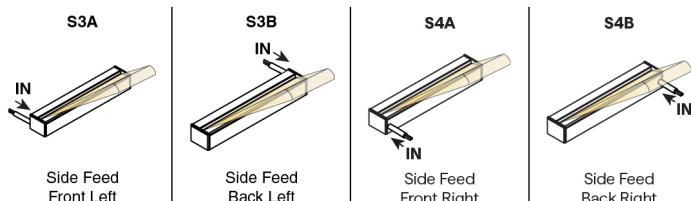
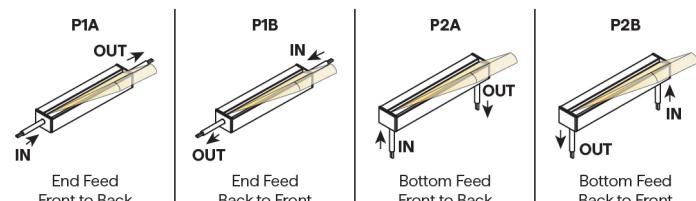


7 WIRE INPUT/OUTPUT

ASYMMETRIC ONLY SINGLE (Input only)



ASYMMETRIC ONLY PASS THROUGH (Input/Output)

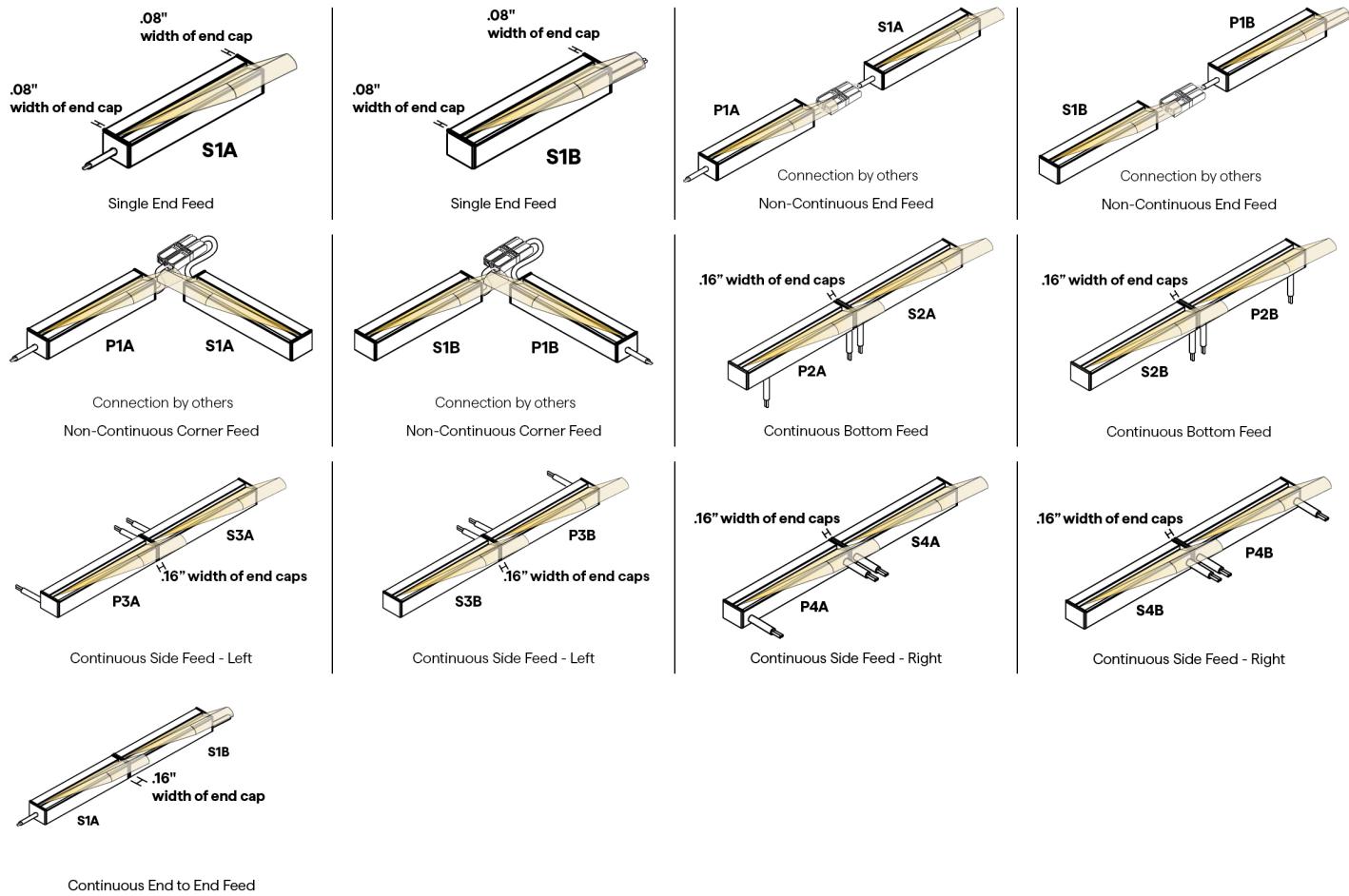




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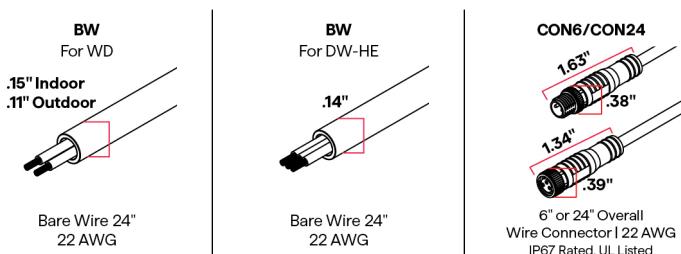
24VDC Linear Fixtures - Surface & Recessed

CONFIGURATION OPTIONS



8 / 9 CONNECTOR/WIRE – IN/OUT

Connector/Wire In or Out not needed to specify product.



10 WIRE COLOR





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24VDC Linear Fixtures - Surface & Recessed

12 MOUNTING

CC (CC-01)	CC (CC-02)	MG	MMA-02	TBC-03
Concealed Clip	Louver Concealed Clip Required if L1 or L2 Louver is selected	Magnet Clip	Magnet Mount Accessory for MG-02	Plastic T-Bar Clip
2 pieces of hardware provided for 4' or less; 4 pieces of hardware provided for greater than 4'	2 pieces of hardware provided for 4' or less; 4 pieces of hardware provided for greater than 4'	One MG provided per foot	Sold separately, to order use MMA-02	Use on 9/16" Flat Drop Ceiling
To order separately use CC-01	To order separately use CC-02	To order separately use MG-02	Each clip comes with a #6 Flat Screw	2 clips provided for first 12"; 1 clip provided for each additional 12" or less length
Each clip comes with a #4 x 5/8" Flat Head screw.	Each clip comes with a #4 x 5/8" Flat Head screw.		Required when mounting to a non-magnetic surface	To order separately use TBC-03
				Each pair of clips comes with M2.5 x 4mm set screw and Allen key

MOUNTING CONTINUED

TBC-04	TBC-05
Plastic T-Bar Clip	Plastic T-Bar Clip
Use on 15/16" Flat or Tegular Drop Ceiling	Use on 9/16" Tegular Drop Ceiling
2 clips provided for first 12"; 1 clip provided for each additional 12" or less length	2 clips provided for first 12"; 1 clip provided for each additional 12" or less length
To order separately use TBC-04	To order separately use TBC-05
Each pair of clips comes with M2.5 x 4mm set screw and Allen key	Each pair of clips comes with M2.5 x 4mm set screw and Allen key

13 FINISH



Satin

Black

Bronze

White

Custom color available



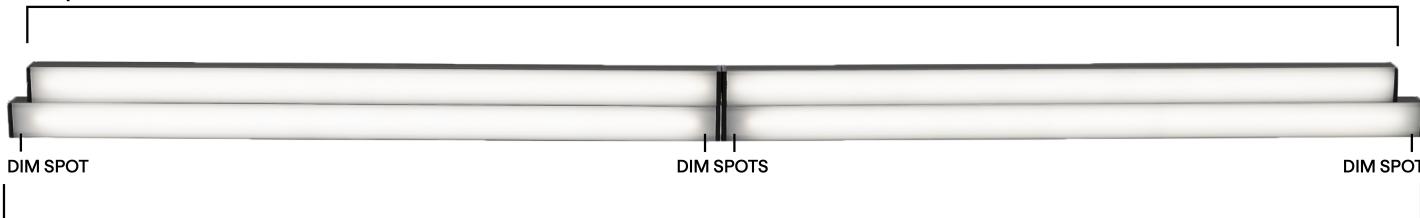
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15 EXACT/OPTIMAL FIXTURE LENGTH

Exact fixtures are the exact length specified. Optimal fixtures' length is rounded down based on LED cut points to allow the fixture to be illuminated end to end. For runs with multiple fixtures that need to fill a specific length, it's recommended to order all optimal fixtures with an exact fixture at the end of the run.

Optimal Fixtures



Exact Fixtures

WD DRY LENGTHS BY INCH

Available in any length in between 12" and 98" not including end caps, chart below shows example lengths. Exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is $+0 - 1/8"$. Consult factory for lengths under 12".

EXACT LENGTH

Requested Length	Potential dim spot on either end of fixture
12"	1"
13"	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 requested nominal length

Requested Nominal Length	S1A/B & S2A/B	P1A/B & P2A/B	S3A/B & S4A/B	P3A/B & P4A/B
12"	10.49"	10.74"	10.34"	10.44"
13"	12.49"	12.74"	12.34"	12.44"
14"	12.49"	12.74"	12.34"	12.44"
15"	14.49"	14.74"	14.34"	14.44"
16"	14.49"	14.74"	14.34"	14.44"
17"	16.49"	16.74"	16.34"	16.44"
18"	16.49"	16.74"	16.34"	16.44"
19"	18.49"	18.74"	18.34"	18.44"
20"	18.49"	18.74"	18.34"	18.44"
21"	20.49"	20.74"	20.34"	20.44"
22"	20.49"	20.74"	20.34"	20.44"
23"	22.49"	22.74"	22.34"	22.44"
24"	22.49"	22.74"	22.34"	22.44"
36"	34.49"	34.74"	34.34"	34.44"
48"	46.49"	46.74"	46.34"	46.44"
60"	58.49"	58.74"	58.34"	58.44"
72"	70.49"	70.74"	70.34"	70.44"
84"	82.49"	82.74"	82.34"	82.44"
96"	94.49"	94.74"	94.34"	94.44"



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DW-HE DRY LENGTHS BY INCH

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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 requested nominal length

Requested Nominal Length	S1A/B & S2A/B		P1A/B & P2A/B		S3A/B & S4A/B		P3A/B & P4A/B	
	S1 End Feed	S2 Bottom Feed	P1 End Feed	P2 Bottom Feed	S3 Side Feed - Left	S4 Side Feed - Right	P3 Side Feed - Left	P4 Side Feed - Right
12"	10.59"		10.94"		10.49"		10.59"	
13"	12.59"		12.94"		12.49"		12.59"	
14"	12.59"		12.94"		12.49"		12.59"	
15"	14.59"		14.94"		14.49"		14.59"	
16"	14.59"		14.94"		14.49"		14.59"	
17"	16.59"		16.94"		16.49"		16.59"	
18"	16.59"		16.94"		16.49"		16.59"	
19"	18.59"		18.94"		18.49"		18.59"	
20"	18.59"		18.94"		18.49"		18.59"	
21"	20.59"		20.94"		20.49"		20.59"	
22"	20.59"		20.94"		20.49"		20.59"	
23"	22.59"		22.94"		22.49"		22.59"	
24"	22.59"		22.94"		22.49"		22.59"	
36"	34.59"		34.94"		34.49"		34.59"	
48"	46.59"		46.94"		46.49"		46.59"	
60"	58.59"		58.94"		58.49"		58.59"	
72"	70.59"		70.94"		70.49"		70.59"	
84"	82.59"		82.94"		82.49"		82.59"	
96"	94.59"		94.94"		94.49"		94.59"	

COMPATIBLE POWER SUPPLIES

See power supplies cut sheets for more information. Data subject to change, all data has +/- 5% tolerance.

DIM TO LEVEL	INDOOR	
	DW-HE Warm Dim Applications	WD
0.1%	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+WD QT-CAB-eLED+WD-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QTM-eLED+WD QTM-eLED+WD-AWN QZ-DW	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-BOWTIE+DIMMER QZ-DMX QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP
1%	QZ-DALI-DT8	QTM-eLED(E) QZ-DALI-DT6
10%	Non-Dim Power Supply with WD App Dongle	Non-Dim Power Supply with SW App Dongle



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DIMMING PROTOCOL	INDOOR	
	DW-HE Warm Dim Applications	WD
Phase	QZ-DW	QT-CAB-QZ-PH/0-10V QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP
0-10V	QT-CAB-eLED+WD QT-CAB-eLED+WD-AWN QTM-eLED+WD QTM-eLED+WD-AWN QZ-DW	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QTM-eLED+0-10V QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP
Lutron Athena	QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+WD-AWN QTM-eLED+DALI-DT8-AWN QTM-eLED+WD-AWN	QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+DALI-DT6-AWN
ECO System		QTM-eLED(E)
DMX If using DW LED, wattage must be doubled		QZ-DMX
DALI-2: DT6 If using DW LED, wattage must be doubled except for AWN	QT-CAB-eLED+DALI-DT6 QTM-eLED+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
DALI-2: DT8 If using DW LED, wattage must be doubled except for AWN	QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QZ-DALI-DT8	
SCENE App Dimmed	Non-Dim Power Supply with WD App Dongle	Non-Dim Power Supply with SW App Dongle

COMPATIBLE MOUNTING ACCESSORIES

HINGE - HMB-M 1.41" .71"	HINGE - HMB-L 1.46" 1.29"	HINGE - HMB-XL 4" 1.46"	Q-PIVOT 7.5" 1.03"	Q-ANGLE 1.38" 2.23"	QUOVA-STANDARD QUOVA Knife Edge	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								



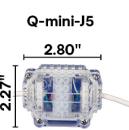
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COMPATIBLE WIRING ACCESSORIES



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



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

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE



Wi-Fi or Bluetooth Connectivity

COMPATIBLE APPS

NFC APP



Read and write DMX addresses and adjust voltage