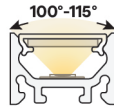
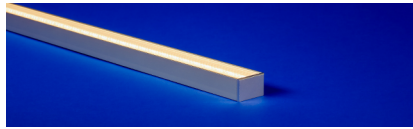




# VERS-INSERT (08) FOR TUNABLE APPLICATIONS

## 24VDC Linear Fixtures - Surface & Recessed



- A VERSatile fixture with customizable options to meet the specific needs of various applications
- The batwing and prismatic lens options offer glare-reducing illumination
- 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
- Can be suitable for exterior use when specified as wet, contact factory for more information
- Optional external louver accessory available in white or black for added glare control



### INFORMATION REQUIRED FOR LIGHTING SCHEDULE

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

### ADDITIONAL INFORMATION REQUIRED TO ORDER

7	8	9	10	11	12	13	14	15
WIRE INPUT/ OUTPUT	CONNECTOR/ WIRE IN	CONNECTOR/ WIRE OUT	WIRE COLOR	WIRE TYPE	MOUNTING	FINISH	LENGTH (IN)	EXACT/ OPTIMAL

Sample Part Number: **VERS-08-DW-2.5HE-20/30-DRY-GC-L1-BK-P1-BW-BW-BK-CL2-CC-BK-48"-E**

1	2	3	4	5	6
PRODUCT	WATTS/FT	CCT	RATED	LENS	EXTERNAL LOUVER
VERS-08-DW VERS-08-DW-USA  Select USA option for BAA and BABA projects. Only DRY or WET ratings apply.  LED engine is built with 3 wires requiring 0-10V, DMX or DALI control. Using DALI, DMX, or non QTL power supplies may double watts/ft. See following pages for compatible power supplies.	1.5HE 1.5W/ft HE 2.5HE 2.5W/ft HE 4.0HE 4.0W/ft HE	18/30 1800K/3000K 18/35 1800K/3500K 20/27 2000K/2700K 20/30 2000K/3000K 24/40 2400K/4000K 27/40 2700K/4000K 27/55 2700K/5500K	DRY IP20	BAT Batwing GC Glare Control  For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages	L1-WH White Plastic L1-BK Black Plastic L2-ST Satin Anodized Aluminum L2-BK Black Anodized Aluminum L2-WH White Powder Coated Aluminum N/A No Louver  Plastic Louvers come in 12" lengths, multiple pieces will be used to match fixture length. Aluminum louvers come in maximum 98" lengths and will be cut to match fixture length. White and custom painted finishes are not compatible with L2 external louvers.
	1.5HE 1.5W/ft HE 2.5HE 2.5W/ft HE	22/30 2200K/3000K 22/35 2200K/3500K 24/30 2400K/3000K 24/40 2400K/4000K 27/40 2700K/4000K	DMP IP54		
	1.5HE 1.5W/ft HE 2.5HE 2.5W/ft HE	18/30 1800K/3000K 18/35 1800K/3500K 20/27 2000K/2700K 20/30 2000K/3000K 24/40 2400K/4000K 27/40 2700K/4000K 27/55 2700K/5500K	WET IP67		
7	8		9		10
WIRE INPUT/OUTPUT	CONNECTOR/WIRE IN		CONNECTOR/WIRE OUT		WIRE COLOR
SINGLE (Input only) S1 End Feed S2 Bottom Feed S3 Left Side Feed S4 Right Side Feed  PASS THROUGH (Input/output) P1 End Feed P2 Bottom Feed P3 Left Side Feed P4 Right Side Feed	BW Bare Wire (Standard 36") CON6 Connector 6" CON24 Connector 24"  BW Bare Wire (Standard 36") CON6 Connector 6" CON24 Connector 24"		CLS Closed End (No feed)  BW Bare Wire (Standard 36") CON6 Connector 6" CON24 Connector 24"		WH White BK Black
When using TBC Mounting, a bare wire S2 wire feed is recommended. See install instructions for details.					
BW: Standard length is 36", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)					
BW: Standard length is 36", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)					
11	12	13	14	15	
WIRE TYPE	MOUNTING	FINISH	LENGTH (IN)	EXACT/OPTIMAL	
CL2 Class 2 CL2P Plenum Rated  CL2P only available with bare wire leads (BW)	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 or 9/16" Flat TB-Grid, with External Louver TBC-06 9/16" Tegular TB-Grid, with External Louver TBC-07 15/16" Flat TB-Grid, with External Louver TBC-08 15/16" Tegular TB-Grid, with External Louver	ST Satin BK Black BZ Bronze WH White CU Custom  White and custom finishes are incompatible with external louvers; custom finishes have longer lead times. Non-RAL 9003 whites custom.	Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12".	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.	

When using TBC Mounting, a bare wire S2 wire feed is recommended. See install instructions for details.

BW: Standard length is 36", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

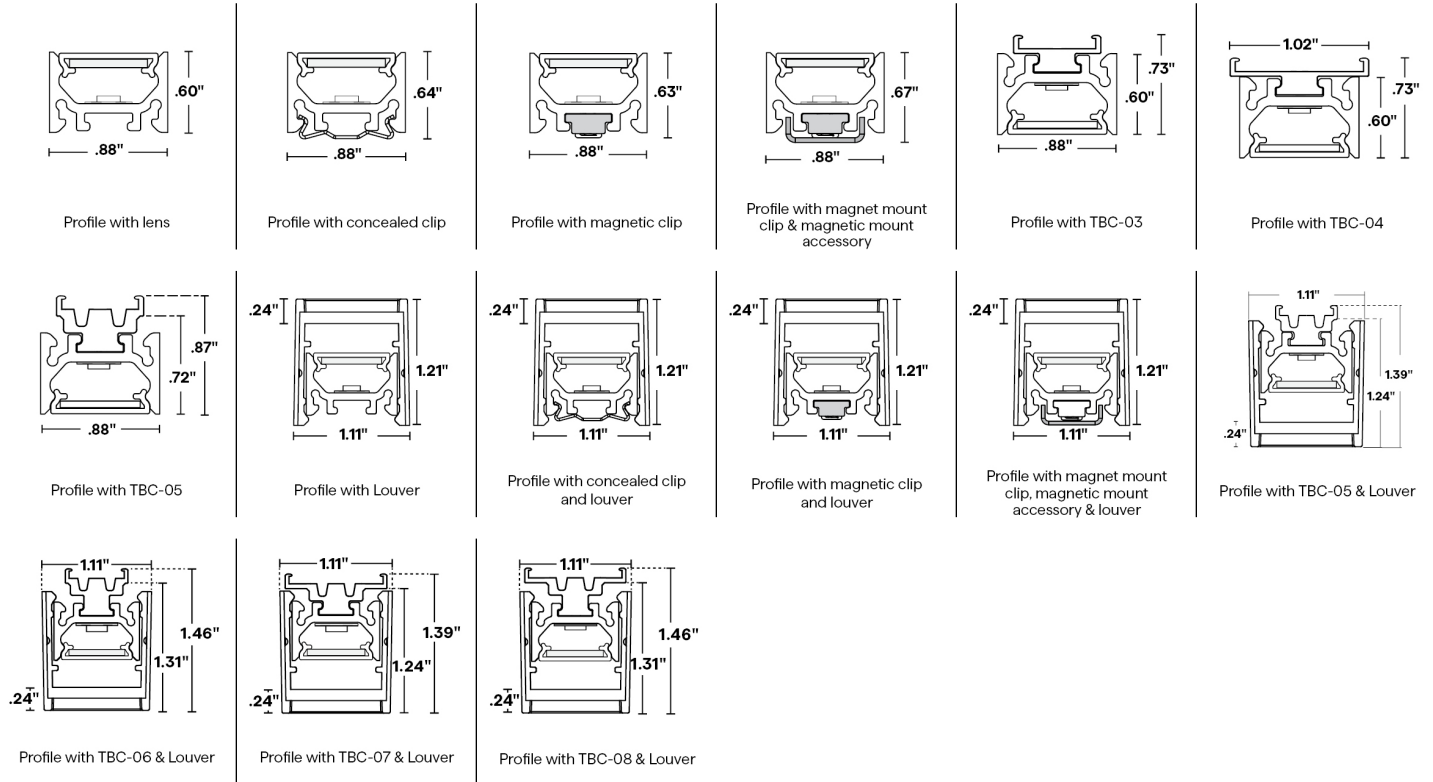
BW: Standard length is 36", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)



# VERS-INSERT (08) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

## 1 PRODUCT - DIMENSIONS



## 2 DELIVERED LUMENS

[Calculated L70 = 70000 hrs]  
Tested with VERS-08-DW-\*\*-\*\*-DRY

	1.5HE W/FT			2.5HE W/FT			4.0HE W/FT		
	LM/FT	CRI	UGR	LM/FT	CRI	UGR	LM/FT	CRI	UGR
BAT	129	98	N/A	203	98	N/A	302	98	N/A
GC	136	98	≤ 18.1	215	98	≤ 19.6	341	98	≤ 21.2

## 5 DIODE VISIBILITY

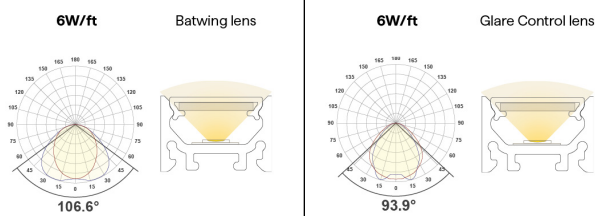


BAT - Batwing lens

GC - Glare Control lens

## PHOTOMETRIC PERFORMANCE

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





# VERS-INSERT (08) FOR TUNABLE APPLICATIONS

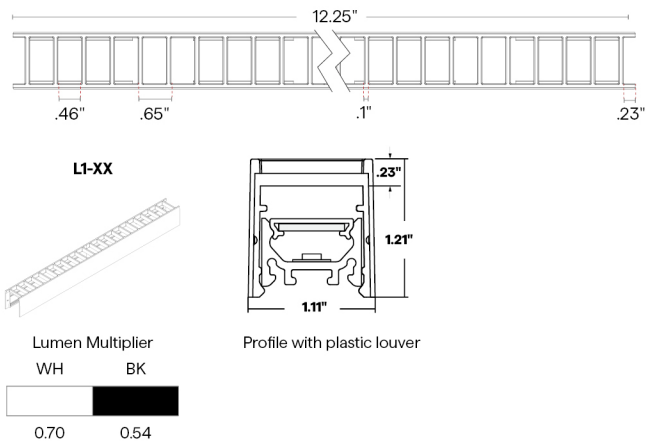
## 24VDC Linear Fixtures - Surface & Recessed

### TEMPERATURE RATINGS

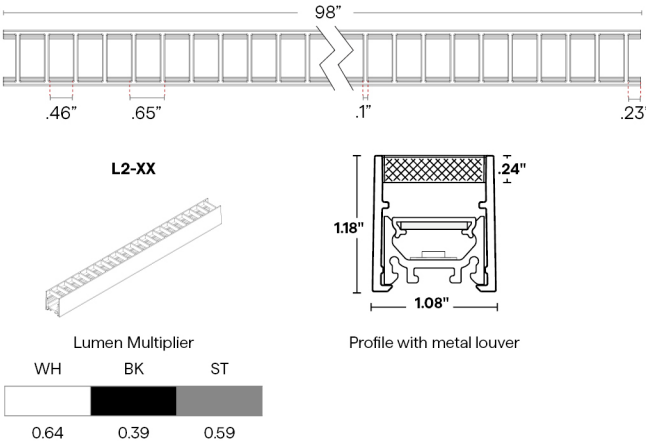
		DW 1.5 HE W/FT		DW 3.0 HE W/FT		DW 2.5 HE W/FT		DW 5.0 HE W/FT		DW 4.0 HE W/FT		DW 8.0 HE W/FT	
		QTL power supply other than DALI, DMX		DALI, DMX, or non-QTL power supply		QTL power supply other than DALI, DMX		DALI, DMX, or non-QTL power supply		QTL power supply other than DALI, DMX		DALI, DMX, or non-QTL power supply	
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
DRY	Ambient Operating Temp - Surface	-4°F	145°F	-4°F	135°F	-4°F	135°F	-4°F	120°F	-4°F	125°F	-4°F	110°F
DMP	Ambient Operating Temp - Surface	-4°F	140°F	-4°F	130°F	-4°F	130°F	-4°F	115°F	—	—	—	—
WET	Ambient Operating Temp - Surface	-4°F	140°F	-4°F	130°F	-4°F	130°F	-4°F	115°F	—	—	—	—

### 6 EXTERNAL LOUVER

PLASTIC

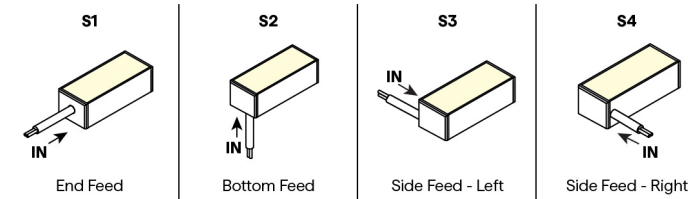


METAL

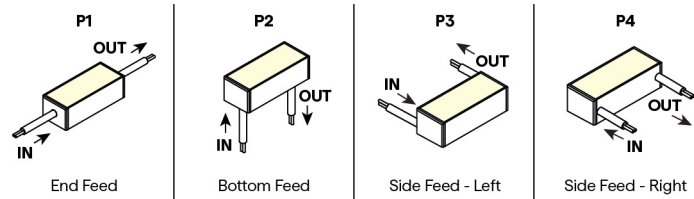


### 7 WIRE INPUT/OUTPUT

SINGLE (Input only)



PASS THROUGH (Input/Output)





# VERS-INSERT (08) FOR TUNABLE APPLICATIONS

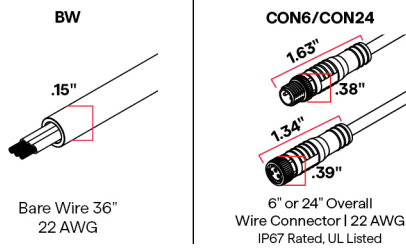
24VDC Linear Fixtures - Surface & Recessed

## CONFIGURATION OPTIONS



## 8 / 9 CONNECTOR/WIRE - IN/OUT

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



## 10 WIRE COLOR



## 12 MOUNTING

<p><b>CC</b> (CC-01)</p> <p>Concealed Clip</p> <p>2 pieces of hardware provided for 4' or less; 4 pieces of hardware provided for greater than 4'</p> <p>To order separately use CC-01 (sold in pairs)</p> <p>Each clips comes with a #4 x 5/8\" Flat Head screw.</p>	<p><b>CC</b> (CC-02)</p> <p>Louver Concealed Clip Required if L1 or L2 Louver is selected</p> <p>2 pieces of hardware provided for 4' or less; 4 pieces of hardware provided for greater than 4'</p> <p>To order separately use CC-02 (sold in pairs)</p> <p>Each clips comes with a #4 x 5/8\" Flat Head screw.</p>	<p><b>MG</b></p> <p>Magnet Clip</p> <p>One MG provided per foot</p> <p>To order separately use MG-02</p>	<p><b>MMA-02</b></p> <p>Magnet Mount Accessory for MG-02</p> <p>Sold separately, to order use MMA-02</p> <p>Each clip comes with a #6 Flat Screw</p> <p>Required when mounting to a non-magnetic surface</p>	<p><b>TBC-03</b></p> <p>Plastic T-Bar Clip</p> <p>Use on 9/16\" Flat Drop Ceiling</p> <p>2 clips provided for first 12\"; 1 clip provided for each additional 12\" or less length. 1 T-Bar Mounting Jig included with each fixture.</p> <p>To order separately use TBC-03</p> <p>Each pair of clips comes with M2.5 x 4mm set screw and Allen key</p>
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# VERS-INSERT (08) FOR TUNABLE APPLICATIONS

## 24VDC Linear Fixtures - Surface & Recessed

### MOUNTING CONTINUED

<p><b>TBC-04</b></p>  <p>Plastic T-Bar Clip</p> <p>Use on 15/16" Flat or Tegular Drop Ceiling</p> <p>2 clips provided for first 12"; 1 clip provided for each additional 12" or less length. 1 T-Bar Mounting Jig included with each fixture.</p> <p>To order separately use TBC-04</p> <p>Each pair of clips comes with M2.5 x 4mm set screw and Allen key</p>	<p><b>TBC-05</b></p>  <p>Plastic T-Bar Clip</p> <p>Use on 9/16" Tegular Drop Ceiling</p> <p>2 clips provided for first 12"; 1 clip provided for each additional 12" or less length. 1 T-Bar Mounting Jig included with each fixture.</p> <p>To order separately use TBC-05</p> <p>Each pair of clips comes with M2.5 x 4mm set screw and Allen key</p>	<p><b>TBC-06</b></p>  <p>Plastic T-Bar Clip</p> <p>Use with Louver on 9/16" Tegular Drop Ceiling</p> <p>2 clips provided for first 12"; 1 clip provided for each additional 12" or less length. 1 T-Bar Mounting Jig included with each fixture.</p> <p>To order separately use TBC-06</p> <p>Each pair of clips comes with M2.5 x 4mm set screw and Allen key</p>	<p><b>TBC-07</b></p>  <p>Plastic T-Bar Clip</p> <p>Use with Louver on 15/16" Flat Drop Ceiling</p> <p>2 clips provided for first 12"; 1 clip provided for each additional 12" or less length. 1 T-Bar Mounting Jig included with each fixture.</p> <p>To order separately use TBC-07</p> <p>Each pair of clips comes with M2.5 x 4mm set screw and Allen key</p>	<p><b>TBC-08</b></p>  <p>Plastic T-Bar Clip</p> <p>Use with Louver on 15/16" Tegular Drop Ceiling</p> <p>2 clips provided for first 12"; 1 clip provided for each additional 12" or less length. 1 T-Bar Mounting Jig included with each fixture.</p> <p>To order separately use TBC-08</p> <p>Each pair of clips comes with M2.5 x 4mm set screw and Allen key</p>
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### 13 FINISH

	Satin
	Black
	Bronze
	White

Custom finishes require a longer lead time, consult factory

### 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.





# VERS-INSERT (08) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

## DW-HE DRY DMP LENGTHS BY INCH

### EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 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

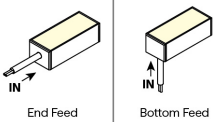
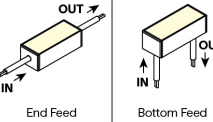
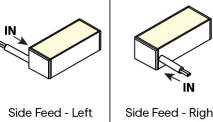
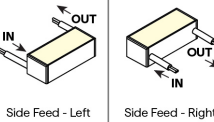
Requested Nominal Length	S1 & S2 	P1 & P2 	S3 & S4 	P3 & P4 
12"	10.59"	10.94"	10.49"	10.59"
13"	12.59"	12.94"	12.49"	12.59"
14"	12.59"	12.94"	12.49"	12.59"
15"	14.59"	14.94"	14.49"	14.59"
16"	14.59"	14.94"	14.49"	14.59"
17"	16.59"	16.94"	16.49"	16.59"
18"	16.59"	16.94"	16.49"	16.59"
19"	18.59"	18.94"	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"

## DW-HE WET LENGTHS BY INCH

### EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 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

Requested Nominal Length	S1 & S2 	P1 & P2 	S3 & S4 	P3 & P4 
12"	10.74"	11.14"	10.64"	10.84"
13"	12.74"	11.14"	12.64"	12.84"
14"	12.74"	13.14"	12.64"	12.84"
15"	14.74"	13.14"	14.64"	14.84"
16"	14.74"	15.14"	14.64"	14.84"
17"	16.74"	15.14"	16.64"	16.84"
18"	16.74"	17.14"	16.64"	16.84"
19"	18.74"	17.14"	18.64"	18.84"
20"	18.74"	19.14"	18.64"	18.84"
21"	20.74"	19.14"	20.64"	20.84"
22"	20.74"	21.14"	20.64"	20.84"
23"	22.74"	21.14"	22.64"	22.84"
24"	22.74"	23.14"	22.64"	22.84"
36"	34.74"	35.14"	34.64"	34.84"
48"	46.74"	47.14"	46.64"	46.84"
60"	58.74"	59.14"	58.64"	58.84"
72"	70.74"	71.14"	70.64"	70.84"
84"	82.74"	83.14"	82.64"	82.84"
96"	94.74"	95.14"	94.64"	94.84"



# VERS-INSERT (08) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

## 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
	DW-HE Tunable Applications	DW-HE Tunable Applications
0.1%	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+TW QT-CAB-eLED+TW-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QTM-eLED+TW QTM-eLED+TW-AWN QZ-DMX	Q-SET-QZ-DMX QOM-eLED+DALI-DT6 QOM-eLED+DALI-DT8 QOM-eLED+PS-DALI-DT6 QOM-eLED+PS-DALI-DT8 QOM-eLED+TW QZ-DMX
1%	QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QZ-DALI-DT8
10%	Non-Dim Power Supply with TW App Dongle	


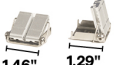







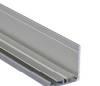
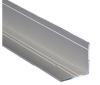
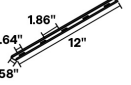
DIMMING PROTOCOL	INDOOR	OUTDOOR
	DW-HE Tunable Applications	DW-HE Tunable Applications
0-10V	QT-CAB-eLED+TW QT-CAB-eLED+TW-AWN QTM-eLED+TW QTM-eLED+TW-AWN	QOM-eLED+TW
Lutron Athena	QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+TW-AWN QTM-eLED+DALI-DT8-AWN QTM-eLED+TW-AWN	
DMX LED wattage must be doubled for DW-HE products	QZ-DMX	Q-SET-QZ-DMX QZ-DMX
DALI-2: DT6 LED wattage must be doubled for DW-HE products except for AWN	QT-CAB-eLED+DALI-DT6 QTM-eLED+DALI-DT6	QOM-eLED+DALI-DT6
DALI-2: DT8 LED wattage must be doubled for DW-HE products except for AWN	QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QOM-eLED+DALI-DT8 QZ-DALI-DT8
SCENE App Dimmed	Non-Dim Power Supply with TW App Dongle	



# VERS-INSERT (08) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

## COMPATIBLE MOUNTING ACCESSORIES

<b>HINGE - HMB-M</b>  1.41" .71" Adjustable mounting bracket - Medium	<b>HINGE - HMB-L</b>  1.46" 1.29" Adjustable mounting bracket - Large	<b>HINGE - HMB-XL</b>  1.46" 4" Adjustable mounting bracket - XLarge	<b>Q-PIVOT</b>  .75" 1.03" Small mounting accessory	<b>Q-ANGLE</b>  2.23" 1.38" Adjustable mounting accessory	<b>NJ-LARGE</b>  J Mounting Bracket	<b>NU-LARGE</b>  U Mounting Bracket	<b>SD-J-LARGE</b>  J Mounting Bracket	<b>BL-LARGE</b>  Backwards L Mounting Bracket	<b>NL-LARGE</b>  L Mounting Bracket
<b>SD-L-LARGE</b>  L Mounting Bracket	<b>MMA-02</b>  1.86" 12" .64" .58" Magnet Mount Accessory for MG-02								

## COMPATIBLE WIRING ACCESSORIES

**Q-mini-J5**  
  
2.80"  
2.27"  
UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)

## COMPATIBLE CONTROL ACCESSORIES

**SCENE APP DONGLE**  
  
1.36"  
2.58"  
Wi-Fi or Bluetooth Connectivity

## COMPATIBLE APPS

**NFC APP**  
  
Q-NFC  
Read and write DMX addresses and adjust voltage