



# VERS-OPTICS (05) STATIC WHITE STANDARD

24VDC Linear Fixtures - Surface & Recessed



white optics®

UL LISTED

NEC  
Article 110  
Close Rated up  
to 4.0W/ft

RoHS  
COMPLIANT

EPD  
VERIFIED

JA8-2016  
Approved

1-BIN  
2-STEP

5 YEAR  
WARRANTY

BUY AMERICAN ACT  
Approved

Declare.

## INFORMATION REQUIRED FOR LIGHTING SCHEDULE

1	2	3	4	5	6
PRODUCT	WATTS/ FT	CCT	RATED	LENS	EXTERNAL LOUVER
VERS-05-SW			DRY		

## 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-05-SD-5.0-30-DRY-40D-L1-BK-P1-BW-BW-BK-CL2-CC-BK-48"-E

<b>1</b> <b>PRODUCT</b>  VERS-05-SW  See following pages for compatible power supplies.	<b>2</b> <b>WATTS/FT</b>  2.0 2.0W/ft 4.0 4.0W/ft 6.0 6.0W/ft	<b>3</b> <b>CCT</b>  24 2400K 27 2700K 30 3000K 35 3500K 40 4000K	<b>4</b> <b>RATED</b>  DRY IP20	<b>5</b> <b>LENS</b>  40D Optical 40° 50D Optical 50°  For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages.	<b>6</b> <b>EXTERNAL LOUVER</b>  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.
<b>7</b> <b>WIRE INPUT/OUTPUT</b>  SINGLE (Input only) S1 End Feed S2 Bottom Feed S3 Left Side Feed S4 Right Side Feed  When using TBC Mounting, a bare wire S2 wire feed is recommended. See install instructions for details.	<b>8</b> <b>CONNECTOR/WIRE IN</b>  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)	<b>9</b> <b>CONNECTOR/WIRE OUT</b>  CLS Closed End (No feed)	<b>10</b> <b>WIRE COLOR</b>  WH White BK Black		
<b>11</b> <b>WIRE TYPE</b>  CL2 Class 2 CL2P Plenum Rated  CL2P only available with bare wire leads (BW)	<b>12</b> <b>MOUNTING</b>  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	<b>13</b> <b>FINISH</b>  ST Satin BK Black BZ Bronze WH White CU Custom	<b>14</b> <b>LENGTH (IN)</b>  Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12".	<b>15</b> <b>EXACT/OPTIMAL</b>  O Optimal Illumination E Exact Specified Length  Exact fixtures match the exact length you specify, but they may have glow 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.	

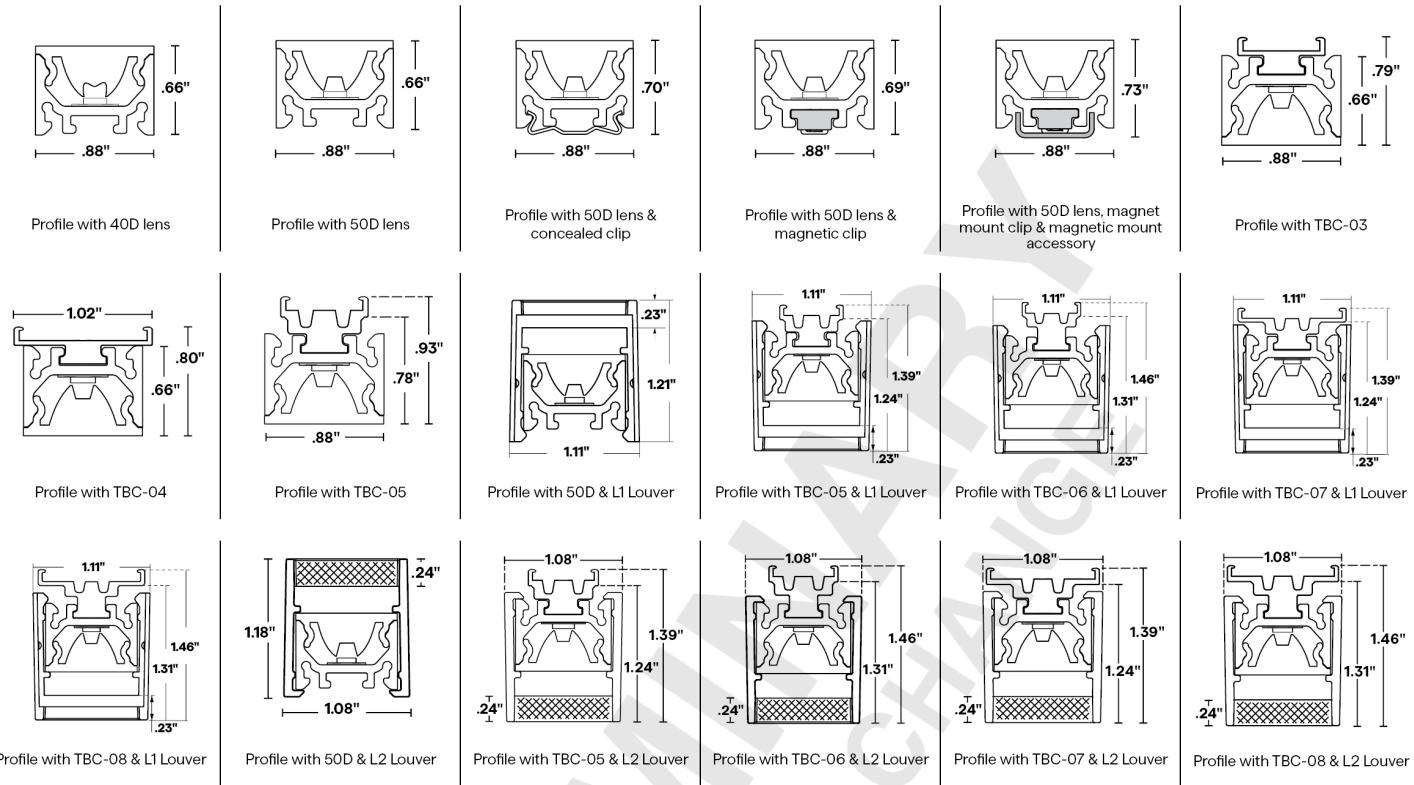
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance | Suitable for installation in the storage area of a clothes closet when using wattage of 4.0W/ft or less



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24VDC Linear Fixtures - Surface & Recessed

## 1 PRODUCT - DIMENSIONS



## 2 DELIVERED LUMENS

[Calculated L70 = 70000 hrs, L70 = 66000 hrs for HE]

Tested with VERS-05-SW-\*\*-30-DRY

	1.5 W/FT		1.5HE W/FT		3.0 W/FT		3.0HE W/FT		4.0 W/FT		5.0 W/FT		6.0HE W/FT		9.0HE W/FT	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
40D	155	98	195	98	271	98	342	97	338	98	402	98	624	98	855	98
50D	162	98	207	98	283	98	392	97	358	98	430	98	708	98	1045	98



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## 5 DIODE VISIBILITY



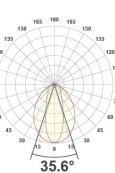
Optical lens

## PHOTOMETRIC PERFORMANCE

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

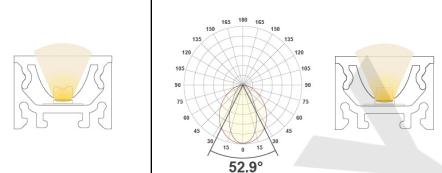
5W/ft

40D lens



5W/ft

50D lens

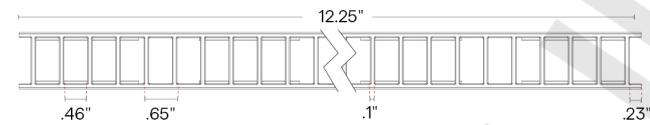


## TEMPERATURE RATINGS

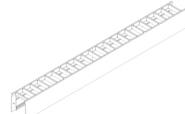
		15 W/FT		1.5 HE W/FT		3.0 W/FT		3.0 HE W/FT		4.0 W/FT		5.0 W/FT		6.0 HE W/FT		9.0 HE W/FT	
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
DRY	Ambient Operating Temp - Surface	-4°F	140°F	-4°F	145°F	-4°F	130°F	-4°F	135°F	-4°F	125°F	-4°F	120°F	-4°F	120°F	-4°F	100°F

## 6 EXTERNAL LOUVER

### PLASTIC

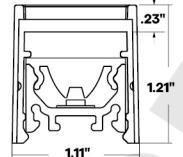


L1-XX



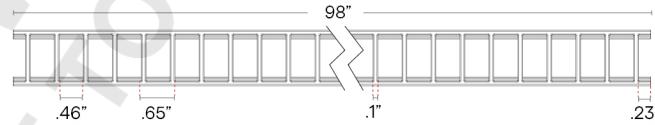
Lumen Multiplier  
WH BK

0.71 0.48

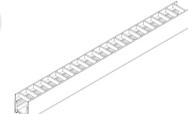


Profile with plastic louver

### METAL

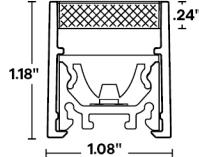


L2-XX



Lumen Multiplier  
WH BK ST

0.72 0.53 0.68



Profile with metal louver

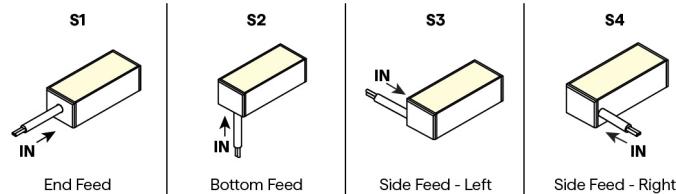


# VERS-OPTICS (05) STATIC WHITE STANDARD

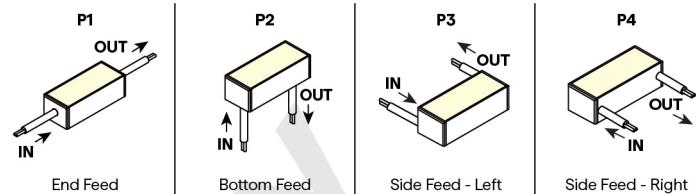
24VDC Linear Fixtures - Surface & Recessed

## 7 WIRE INPUT/OUTPUT

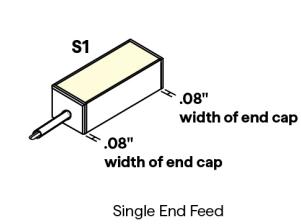
SINGLE (Input only)



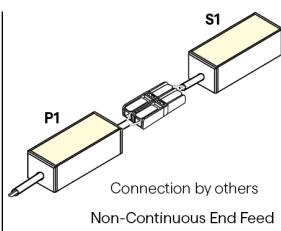
PASS THROUGH (Input/Output)



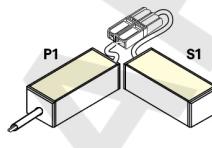
## CONFIGURATION OPTIONS



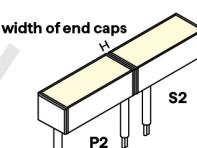
Single End Feed



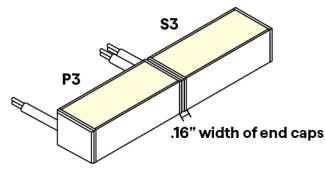
Connection by others  
Non-Continuous End Feed



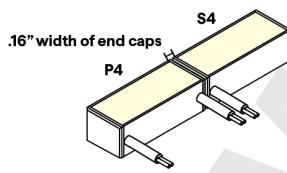
Connection by others  
Non-Continuous Corner Feed



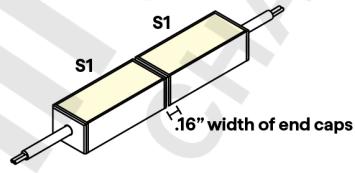
Continuous Bottom Feed



Continuous Side Feed - Left



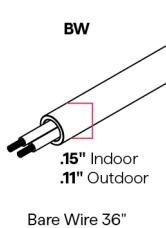
Continuous Side Feed - Right



Continuous End to End Feed

## 8 / 9 CONNECTOR/WIRE – IN/OUT

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



Bare Wire 36"  
Stranded 22 AWG



## 10 WIRE COLOR



White

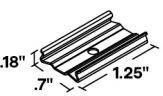
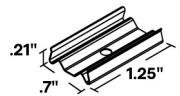
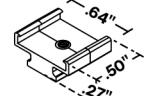
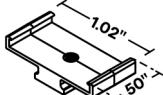
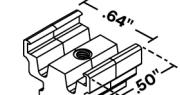
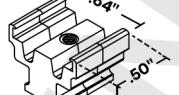
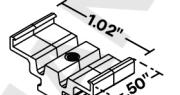
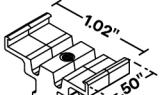
Black



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## 12 MOUNTING

 <p><b>CC (CC-01)</b></p> <p><b>Concealed Clip</b></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</p> <p>Each clips comes with a #4 x 5/8" Flat Head screw.</p>	 <p><b>CC (CC-02)</b></p> <p><b>Louver Concealed Clip</b> 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</p> <p>Each clips comes with a #4 x 5/8" Flat Head screw.</p>	 <p><b>MG</b></p> <p><b>Magnet Clip</b></p> <p>One MG provided per foot</p> <p>To order separately use MG-02</p>	 <p><b>MMA-02</b></p> <p><b>Magnet Mount Accessory for MG-02</b></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><b>Plastic T-Bar Clip</b></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</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>
 <p><b>TBC-04</b></p> <p><b>Plastic T-Bar Clip</b></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</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><b>Plastic T-Bar Clip</b></p> <p>Use on 9/16" Tegular Drop Ceiling or with Louver on 9/16" Flat Drop Ceiling</p> <p>2 clips provided for first 12"; 1 clip provided for each additional 12" or less length</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><b>Plastic T-Bar Clip</b></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</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><b>Plastic T-Bar Clip</b></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</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><b>Plastic T-Bar Clip</b></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</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>

## 13 FINISH



Satin

Black

Bronze

White

Custom color available



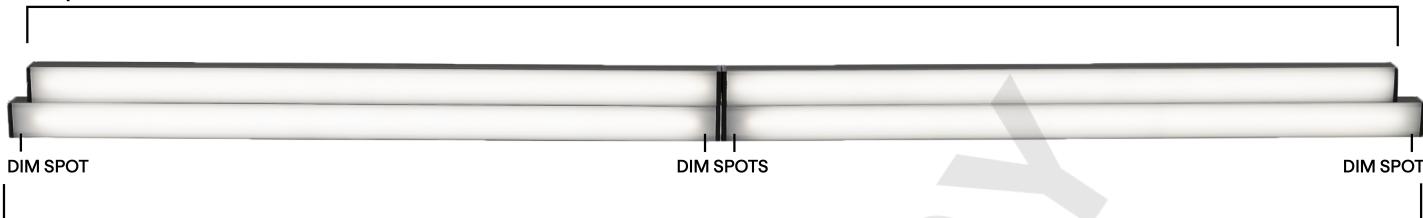
# VERS-OPTICS (05) STATIC WHITE STANDARD

24VDC Linear Fixtures - Surface & Recessed

## 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

## SW 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"	.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 & S2 End Feed	S2 Bottom Feed	P1 & P2 End Feed	P2 Bottom Feed	S3 & S4 Side Feed - Left	S4 Side Feed - Right	P3 & P4 Side Feed - Left	P4 Side Feed - Right
12"	11.49"		11.74"		11.34"		11.44"	
13"	12.49"		12.74"		12.34"		12.44"	
14"	13.49"		13.74"		13.34"		13.44"	
15"	14.49"		14.74"		14.34"		14.44"	
16"	15.49"		15.74"		15.34"		15.44"	
17"	16.49"		16.74"		16.34"		16.44"	
18"	17.49"		17.74"		17.34"		17.44"	
19"	18.49"		18.74"		18.34"		18.44"	
20"	19.49"		19.74"		19.34"		19.44"	
21"	20.49"		20.74"		20.34"		20.44"	
22"	21.49"		21.74"		21.34"		21.44"	
23"	22.49"		22.74"		22.34"		22.44"	
24"	23.49"		23.74"		23.34"		23.44"	
36"	35.49"		35.74"		35.34"		35.44"	
48"	47.49"		47.74"		47.34"		47.44"	
60"	59.49"		59.74"		59.34"		59.44"	
72"	71.49"		71.74"		71.34"		71.44"	
84"	83.49"		83.74"		83.34"		83.44"	
96"	95.49"		95.74"		95.34"		95.44"	



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24VDC Linear Fixtures - Surface & Recessed

## SW-HE 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	S1 & S2	P1 & P2	S3 & S4	P3 & P4	
12"	S1 IN End Feed	S2 IN Bottom Feed	P1 OUT End Feed	P2 OUT Bottom Feed	
13"	10.69"	12.84"	12.59"	12.69"	
14"	12.69"	12.84"	12.59"	12.69"	
15"	14.69"	14.84"	14.59"	14.69"	
16"	14.69	14.84"	14.59"	14.69"	
17"	16.69"	16.84"	16.59"	16.69"	
18"	16.69"	16.84"	16.59"	16.69"	
19"	18.69"	18.84"	18.59"	18.69"	
20"	18.69"	18.84"	18.59"	18.69"	
21"	20.69"	20.84"	20.59"	20.69"	
22"	20.69"	20.84"	20.59"	20.69"	
23"	22.69"	22.84"	22.59"	22.69"	
24"	22.69"	22.84"	22.59"	22.69"	
36"	34.69"	34.84"	34.59"	34.69"	
48"	46.69"	46.84"	46.59"	46.69"	
60"	58.69"	58.84"	58.59"	58.69"	
72"	70.69"	70.84"	70.59"	70.69"	
84"	82.69"	82.84"	82.59"	82.69"	
96"	94.69"	94.84"	94.59"	94.69"	

## COMPATIBLE POWER SUPPLIES

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

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



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24VDC Linear Fixtures - Surface & Recessed

DIMMING PROTOCOL	INDOOR	
	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
Phase	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH iQ-PH+QD1	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH iQ-PH+QD1
0-10V	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP
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
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
SCENE App Dimmed	Non-Dim Power Supply with SW App Dongle	Non-Dim Power Supply with SW App Dongle

## COMPATIBLE MOUNTING ACCESSORIES

<b>HINGE - HMB-M</b> 1.41" x .71"	<b>HINGE - HMB-L</b> 1.46" x 1.29"	<b>HINGE - HMB-XL</b> 1.46" x 4"	<b>Q-PIVOT</b> .75" x 1.03"	<b>Q-ANGLE</b> 1.38" x 2.23"	<b>NJ-LARGE</b> 	<b>NU-LARGE</b> 	<b>SD-J-LARGE</b> 	<b>BL-LARGE</b> 	<b>NL-LARGE</b> 
Adjustable mounting bracket - Medium	Adjustable mounting bracket - Large	Adjustable mounting bracket - XLarge	Small mounting accessory	Adjustable mounting accessory	J Mounting Bracket	U Mounting Bracket	J Mounting Bracket	Backwards L Mounting Bracket	L Mounting Bracket

**SD-L-LARGE**



L Mounting Bracket



# VERS-OPTICS (05) STATIC WHITE STANDARD

24VDC Linear Fixtures - Surface & Recessed

## COMPATIBLE WIRING ACCESSORIES



## COMPATIBLE CONTROL ACCESSORIES

### SCENE APP DONGLE



Wi-Fi or Bluetooth  
Connectivity

## COMPATIBLE APPS

### NFC APP



Read and write  
DMX addresses and  
adjust voltage

PRELIMINARY  
SUBJECT TO CHANGE