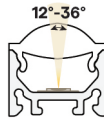




# VERS-GRAZER (04) FOR TUNABLE APPLICATIONS

## 24VDC Linear Fixtures - Surface & Recessed



- Optically enhanced VERSatile fixture with narrow grazing properties ranging from 12° to 36°
- The high-quality lens features a proprietary diffusing agent for superior beam control and clean edges
- 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
- 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-04-DW-2.5HE-20/30-DRY-GZR-L1-BK-P1-BW-BW-BK-CL2-CC-BK-48"-E**

<div>1</div> <div>PRODUCT</div> <div><div>VERS-04-DW</div><div>VERS-04-DW-USA</div><div>Select USA option for BAA and BABA projects. Only DRY, PENC, or WET ratings apply.</div><div>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.</div></div>	<div>2</div> <div>WATTS/FT</div> <div><div><div>1.5HE</div><div>1.5W/ft HE</div></div><div><div>2.5HE</div><div>2.5W/ft HE</div></div><div><div>4.0HE</div><div>4.0W/ft HE</div></div></div> <div><div>1.5HE</div><div>1.5W/ft HE</div></div> <div><div>2.5HE</div><div>2.5W/ft HE</div></div> <div><div>1.5HE</div><div>1.5W/ft HE</div></div> <div><div>2.5HE</div><div>2.5W/ft HE</div></div>	<div>3</div> <div>CCT</div> <div><div><div>18/30</div><div>1800K/3000K</div></div><div><div>18/35</div><div>1800K/3500K</div></div><div><div>20/27</div><div>2000K/2700K</div></div><div><div>20/30</div><div>2000K/3000K</div></div><div><div>24/40</div><div>2400K/4000K</div></div><div><div>27/40</div><div>2700K/4000K</div></div><div><div>27/55</div><div>2700K/5500K</div></div></div> <div><div><div>22/30</div><div>2200K/3000K</div></div><div><div>22/35</div><div>2200K/3500K</div></div><div><div>24/30</div><div>2400K/3000K</div></div><div><div>24/40</div><div>2400K/4000K</div></div><div><div>27/40</div><div>2700K/4000K</div></div></div> <div><div><div>18/30</div><div>1800K/3000K</div></div><div><div>18/35</div><div>1800K/3500K</div></div><div><div>20/27</div><div>2000K/2700K</div></div><div><div>20/30</div><div>2000K/3000K</div></div><div><div>24/40</div><div>2400K/4000K</div></div><div><div>27/40</div><div>2700K/4000K</div></div><div><div>27/55</div><div>2700K/5500K</div></div></div>	<div>4</div> <div>RATED</div> <div><div><div>DRY</div><div>IP20</div></div><div><div>DMP</div><div>IP54</div></div><div><div>PENC</div><div>IP67</div></div><div><div>WET</div><div>IP67</div></div></div> <div><div>PENC-partially encapsulated; N/A for TBC clips</div></div>	<div>5</div> <div>LENS</div> <div><div><div>25D</div><div>Optical 25°</div></div><div><div>GZR</div><div>Grazer</div></div><div>For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages</div></div>	<div>6</div> <div>EXTERNAL LOUVER</div> <div><div><div>L1-WH</div><div>White Plastic</div></div><div><div>L1-BK</div><div>Black Plastic</div></div><div><div>L2-ST</div><div>Satin Anodized Aluminum</div></div><div><div>L2-BK</div><div>Black Anodized Aluminum</div></div><div><div>L2-WH</div><div>White Powder Coated Aluminum</div></div><div><div>N/A</div><div>No Louver</div></div></div> <div><div>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.</div></div>
<div>7</div> <div>WIRE INPUT/OUTPUT</div> <div><div><div>SINGLE (Input only)</div><div><div>S1</div><div>End Feed</div></div><div><div>S2</div><div>Bottom Feed</div></div><div><div>S3</div><div>Left Side Feed</div></div><div><div>S4</div><div>Right Side Feed</div></div></div><div><div>PASS THROUGH (Input/output)</div><div><div>P1</div><div>End Feed</div></div><div><div>P2</div><div>Bottom Feed</div></div><div><div>P3</div><div>Left Side Feed</div></div><div><div>P4</div><div>Right Side Feed</div></div></div></div>	<div>8</div> <div>CONNECTOR/WIRE IN</div> <div><div><div>BW</div><div>Bare Wire (Standard 36")</div></div><div><div>CON6</div><div>Connector 6"</div></div><div><div>CON24</div><div>Connector 24"</div></div></div> <div><div><div>BW</div><div>Bare Wire (Standard 36")</div></div><div><div>CON6</div><div>Connector 6"</div></div><div><div>CON24</div><div>Connector 24"</div></div></div>	<div>9</div> <div>CONNECTOR/WIRE OUT</div> <div><div><div>CLS</div><div>Closed End (No feed)</div></div><div><div>BW</div><div>Bare Wire (Standard 36")</div></div><div><div>CON6</div><div>Connector 6"</div></div><div><div>CON24</div><div>Connector 24"</div></div></div>	<div>10</div> <div>WIRE COLOR</div> <div><div><div>WH</div><div>White</div></div><div><div>BK</div><div>Black</div></div></div>		
<div>When using TBC Mounting, a bare wire S2 wire feed is recommended. See install instructions for details.</div>	<div>BW: Standard length is 36". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)</div>	<div>BW: Standard length is 36". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)</div>			
<div>11</div> <div>WIRE TYPE</div> <div><div><div>CL2</div><div>Class 2</div></div><div><div>CL2P</div><div>Plenum Rated</div></div><div>CL2P only available with bare wire leads (BW)</div></div>	<div>12</div> <div>MOUNTING</div> <div><div><div>CC</div><div>Concealed Clip</div></div><div><div>MG</div><div>Magnet</div></div><div><div>TBC-03</div><div>9/16" Flat TB-Grid</div></div><div><div>TBC-04</div><div>15/16" Flat or Tegular TB-Grid</div></div><div><div>TBC-05</div><div>9/16" Tegular TB-Grid or 9/16" Flat TB-Grid, with External Louver</div></div><div><div>TBC-06</div><div>9/16" Tegular TB-Grid, with External Louver</div></div><div><div>TBC-07</div><div>15/16" Flat TB-Grid, with External Louver</div></div><div><div>TBC-08</div><div>15/16" Tegular TB-Grid, with External Louver</div></div></div>	<div>13</div> <div>FINISH</div> <div><div><div>ST</div><div>Satin</div></div><div><div>BK</div><div>Black</div></div><div><div>BZ</div><div>Bronze</div></div><div><div>WH</div><div>White</div></div><div><div>CU</div><div>Custom</div></div><div>White and custom finishes are incompatible with external louvers; custom finishes have</div></div>	<div>14</div> <div>LENGTH (IN)</div> <div><div>Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12".</div></div>	<div>15</div> <div>EXACT/OPTIMAL</div> <div><div><div>O</div><div>Optimal Illumination</div></div><div><div>E</div><div>Exact Specified Length</div></div><div>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.</div></div>	

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)

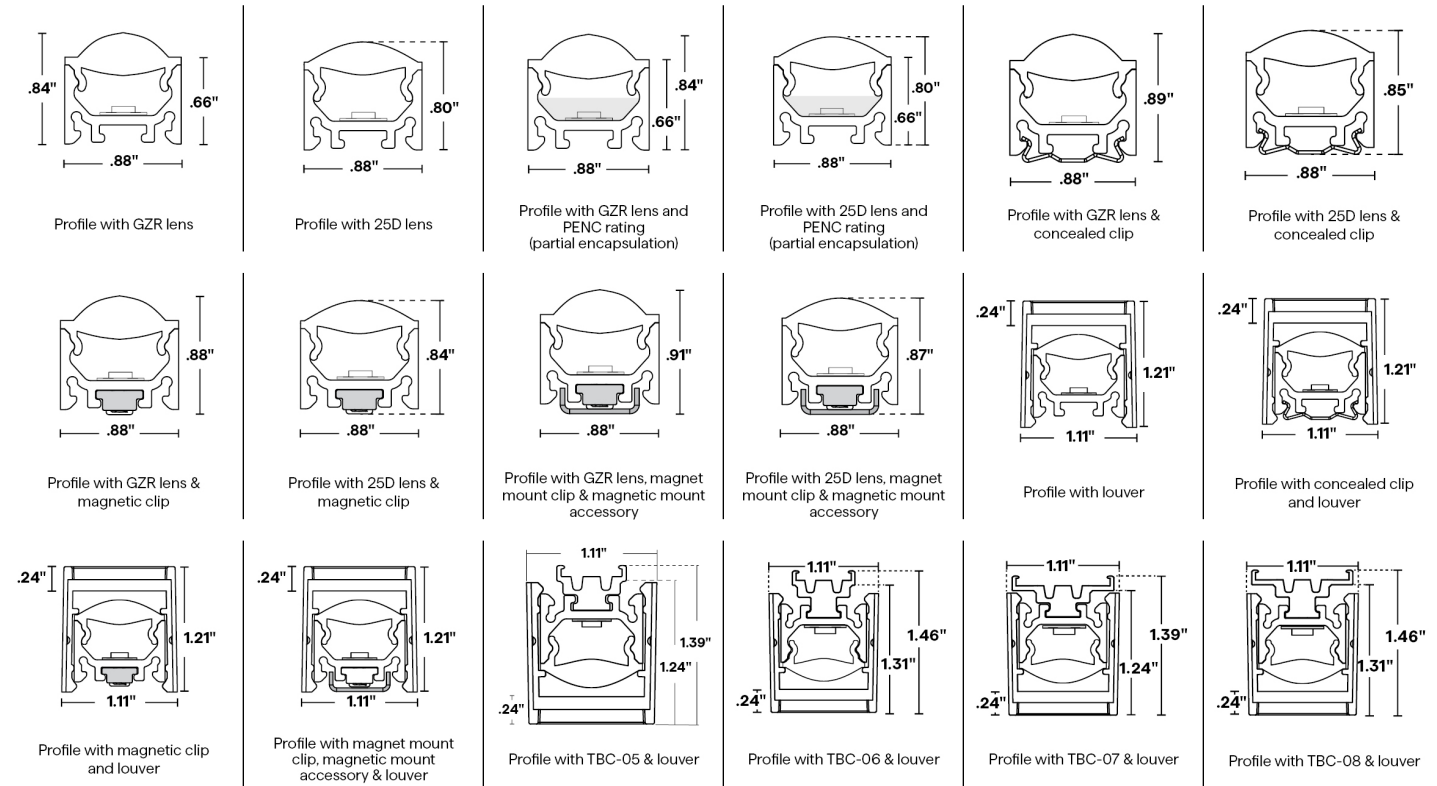
BW: Standard length is 36". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)



# VERS-GRAZER (04) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

## 1 PRODUCT - DIMENSIONS



## 2 DELIVERED LUMENS

[Calculated L70 = 70000 hrs]  
Tested with VERS-04-DW-\*\*-\*\*-DRY

	1.5HE W/FT		2.5HE W/FT		4.0HE W/FT	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
GZR	169	98	266	98	411	98
25D	162	98	256	98	385	98



# VERS-GRAZER (04) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

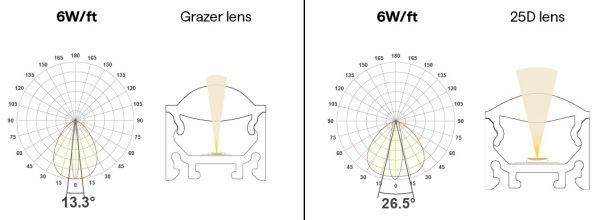
## 5 DIODE VISIBILITY



Optical lens  
GZR - Grazer lens

## PHOTOMETRIC PERFORMANCE

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

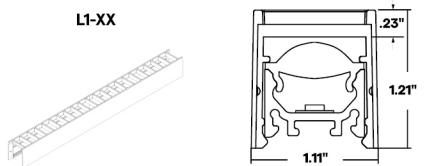
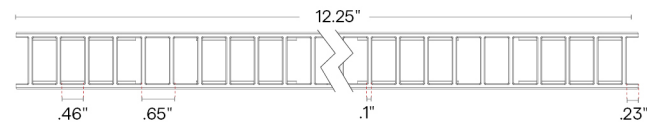


## TEMPERATURE RATINGS

		DW 1.5 HE W/FT				DW 2.5 HE W/FT				DW 4.0 HE 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
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	—	—	—	—
PENC	Ambient Operating Temp - Surface	-4°F	135°F	-4°F	120°F	-4°F	125°F	-4°F	105°F	—	—	—	—

## 6 EXTERNAL LOUVER

PLASTIC

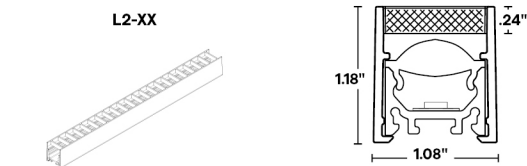
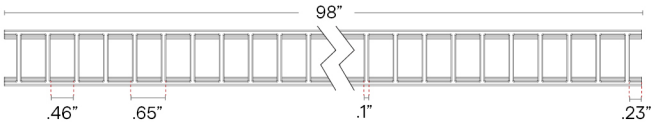


Lumen Multiplier

WH	BK
0.71	0.48

Profile with plastic louver

METAL



Lumen Multiplier

WH	BK	ST
0.72	0.53	0.68

Profile with metal louver

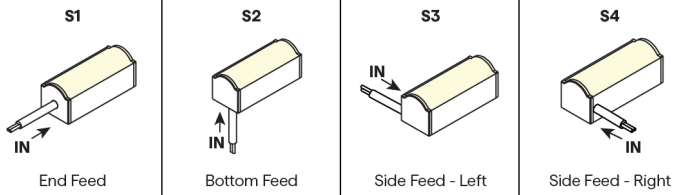


# VERS-GRAZER (04) FOR TUNABLE APPLICATIONS

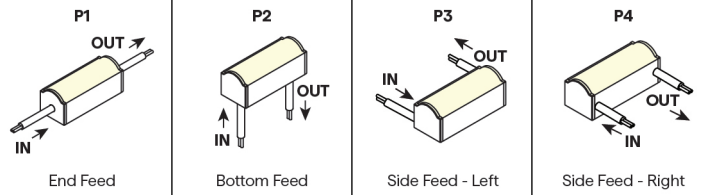
24VDC Linear Fixtures - Surface & Recessed

## 7 WIRE INPUT/OUTPUT

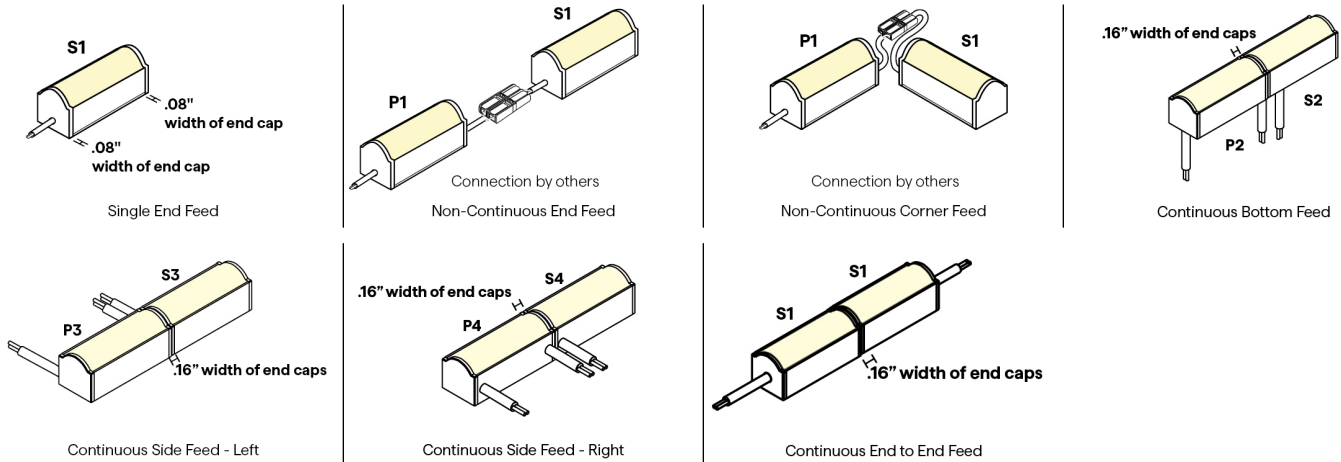
SINGLE (Input only)



PASS THROUGH (Input/Output)

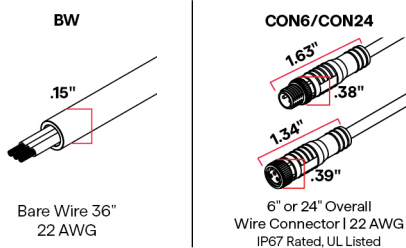


## CONFIGURATION OPTIONS



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

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



## 10 WIRE COLOR



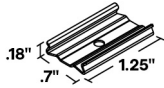


# VERS-GRAZER (04) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

## 12 MOUNTING

**CC**  
(CC-01)



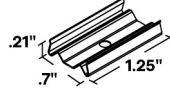
Concealed Clip

2 pieces of hardware provided for 4' or less; 4 pieces of hardware provided for greater than 4'

To order separately use CC-01 (sold in pairs)

Each clips comes with a #4 x 5/8" Flat Head screw.

**CC**  
(CC-02)



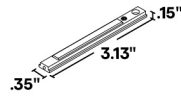
Louver Concealed Clip  
Required if L1 or L2 Louver is selected

2 pieces of hardware provided for 4' or less; 4 pieces of hardware provided for greater than 4'

To order separately use CC-02 (sold in pairs)

Each clips comes with a #4 x 5/8" Flat Head screw.

**MG**

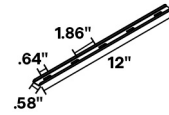


Magnet Clip

One MG provided per foot

To order separately use MG-02

**MMA-02**



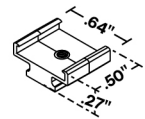
Magnet Mount  
Accessory for MG-02

Sold separately, to order use MMA-02

Each clip comes with a #6 Flat Screw

Required when mounting to a non-magnetic surface

**TBC-03**



Plastic T-Bar Clip

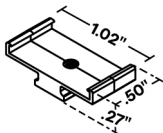
Use on 9/16" Flat Drop Ceiling; not compatible with PENC

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.

To order separately use TBC-03

Each pair of clips comes with M2.5 x 4mm set screw and Allen key

**TBC-04**



Plastic T-Bar Clip

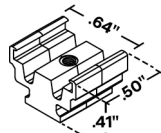
Use on 15/16" Flat or Tegular Drop Ceiling; not compatible with PENC

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.

To order separately use TBC-04

Each pair of clips comes with M2.5 x 4mm set screw and Allen key

**TBC-05**



Plastic T-Bar Clip

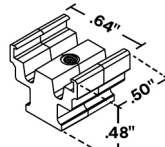
Use on 9/16" Tegular Drop Ceiling or with Louver on 9/16" Flat Drop Ceiling; not compatible with PENC

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.

To order separately use TBC-05

Each pair of clips comes with M2.5 x 4mm set screw and Allen key

**TBC-06**



Plastic T-Bar Clip

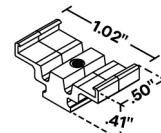
Use with Louver on 9/16" Tegular Drop Ceiling; not compatible with PENC

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.

To order separately use TBC-06

Each pair of clips comes with M2.5 x 4mm set screw and Allen key

**TBC-07**



Plastic T-Bar Clip

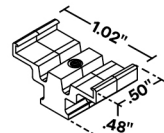
Use with Louver on 15/16" Flat Drop Ceiling; not compatible with PENC

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.

To order separately use TBC-07

Each pair of clips comes with M2.5 x 4mm set screw and Allen key

**TBC-08**



Plastic T-Bar Clip

Use with Louver on 15/16" Tegular Drop Ceiling; not compatible with PENC

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.

To order separately use TBC-08

Each pair of clips comes with M2.5 x 4mm set screw and Allen key

## 13 FINISH



Custom finishes require a longer lead time, consult factory

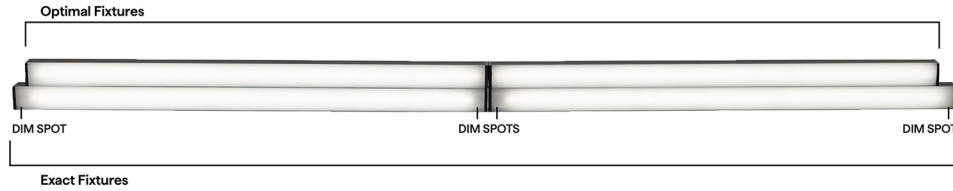


# VERS-GRAZER (04) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

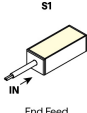
## 15 EXACT/OPTIMAL FIXTURE LENGTH

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.

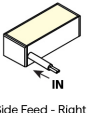


## DW-HE DRY DMP LENGTHS BY INCH

### 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  End Feed		P1 & P2  End Feed		S3 & S4  Side Feed - Left		P3 & P4  Side Feed - Left	
	S2  Bottom Feed		P2  Bottom Feed		S4  Side Feed - Right		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"	

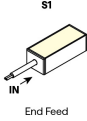


# VERS-GRAZER (04) FOR TUNABLE APPLICATIONS

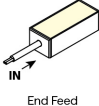
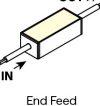
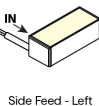
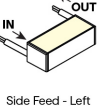
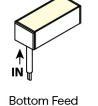
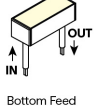
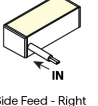
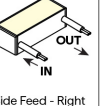
24VDC Linear Fixtures - Surface & Recessed

## DW-HE WET LENGTHS BY INCH

### EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture
	S1 
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  End Feed		P1 & P2  End Feed		S3 & S4  Side Feed - Left		P3 & P4  Side Feed - Left	
	S2  Bottom Feed		P2  Bottom Feed		S4  Side Feed - Right		P4  Side Feed - Right	
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"	

## 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	



# VERS-GRAZER (04) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

DIMMING PROTOCOL	INDOOR	OUTDOOR
	DW-HE Tunable Applications	DW-HE Tunable Applications
O-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	

## COMPATIBLE MOUNTING ACCESSORIES

HINGE - HMB-M

Adjustable mounting bracket - Medium

HINGE - HMB-L

Adjustable mounting bracket - Large

HINGE - HMB-XL

Adjustable mounting bracket - XLarge

Q-PIVOT

Small mounting accessory

Q-ANGLE

Adjustable mounting accessory

NU-GRAZER

U Mounting Bracket

NJ-GRAZER

J Mounting Bracket

BL-GRAZER

Backwards L Mounting Bracket

MMA-02

Magnet Mount Accessory for MG-02

## COMPATIBLE WIRING ACCESSORIES

Q-mini-J5

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

## COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE

Wi-Fi or Bluetooth Connectivity





# VERS-GRAZER (04) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

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## COMPATIBLE APPS

### NFC APP



Read and write  
DMX addresses and  
adjust voltage