VERS-GRAZER (04) RGB
24VDC Linear Fixtures - Surface & Recessed

white optics | c UL us LISTED | RoHS COMPLIANT | EPD ENVIRONMENTAL PRODUCT DECLARATION | 5 YEAR WARRANTY | Declare.

Red List Approved

12°-36°
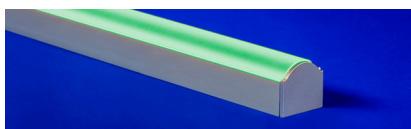
- Optically enhanced VERSatile fixture with narrow grazing properties ranging from 12° to 36°
- The high-quality lens features a proprietary diffusing agent for superior beam control and clean edges
- Features integrated metal endcaps
- Mounting options include a concealed clip
- With an internal White 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 PRODUCT	2 WATTS/ FT	3 CCT	4 RATED	5 LENS	6 EXTERNAL LOUVER
VERS-04-RGB	6.0	RGB			

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-04-RGB-6.0-RGB-DRY-GZR-L1-BK-P1-BW-BW-BK-CL2-CC-BK-48"-E**

1 PRODUCT
VERS-04-RGB

See following pages for compatible power supplies.

2 WATTS/FT
6.0   6.0W/ft

3 CCT
RGB

4 RATED
DRY   IP20
DMP   IP54
PENC   IP67
WET   IP67

PENC-partially encapsulated; N/A for TBC clips

Can be suitable for exterior use, contact factory for more information

5 LENS
25D   Optical 25°
GZR   Grazer

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
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.

7 WIRE INPUT/OUTPUT
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.

PASS THROUGH (Input/output)
P1   End Feed
P2   Bottom Feed
P3   Left Side Feed
P4   Right Side Feed

Pass Through options are not available for PENC rating
When using TBC Mounting, a bare wire P2 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)

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)

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)

10 WIRE COLOR
WH   White
BK   Black

11 WIRE TYPE
CL2   Class 2
CL2P   Plenum Rated

CL2P only available with bare wire leads (BW)

12 MOUNTING
CC   Concealed Clip
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

13 FINISH
ST   Satin
BK   Black
BZ   Bronze
WH   White
CU   Custom

White and custom painted finishes are not compatible with external louvers.
Custom finishes require a longer lead time, consult factory.

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.

VERS-GRAZER (04) RGB
24VDC Linear Fixtures - Surface & Recessed

1 PRODUCT - DIMENSIONS

.84" .66" .88"	.80" .88"	.89" .88"	.85" .88"	.84" .97" .88"	.94" .80" .88"
Profile with GZR lens	Profile with 25D lens	Profile with GZR lens & concealed clip	Profile with 25D lens, concealed clip & end cap	Profile with GRZ lens & TBC-03	Profile with 25D lens & TBC-03
1.02" .84" .97"	1.02" .94" .81"	.96" 1.11" .88"	1.07" .93" .88"	1.11" 1.39" 1.24" .23"	1.11" 1.46" 1.31" .23"
Profile with GRZ lens & TBC-04	Profile with 25D lens & TBC-04	Profile with GRZ lens & TBC-05	Profile with 25D lens & TBC-05	Profile with GRZ lens TBC-05 & L1 Louver	Profile with GRZ lens TBC-06 & L1 Louver
1.11" 1.39" 1.24" .23"	1.11" 1.46" 1.31" .23"	1.08" 1.39" 1.24" .24"	1.08" 1.46" 1.31" .24"	1.08" 1.39" 1.24" .24"	1.08" 1.46" 1.31" .24"
Profile with GRZ lens TBC-07 & L1 Louver	Profile with GRZ lens TBC-08 & L1 Louver	Profile with GRZ lens, TBC-05, & L2 Louver	Profile with GRZ lens, TBC-06, & L2 Louver	Profile with GZR lens, TBC-07, & L2 Louver	Profile with GRZ lens, TBC-08, & L2 Louver

2 DELIVERED LUMENS

[Calculated L70 = 52000 hrs]
Tested with VERS-04-RGB-6.0-RGB-DRY

	Red		Green		Blue		All
	LM/FT	Wavelength	LM/FT	Wavelength	LM/FT	Wavelength	LM/FT
GZR	95	632	189	523	50	470	303
25D	79	632	175	521	45	469	281

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.

6W/ft | Green   Grazer lens
17.2°
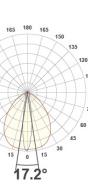
6W/ft | Green   25D lens
31.4°
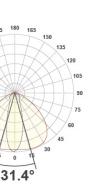
TEMPERATURE RATINGS

		6.0 W/FT	
		Min	Max
DRY	Ambient Operating Temp - Surface	-13°F	105°F
DMP	Ambient Operating Temp - Surface	-13°F	100°F
WET	Ambient Operating Temp - Surface	-13°F	100°F
PENC	Ambient Operating Temp - Surface	-13°F	85°F

⑥ EXTERNAL LOUVER

PLASTIC

12.25"

.46"   .65"   .1"   .23"

L1-XX

.23"
1.21"
1.11"

Profile with plastic louver
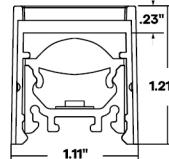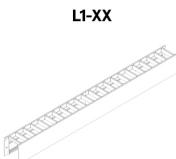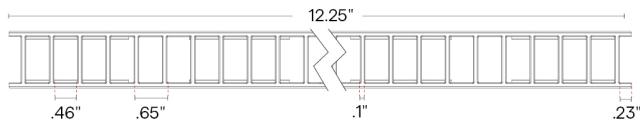
Lumen Multiplier

WH	BK
0.71	0.48

METAL

98"

.46"   .65"   .1"   .23"

L2-XX

.24"
1.18"
1.08"

Profile with metal louver
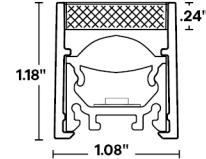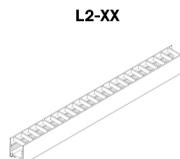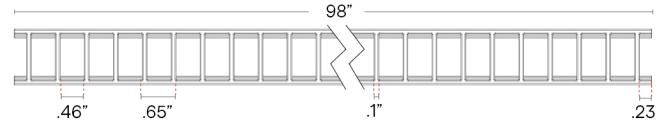
Lumen Multiplier

WH	BK	ST
0.72	0.53	0.68

7 WIRE INPUT/OUTPUT

SINGLE (Input only)

S1	S2	S3	S4
IN	IN	IN	IN
End Feed	Bottom Feed	Side Feed - Left	Side Feed - Right

PASS THROUGH (Input/Output)
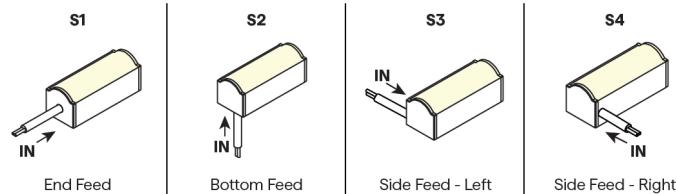
P1	P2	P3	P4
OUT / IN	OUT / IN	IN / OUT	OUT / IN
End Feed	Bottom Feed	Side Feed - Left	Side Feed - Right
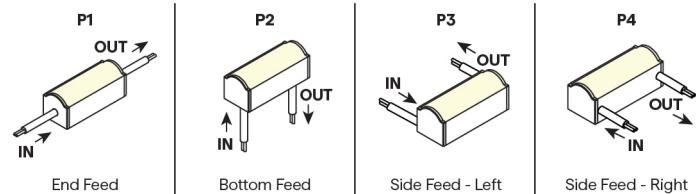
CONFIGURATION OPTIONS

S1

.08" width of end cap
.08" width of end cap

Single End Feed

P1 — S1

Connection by others
Non-Continuous End Feed

P1 — S1
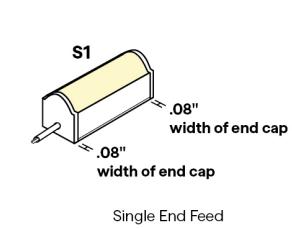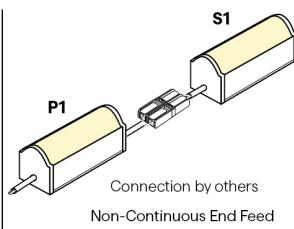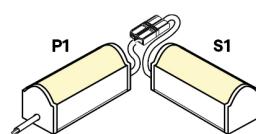
Connection by others
Non-Continuous Corner Feed

.16" width of end caps

S2

P2
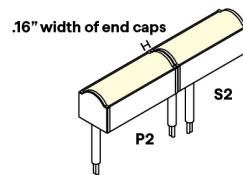
Continuous Bottom Feed

S3 / P3

.16" width of end caps
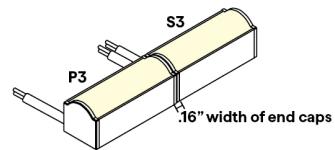
Continuous Side Feed - Left

.16" width of end caps

S4 / P4
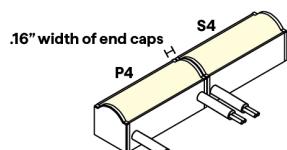
Continuous Side Feed - Right

S1 / S1

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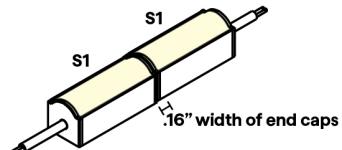
Continuous End to End Feed

8 / 9 CONNECTOR/WIRE – IN/OUT

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

BW

.15"

Bare Wire 36"
22 AWG

CON6/CON24

1.65"
.57"
1.61"
.57"

6" or 24" Overall
Wire Connector | 24 AWG
IP67 Rated, UL Listed

10 WIRE COLOR

⬜	White
⬛	Black
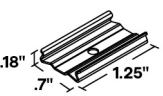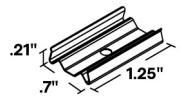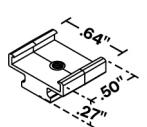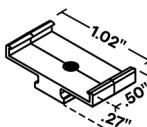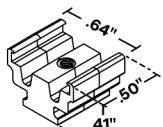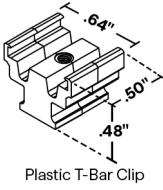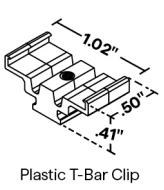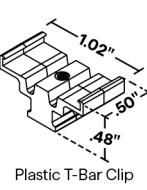
12 MOUNTING

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

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

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

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

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

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

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

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

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

To order separately use TBC-08

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

13 FINISH

- Satin
- Black
- Bronze
- White

Custom color available

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

DIM SPOT   DIM SPOTS   DIM SPOT
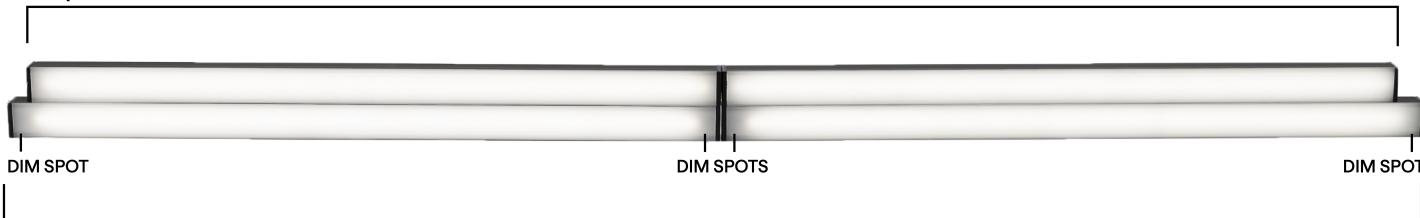
Exact Fixtures

RGB DRY, DMP, PENC 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
	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"

VERS-GRAZER (04) RGB
24VDC Linear Fixtures - Surface & Recessed

RGB WET 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 — S1 End Feed	S1 & S2 — S2 Bottom Feed	P1 & P2 — P1 End Feed	P1 & P2 — P2 Bottom Feed	S3 & S4 — S3 Side Feed - Left	S3 & S4 — S4 Side Feed - Right	P3 & P4 — P3 Side Feed - Left	P3 & P4 — 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 RGB	OUTDOOR RGB
0.1%	QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DMX QTM-eLED+DALI-DT8 QTM-eLED+DMX QZ-DMX	Q-SET-QZ-DMX QOM-eLED+DALI-DT8 QOM-eLED+DMX QOM-eLED+PS-DALI-DT8 QZ-DMX
1%	QZ-DALI-DT8	Q-SET+QZ-DALI-DT8
10%	Non-Dim Power Supply with RGB App Dongle	

| DIMMING PROTOCOL	INDOOR RGB	OUTDOOR RGB
DMX	QTM-eLED+DMX QZ-DMX	Q-SET-QZ-DMX QOM-eLED+DMX QZ-DMX
DALI-2: DT8	QT-CAB-eLED+DALI-DT8 QTM-eLED+DALI-DT8 QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QOM-eLED+DALI-DT8
SCENE App Dimmed	Non-Dim Power Supply with RGB App Dongle	

COMPATIBLE MOUNTING ACCESSORIES

HINGE - HMB-M	HINGE - HMB-L	HINGE - HMB-XL	Q-PIVOT	Q-ANGLE	NU-GRAZER	NJ-GRAZER	BL-GRAZER
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	U Mounting Bracket	J Mounting Bracket	Backwards L Mounting Bracket

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
BY QTL

Read and write DMX addresses and adjust voltage