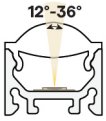
VERS-GRAZER (04) FOR WARM DIM APPLICATIONS

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
- Durable anodized aluminum housings with integrated metal endcaps
- With an internal White Optics coating, the fixture achieves greater lumen output
- 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

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-WD-6.0-19/30-DRY-GZR-L1-BK-P1-BW-BW-BK-CL2-CC-BK-48”-E**

1 PRODUCT

VERS-04-DW
VERS-04-DW-USA

Select USA option for BAA and BABA projects. Only DRY, PENC, 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.

VERS-04-WD

LED engine is built with 2 wires suitable for phase dimming control.
See following pages for compatible power supplies.

2 WATTS/FT

1.5HE 1.5W/ft HE
2.5HE 2.5W/ft HE
4.0HE 4.0W/ft HE

1.5HE 1.5W/ft HE
2.5HE 2.5W/ft HE

1.5HE 1.5W/ft HE
2.5HE 2.5W/ft HE

6.0 6.0W/ft

3 CCT

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

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

22/30 2200K/3000K
22/35 2200K/3500K
27/40 2700K/4000K
24/40 2400K/4000K

19/27 1900K/2700K
19/30 1900K/3000K

4 RATED

DRY IP20

DMP IP54
WET IP67

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

PENC IP67

DRY IP20
DMP IP54
WET IP67

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

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 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
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

13 FINISH

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.

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 are the exact length specified +0 -1/8”. Optimal fixtures’ length is rounded down with illumination end to end. See Exact/Optimal Fixture Length charts.

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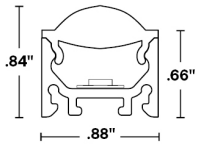
Specification subject to change. Rev-09-25-26

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

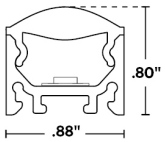
VERS-GRAZER (04) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

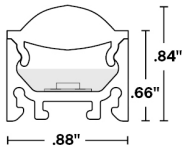
1 PRODUCT - DIMENSIONS



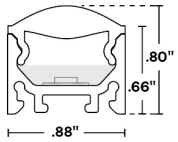
Profile with GZR lens



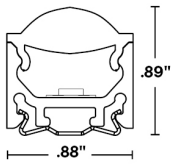
Profile with 25D lens



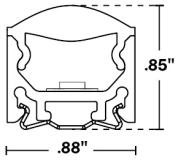
Profile with GZR lens and PENC rating (partial encapsulation)



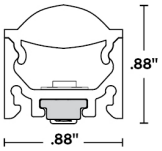
Profile with 25D lens and PENC rating (partial encapsulation)



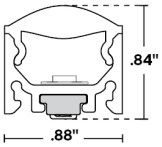
Profile with GZR lens & concealed clip



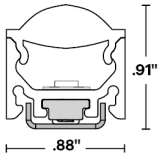
Profile with 25D lens & concealed clip



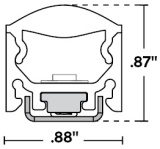
Profile with GZR lens & magnetic clip



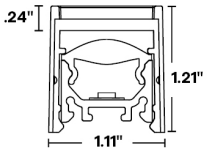
Profile with 25D lens & magnetic clip



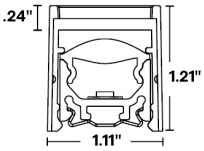
Profile with GZR lens, magnet mount clip & magnetic mount accessory



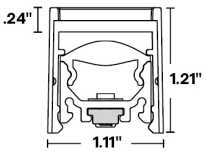
Profile with 25D lens, magnet mount clip & magnetic mount accessory



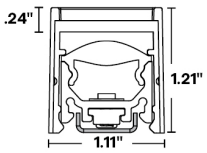
Profile with louver



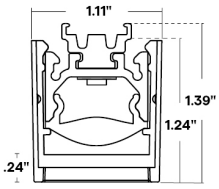
Profile with concealed clip and louver



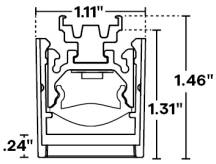
Profile with magnetic clip and louver



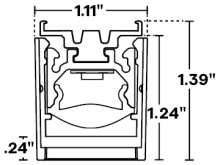
Profile with magnet mount clip, magnetic mount accessory & louver



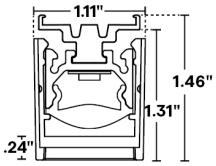
Profile with TBC-05 & louver



Profile with TBC-06 & louver



Profile with TBC-07 & louver



Profile with TBC-08 & louver

2 DELIVERED LUMENS

[Calculated L70 = 70000 hrs]
Tested with VERS-04-DW-**-30-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

[Calculated L70 = 70000 hrs]
Tested with VERS-04-WD-**-30-DRY

	6.0 W/FT	
	LM/FT	CRI
GZR	502	97
25D	485	97

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VERS-GRAZER (04) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

5 DIODE VISIBILITY



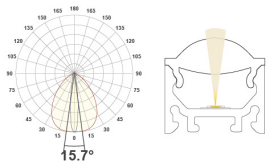
Optical lens

GZR - Grazer lens

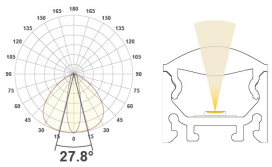
PHOTOMETRIC PERFORMANCE

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

6W/ft Grazer lens



6W/ft 25D lens

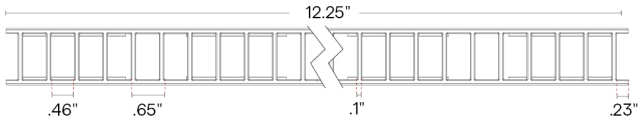


TEMPERATURE RATINGS

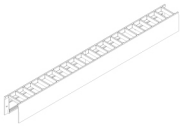
		DW 1.5 HE W/FT		DW 3.0 HE W/FT		DW 2.5 HE W/FT		DW 5.0 HE W/FT		DW 4.0 HE W/FT		DW 8.0 HE W/FT			
		QTL power supply other than DALI, DMX		DALI, DMX, or non-QTL power supply		QTL power supply other than DALI, DMX		DALI, DMX, or non-QTL power supply		QTL power supply other than DALI, DMX		DALI, DMX, or non-QTL power supply		WD 6.0 W/FT	
		Min	Max	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	-4°F	115°F
DMP	Ambient Operating Temp - Surface	-4°F	145°F	-4°F	135°F	-4°F	135°F	-4°F	120°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	—	—	—	—	-4°F	110°F
PENC	Ambient Operating Temp - Surface	-4°F	135°F	-4°F	120°F	-4°F	125°F	-4°F	105°F	—	—	—	—	—	—

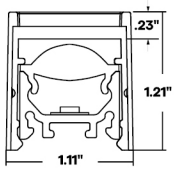
6 EXTERNAL LOUVER

PLASTIC



L1-XX



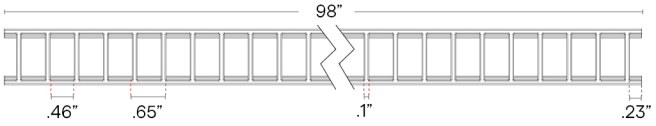


Profile with plastic louver

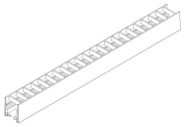
Lumen Multiplier

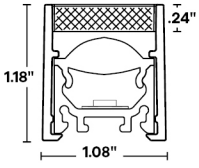
WH	BK
0.71	0.48

METAL



L2-XX





Profile with metal louver

Lumen Multiplier

WH	BK	ST
0.72	0.53	0.68

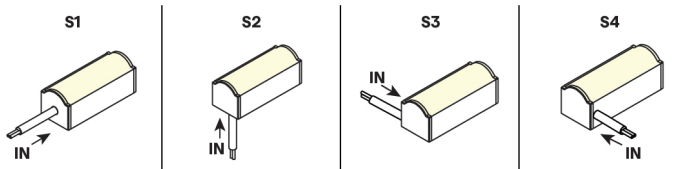
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VERS-GRAZER (04) FOR WARM DIM APPLICATIONS

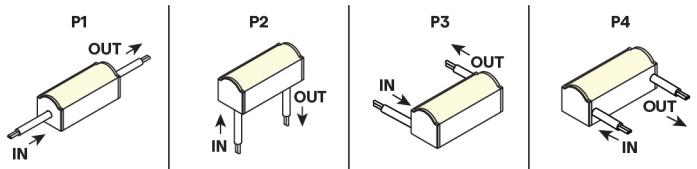
24VDC Linear Fixtures - Surface & Recessed

7 WIRE INPUT/OUTPUT

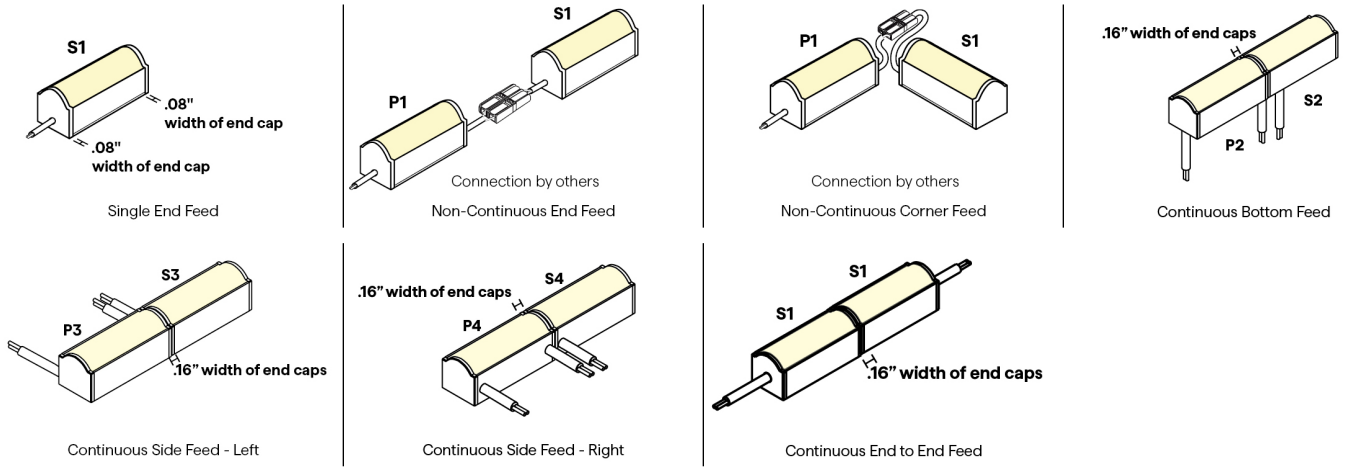
SINGLE (Input only)



PASS THROUGH (Input/Output)

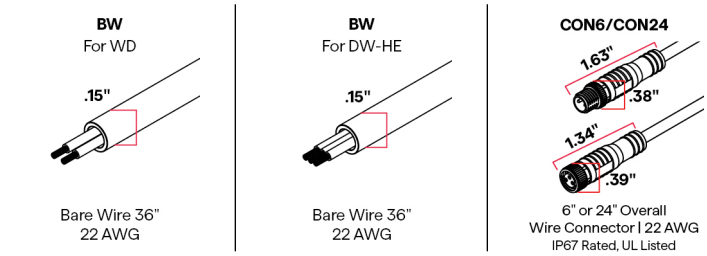


CONFIGURATION OPTIONS



8 / 9 CONNECTOR/WIRE – IN/OUT

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



10 WIRE COLOR



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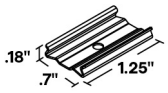
Specification subject to change. Rev-09-25-26

VERS-GRAZER (04) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

12 MOUNTING

CC
(CC-01)



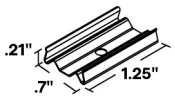
Concealed Clip

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

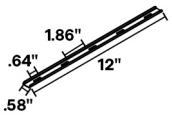


Magnet Clip

One MG provided per foot

To order separately use MG-02

MMA-02



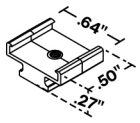
Magnet Mount
Accessory for MG-02

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

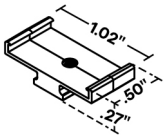
Use on 9/16" Flat Drop Ceiling; not compatible with PENC

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

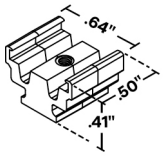
Use on 15/16" Flat or Tegular Drop Ceiling; not compatible with PENC

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

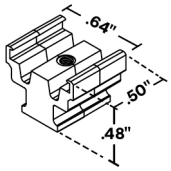
Use on 9/16" Tegular Drop Ceiling or with Louver on 9/16" Flat Drop Ceiling; not compatible with PENC

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

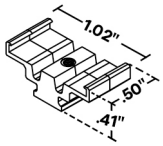
Use with Louver on 9/16" Tegular Drop Ceiling; not compatible with PENC

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

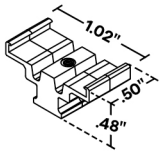
Use with Louver on 15/16" Flat Drop Ceiling; not compatible with PENC

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

- Satin
- Black
- Bronze
- White

White and custom finishes are incompatible with external louvers; custom finishes have longer lead times. Non-RAL 9003 whites custom.

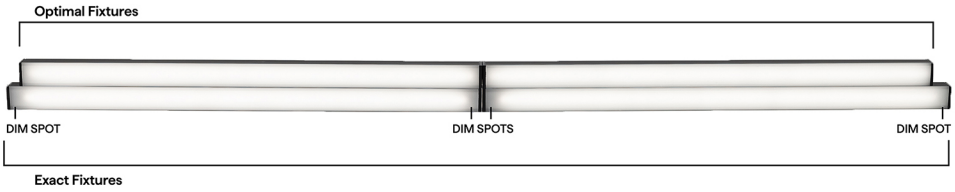
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VERS-GRAZER (04) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

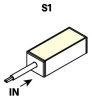
15 EXACT/OPTIMAL FIXTURE LENGTH

Exact fixtures are the exact length specified +0 -1/8". 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.

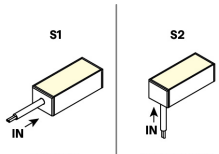
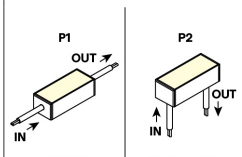
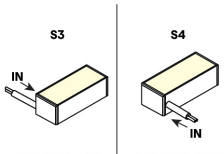
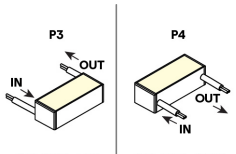


DW-HE DRY DMP LENGTHS BY INCH

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 	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"

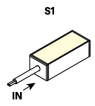
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VERS-GRAZER (04) FOR WARM DIM APPLICATIONS

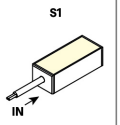
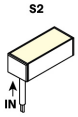
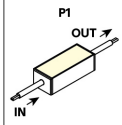
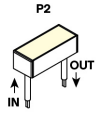
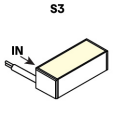
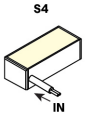
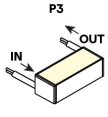
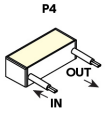
24VDC Linear Fixtures - Surface & Recessed

DW-HE WET LENGTHS BY INCH

EXACT LENGTH

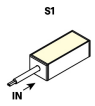
Requested Length	Potential dim spot on either end of a S1 fixture
	 End Feed
12"	1"
13"	0.5"
14"	1"
15"	0.5"
16"	1"
17"	0.5"
18"	1"
19"	0.5"
20"	1"
21"	0.5"
22"	1"
23"	0.5"
24"	1"
36"	1"
48"	1"
60"	1"
72"	1"
84"	1"
96"	1"

OPTIMAL LENGTH

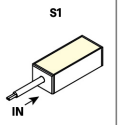
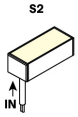
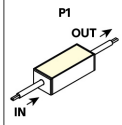
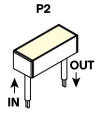
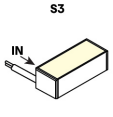
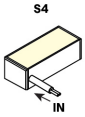
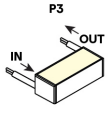
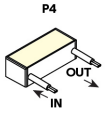
Requested Nominal Length	S1 & S2		P1 & P2		S3 & S4		P3 & P4	
	 End Feed	 Bottom Feed	 End Feed	 Bottom Feed	 Side Feed - Left	 Side Feed - Right	 Side Feed - Left	 Side Feed - Right
12"	10.74"		11.14"		10.64"		10.84"	
13"	12.74"		11.14"		12.64"		12.84"	
14"	12.74"		13.14"		12.64"		12.84"	
15"	14.74"		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"	

WD DRY DMP LENGTHS BY INCH

EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture
	 End Feed
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	
	 End Feed	 Bottom Feed	 End Feed	 Bottom Feed	 Side Feed - Left	 Side Feed - Right	 Side Feed - Left	 Side Feed - Right
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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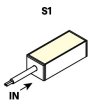
Specification subject to change. Rev-09-25-26

VERS-GRAZER (04) FOR WARM DIM APPLICATIONS

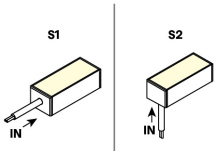
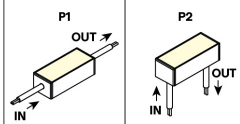
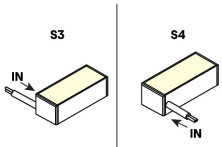
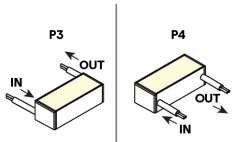
24VDC Linear Fixtures - Surface & Recessed

WD 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  End Feed / Bottom Feed	P1 & P2  End Feed / Bottom Feed	S3 & S4  Side Feed - Left / Side Feed - Right	P3 & P4  Side Feed - Left / Side Feed - Right
12"	10.69"	10.84"	10.59"	10.69"
13"	12.69"	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		OUTDOOR	
	DW-HE Warm Dim Applications	WD	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-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP	Q-SET-QZ-DW QOM-eLED+DALI-DT6 QOM-eLED+DALI-DT6-PS QOM-eLED+DALI-DT8 QOM-eLED+DALI-DT8-PS QOM-eLED+WD QZ-DW	Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QOM-eLED+DALI-DT6 QOM-eLED+DALI-DT6-PS QZ-DMX QZ-PRO-PH/0-10V
1%	QZ-DALI-DT8	QTM-eLED(E) QZ-DALI-DT6	Q-SET+QZ-DALI-DT8 QZ-DALI-DT8	Q-SET+QZ-DALI-DT6 QZ-DALI-DT6
10%	Non-Dim Power Supply with WD App Dongle	Non-Dim Power Supply with SW App Dongle		

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VERS-GRAZER (04) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

DIMMING PROTOCOL	INDOOR		OUTDOOR	
	DW-HE Warm Dim Applications	WD	DW-HE Warm Dim Applications	WD
Phase	QZ-DW	QT-CAB-QZ-PH/0-10V QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP	Q-SET-QZ-DW QZ-DW	Q-SET-QZ-PH/0-10V QZ-PRO-PH/0-10V
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-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP	Q-SET-QZ-DW QOM-eLED+WD QZ-DW	Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QZ-PRO-PH/0-10V
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		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	QOM-eLED+DALI-DT6	Q-SET+QZ-DALI-DT6 QOM-eLED+DALI-DT6 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		Q-SET+QZ-DALI-DT8 QOM-eLED+DALI-DT8 QZ-DALI-DT8	
SCENE App Dimmed	Non-Dim Power Supply with WD App Dongle	Non-Dim Power Supply with SW App Dongle		

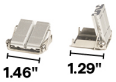
COMPATIBLE MOUNTING ACCESSORIES

HINGE - HMB-M



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



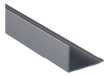
U Mounting Bracket

NJ-GRAZER



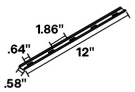
J Mounting Bracket

BL-GRAZER



Backwards L Mounting Bracket

MMA-02



Magnet Mount Accessory for MG-02

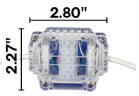
COMPATIBLE WIRING ACCESSORIES

Q-mini-J



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

Q-mini-J5



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

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Specification subject to change. Rev-09-25-26

VERS-GRAZER (04) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE



Wi-Fi or Bluetooth Connectivity

COMPATIBLE APPS

NFC APP



Read and write DMX addresses and adjust voltage

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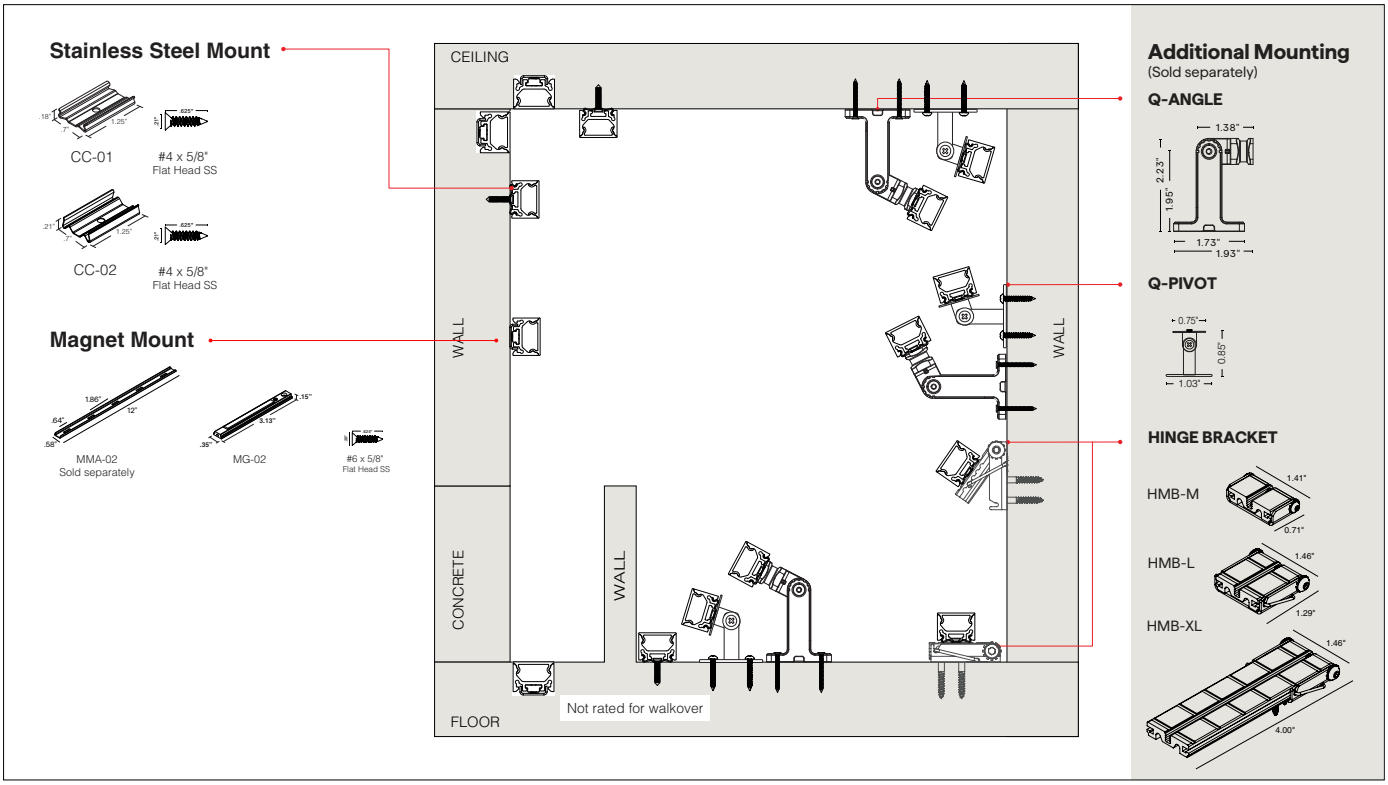
VERS

Linear Fixture Installation Instructions

ATTENTION: Please read all instructions BEFORE installation

- Product to be installed by a licensed electrician - Field modifications void warranty
- Use only with Class 2 power supply unit — Warranty only valid with QTL power supplies
- Surface mount or recessed in millwork
- Suitable for installation in storage area of a clothes closet when assembled as a finished fixture up to 4W/ft at QTL facility
- Not rated for walkover
- Input Voltage: 24VDC
- Diagrams for representation only and not to scale.

METHODS OF INSTALLATION:



Surface Mounting Method

- Screw Mount (page 7)
- T-Bar Clip Mount (page 8)
- Magnet Mount (page 9)

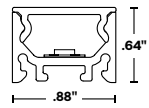
Recessed Mounting Method

- Magnet Mount : Millwork (page 10)

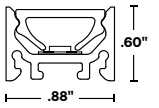
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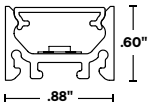
Linear Fixture Installation Instructions



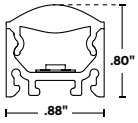
VERS-PROUD (01)



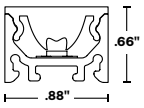
VERS-FLUSH (02)



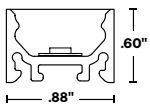
VERS-CLEAR (03)



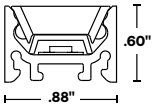
VERS-GRAZER (04)



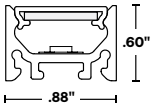
VERS-OPTICS (05)



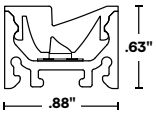
VERS-ENCAPSULATED (06)



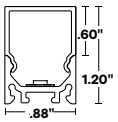
VERS-LOUVER (07)



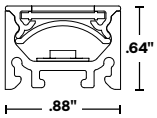
VERS-INSERT (08)



VERS-ASYMMETRIC (09)



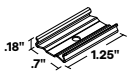
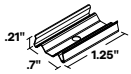
VERS-DROP (10)

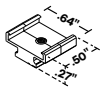
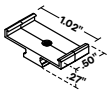
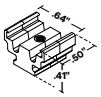
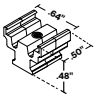
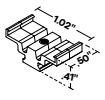
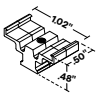


VERS-NANO LOUVER (11)

COMPONENTS & HARDWARE

Alternate screw lengths can be used in installation as long as the screw diameter size is consistent with the included screw diameter size

CONCEALED CLIP	LOUVER CONCEALED CLIP	MAGNET CLIP
 CC-01	 CC-02	 MG-02
Included: Flat Head Screw #4x5/8"	Included: Flat Head Screw #4x5/8"	Included: Flat Head Screw #6x5/8"
• 2 clips provided for 4' or less; 4 clips provided for greater than 4'	• 2 clips provided for 4' or less; 4 clips provided for greater than 4'	• One magnet clip per foot

PLASTIC T-BAR CLIP		
 TBC-03 9/16" Flat TB-grid clip	 TBC-04 15/16" Flat or Tegular TB-grid clip	 TBC-05 9/16" Tegular TB-Grid or 9/16" Flat TB-Grid clip with External Louver
Included: .625" / M2.5 x 4mm set screw	Included: .625" / M2.5 x 4mm set screw	Included: .625" / M2.5 x 4mm set screw
• 2 clips provided for 12", 1 clip provided for each additional 12" or less length	• 2 clips provided for 12", 1 clip provided for each additional 12" or less length	• 2 clips provided for 12", 1 clip provided for each additional 12" or less length
 TBC-06 9/16" Tegular TB-Grid clip, with External Louver	 TBC-07 15/16" Flat TB-Grid clip with External Louver	 TBC-08 15/16" Tegular TB-Grid clip with External Louver
Included: .625" / M2.5 x 4mm set screw	Included: .625" / M2.5 x 4mm set screw	Included: .625" / M2.5 x 4mm set screw
• 2 clips provided for 12", 1 clip provided for each additional 12" or less length	• 2 clips provided for 12", 1 clip provided for each additional 12" or less length	• 2 clips provided for 12", 1 clip provided for each additional 12" or less length

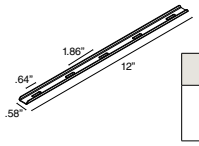
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VERS

Linear Fixture Installation Instructions

ACCESSORIES SOLD SEPARATELY

MAGNET MOUNT ACCESSORY; sold individually



MMA-02

Included

Flat Head Screw #6x5/8"

- MMA-02 comes in 12" pieces; use at least one clip per MMA-02 accessory
- MMA-02 can be cut into smaller pieces, if desired

HINGE BRACKET; sold individually

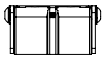


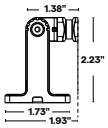
Image shows HMB-M

HMB-M
HMB-L
HMB-XL

Included

- 3/4" long mount screw
- 1/4" #4 clip mount screw

Q-ANGLE; sold in pairs



Q-ANGLE

Included

- 2 SS 6-32 Fillister screws
- 2 SS 4-40 Flat head clip screws
- 4 SS #6x1.25" Flat head wood screws

Q-PIVOT; sold in pairs



Q-PIVOT

Included

- SS #4-40x3/16 Flat head screw
- 2 #4x3/4 Pan head screws

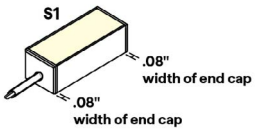
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VERS

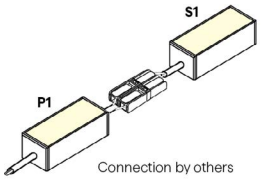
Linear Fixture Installation Instructions

CONFIGURATION OPTIONS

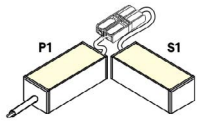
VERS-FLAT



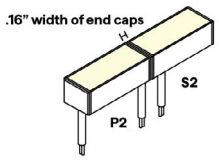
Single End Feed



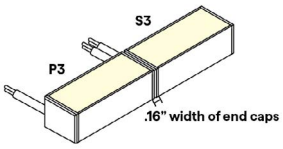
Connection by others
Non-Continuous End Feed



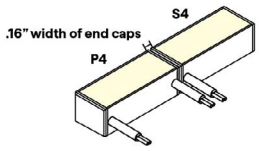
Connection by others
Non-Continuous Corner Feed



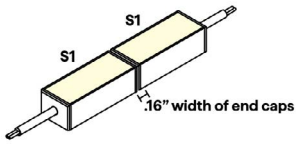
Continuous Bottom Feed



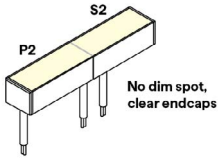
Continuous Side Feed - Left



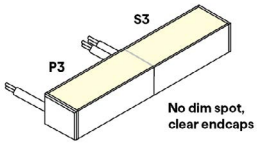
Continuous Side Feed - Right



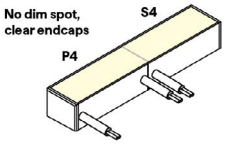
Continuous End to End Feed



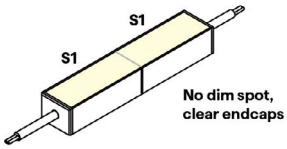
*Continuous Bottom Feed



*Continuous Side Feed - Left

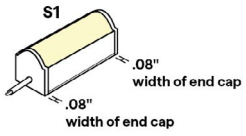


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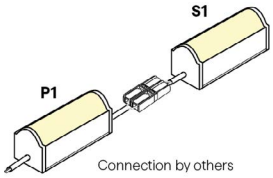


*Continuous End to End Feed

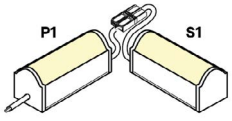
VERS-OPTICS



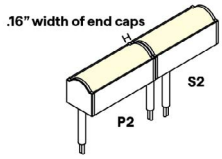
Single End Feed



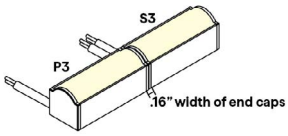
Connection by others
Non-Continuous End Feed



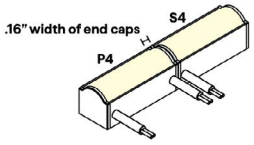
Connection by others
Non-Continuous Corner Feed



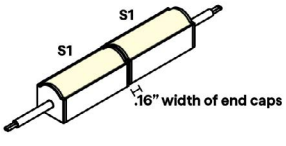
Continuous Bottom Feed



Continuous Side Feed - Left

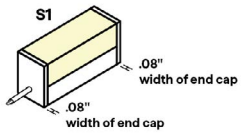


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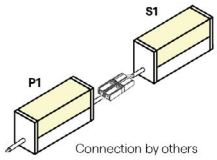


Continuous End to End Feed

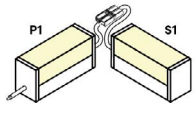
VERS-DROP



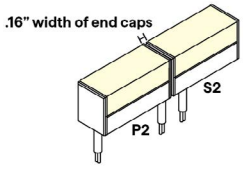
Single End Feed



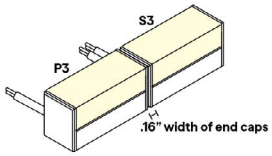
Connection by others
Non-Continuous End Feed



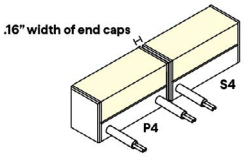
Connection by others
Non-Continuous Corner Feed



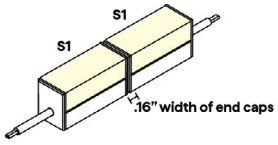
Continuous Bottom Feed



Continuous Side Feed - Left



Continuous Side Feed - Right



Continuous End to End Feed

Review wire method to ensure clean installation prior to mounting extrusion.
*Only available with VERS-ENCAPSULATED (06)

NOTE: Additional wire methods include:
S1, S2, S3, S4: Connector/Wire Input only
P1, P2, P3, P4: Connector/Wire Input and Output

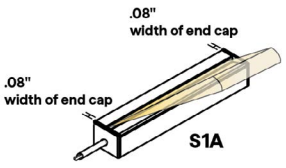
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VERS

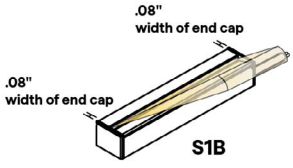
Linear Fixture Installation Instructions

CONFIGURATION OPTIONS

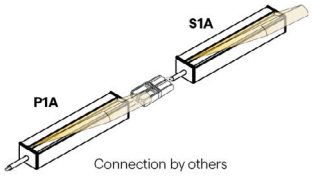
VERS-ASYMMETRIC



Single End Feed

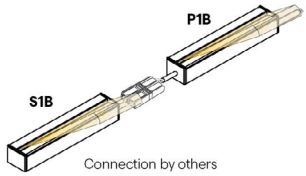


Single End Feed



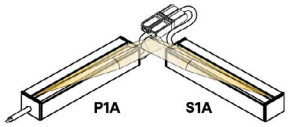
Connection by others

Non-Continuous End Feed



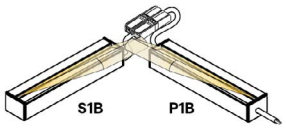
Connection by others

Non-Continuous End Feed



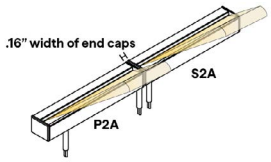
Connection by others

Non-Continuous Corner Feed

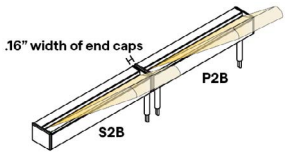


Connection by others

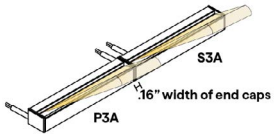
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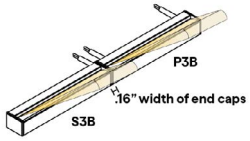
Continuous Bottom Feed



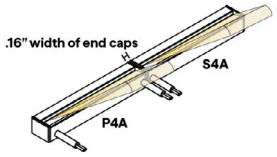
Continuous Bottom Feed



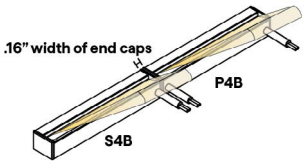
Continuous Side Feed - Left



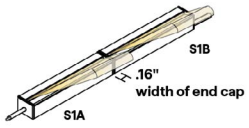
Continuous Side Feed - Left



Continuous Side Feed - Right



Continuous Side Feed - Right



Continuous End to End Feed

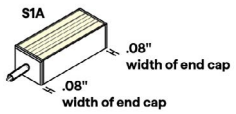
Review wire method to ensure clean installation prior to mounting extrusion.

NOTE: Additional wire methods include:
S1, S2, S3, S4: Connector/Wire Input only
P1, P2, P3, P4: Connector/Wire Input and Output

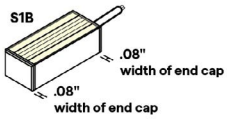
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CONFIGURATION OPTIONS

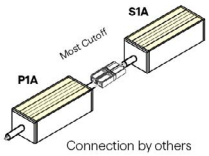
VERS-NANO-LOUVER



Single End Feed

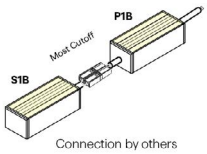


Single End Feed



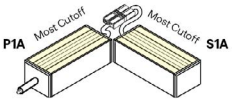
Connection by others

Non-Continuous End Feed



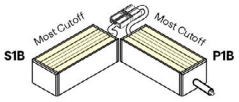
Connection by others

Non-Continuous End Feed



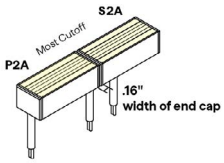
Connection by others

Non-Continuous Corner Feed

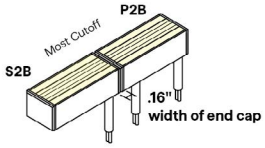


Connection by others

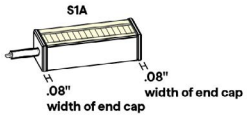
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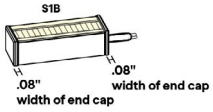
Continuous Bottom Feed



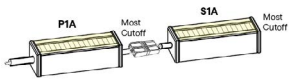
Continuous Bottom Feed



Single End Feed

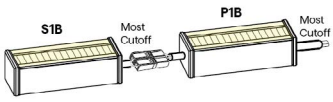


Single End Feed



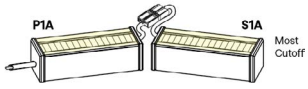
Connection by others

Non-Continuous End Feed



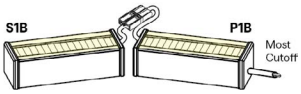
Connection by others

Non-Continuous End Feed



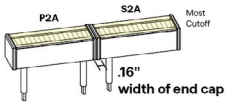
Connection by others

Non-Continuous Corner Feed

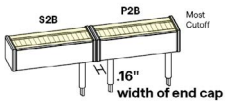


Connection by others

Non-Continuous Corner Feed



Continuous Bottom Feed



Continuous Bottom Feed

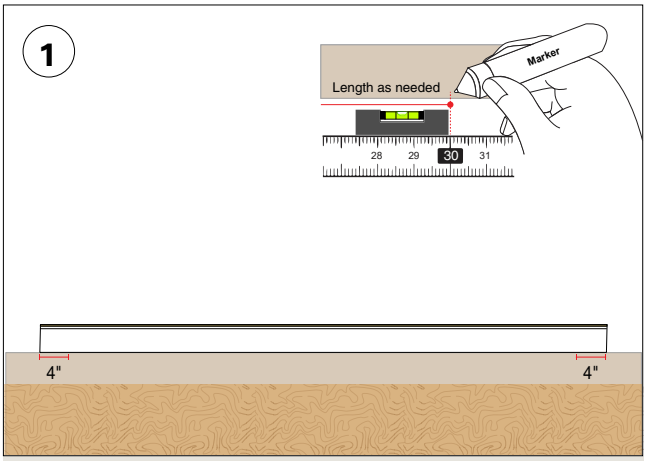
Review wire method to ensure clean installation prior to mounting finished Fixture.

NOTE: Additional wire methods include:
S1: Connector/Wire Input only
P1: Connector/Wire Input and Output

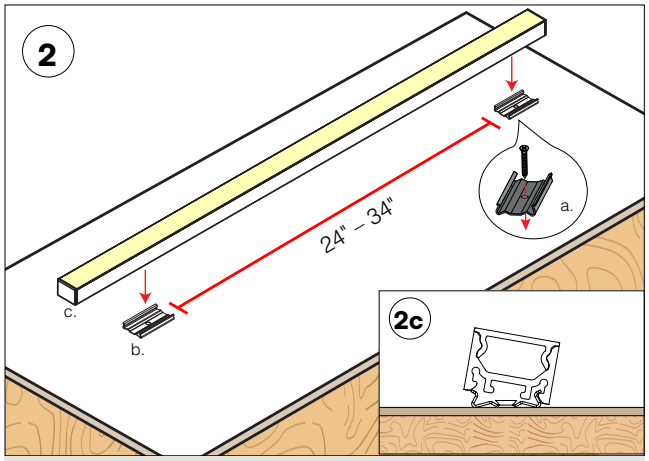
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SURFACE MOUNTING METHOD: **SCREW MOUNT**

- 2 clips provided for 4' or less; 4 clips provided for greater than 4'
- Applies to both CC-01 & CC-02



Determine the VERS fixture(s) location and positioning on desired surface; evenly distribute clips. Make any necessary reference markings to indicate where each clip is to be secured in place. Recommended every 24" - 30".

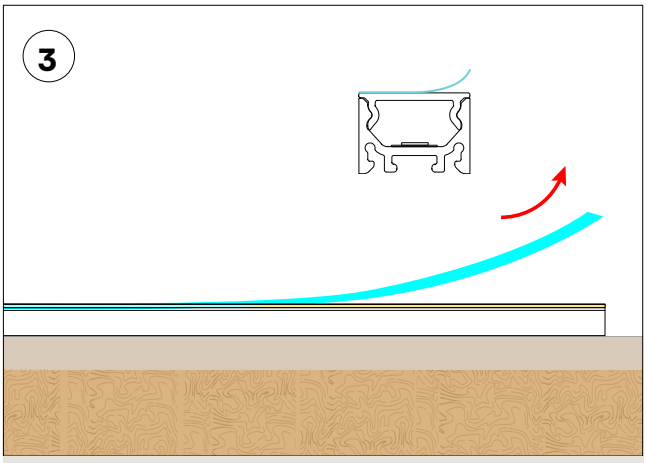


a. Secure clips using the #4 flat head hardware provided. The first and last clip should be placed 4" inward from each end of the fixture.

b. Ensure the screw head is flush with the clip's base.

c. Snap fixture onto clips. Make a secure connection with the concealed clip by tilting and snapping on.

NOTE: Flat head screw type is dependent on surface/application material. Alternative flat head screws may be required. Refer to the surface material manufacturer for suggested screw type.

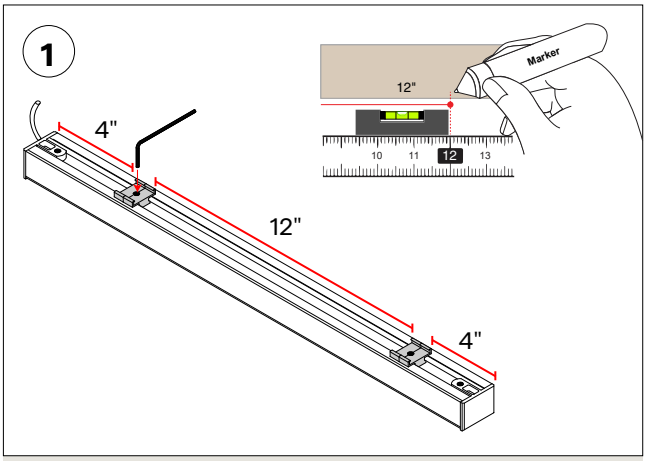


Remove protective film from the surface of the fixture's lens.

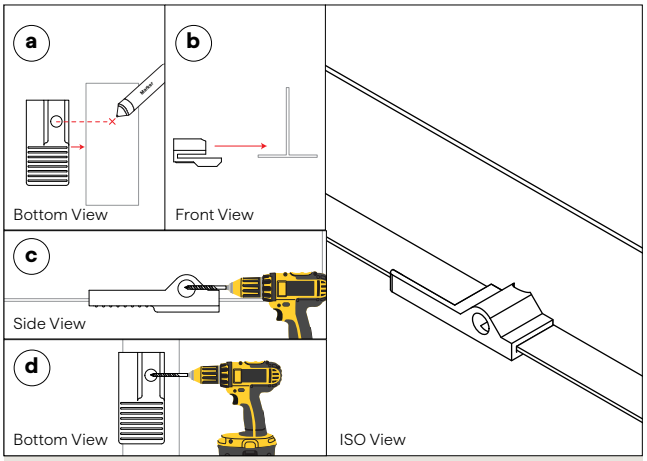
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SURFACE MOUNTING METHOD: **PLASTIC T-BAR MOUNT**

- 2 clips provided for 12", 1 clip provided for each additional 12" or less length

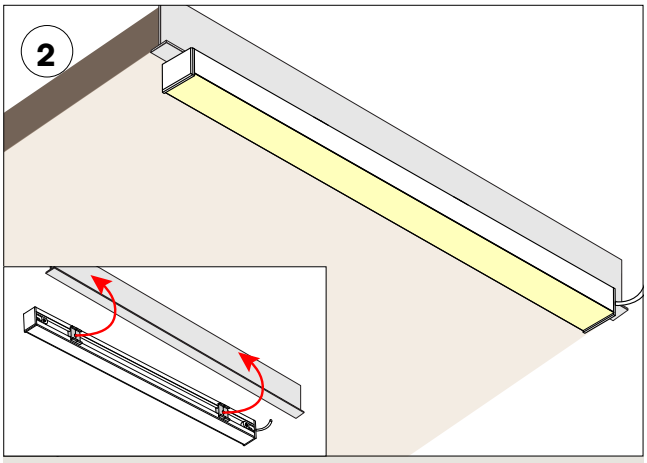


Determine the VERS extrusion(s) location and positioning on desired surface. Make any necessary reference markings to indicate where each clip is to be secured in place. Adjust the preinstalled T-Bar Clips by loosening the screws to slide into desired position. Recommended 4" from each end and 12" apart.

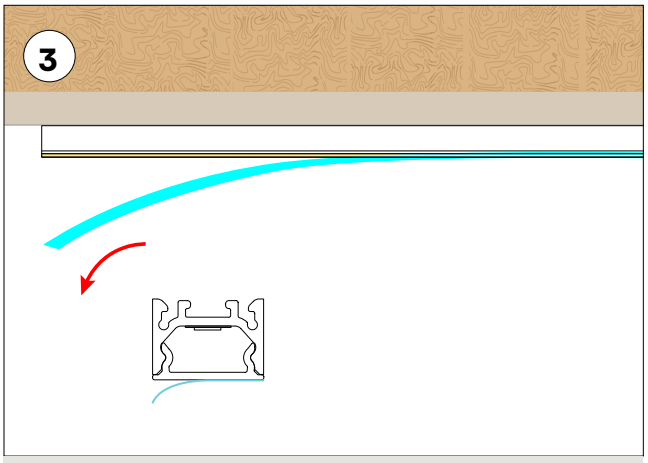


OPTIONAL - REQUIRED FOR S2/P2
Use provided jig to drill a hole in the t-bar ceiling grid, which will allow the wire to feed into the ceiling.

a. Mark where wire will go through the T-Bar.
b. Slide T-Bar Drill jig over T-Bar.
c. Using a 3-16" Drill bit drill through the side hole.
d. Then using a 3-16" Drill bit drill through the bottom hole.



Snap extrusion onto T-BAR.

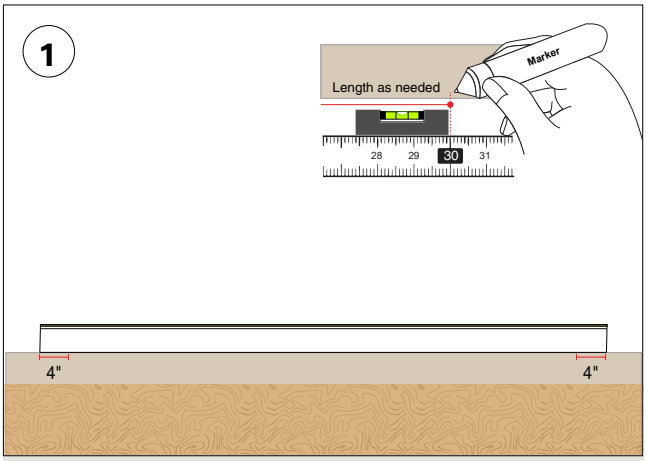


Remove protective film from the surface of the extrusion's lens.

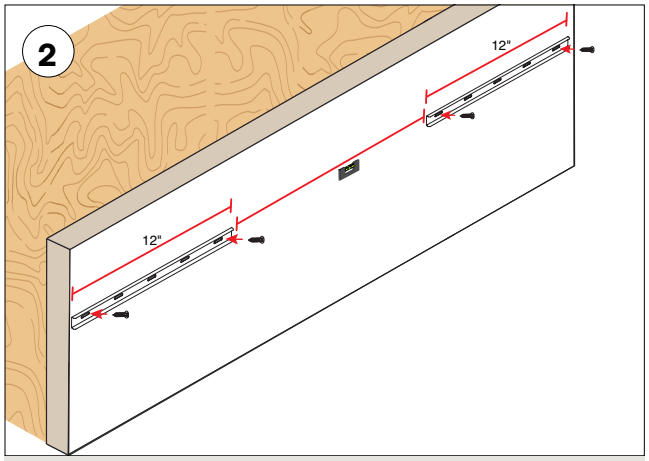
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SURFACE MOUNTING METHOD: **MAGNET MOUNT**

- One magnet clip per foot
- MMA-02 comes in 12" pieces; use at least one clip per MMA-02 accessory
- MMA-02 can be cut into smaller pieces, if desired

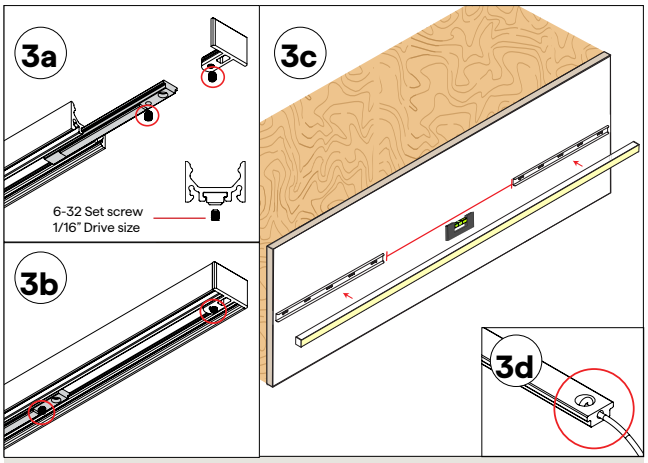


Determine the VERS fixture(s) location and positioning on desired surface. Make any necessary reference markings to indicate where the magnet mount accessory bracket is to be secured in place.



a. Mount the two #6 flat head screws into the 12" magnet mount accessory brackets through the slotted holes at each end. Ensure the screw head is flush with the magnet mount bracket.

NOTE: If surface application requires a longer screw, the screw size must be a #6 Flat Head.



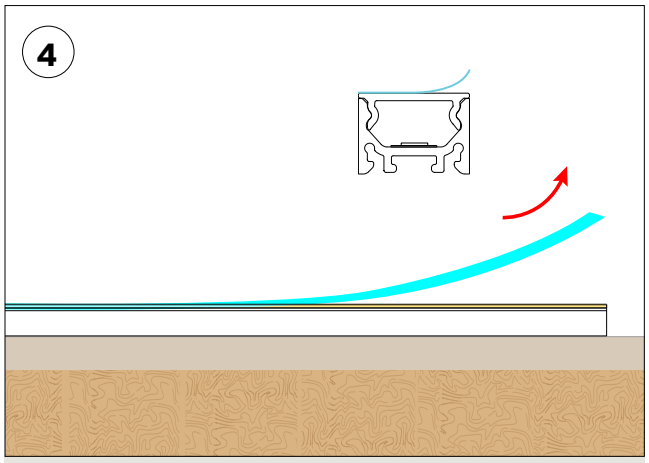
a. Unscrew the non-feed VERS endcap using an allen key, and slide in the magnet clips.

b. Using the supplied set screw fasten the non-feed endcap that was removed, and secure the magnet clips into your desired location.

c. Place the assembled fixture into the magnet mount bracket.

d. For installations requiring seismic precautions, monofiliment may be used with magnet clips as pictured.

NOTE: The magnet clips should be offset to the flat heads used to secure the bracket, to maximize magnetic connection.

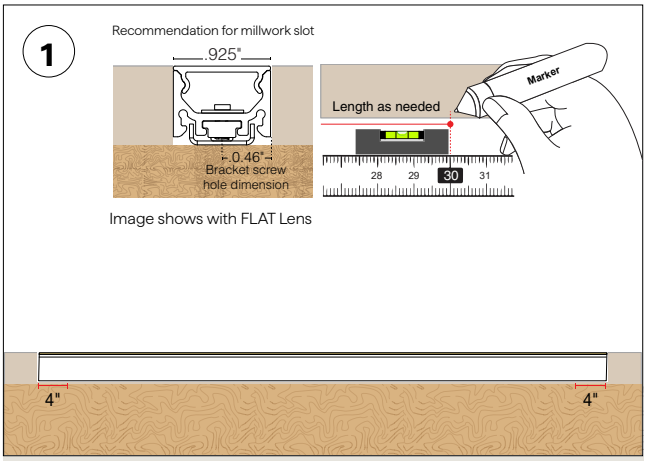


Remove protective film from the surface of the fixture's lens.

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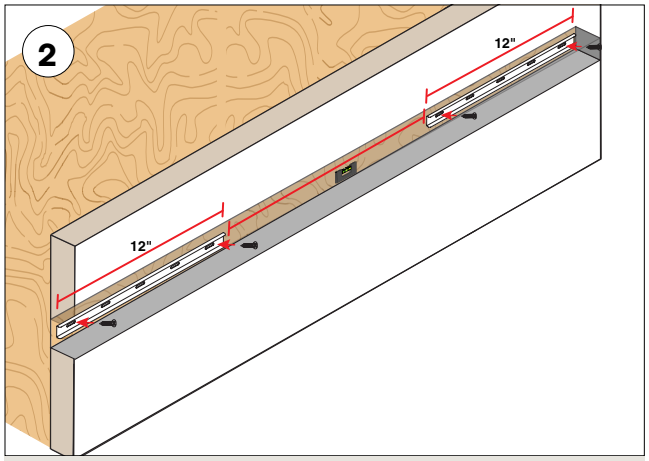
RECESSED MOUNTING METHOD: **MAGNET MOUNT**

- One magnet clip per foot
- MMA-02 comes in 12" pieces; use at least one clip per MMA-02 accessory
- MMA-02 can be cut into smaller pieces, if desired



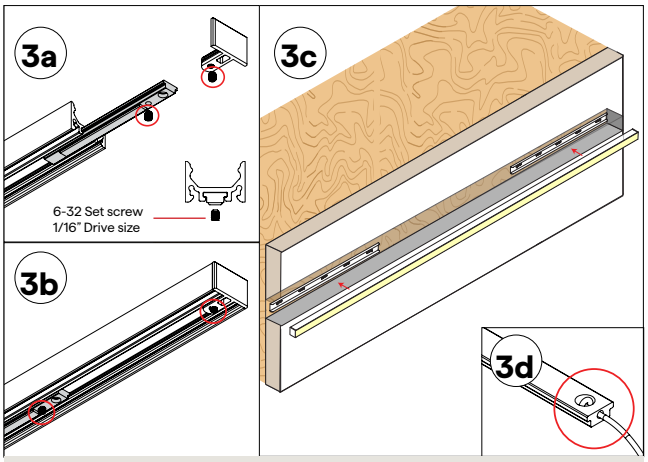
Determine the VERS fixture(s) location and positioning on desired surface. Make any necessary reference markings to indicate where the magnet mount accessory bracket is to be secured in place.

NOTE: Depth of the channel in the millwork is dependent on overall height with the magnet clip and Magnet Mount Accessory.



a. Mount the two #6 flat head screws into the 12" magnet mount accessory brackets through the slotted holes at each end. Ensure the screw head is flush with the magnet mount bracket.

NOTE: If surface application requires a longer screw, the screw size must be a #6 Flat Head.



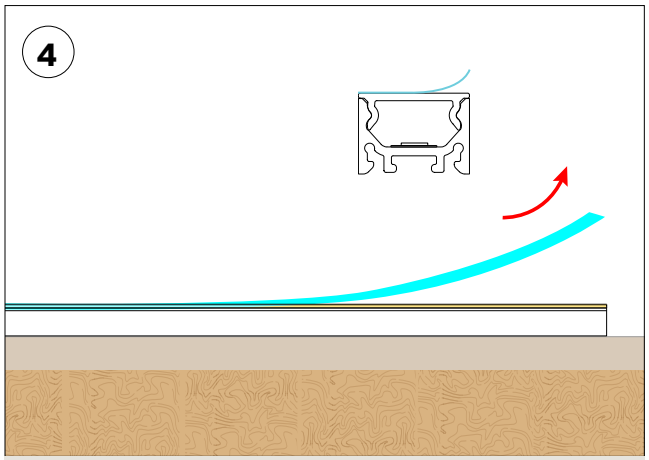
a. Unscrew the non-feed VERS endcap using an allen key, and slide in the magnet clips.

b. Using the supplied set screw fasten the non-feed endcap that was removed, and secure the magnet clips into your desired location.

c. Place the assembled fixture into the magnet mount bracket.

d. For installations requiring seismic precautions, monofiliment may be used with magnet clips as pictured.

NOTE: The magnet clips should be offset to the flat heads used to secure the bracket, to maximize magnetic connection.



Remove protective film from the surface of the fixture's lens.

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VERS-GRAZER-DW-HE(04)

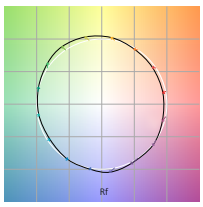
Linear Fixtures Color Data

1.5HE W/FT

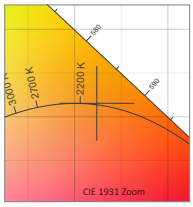
VERS-04-DW-1.5HE-20-DRY-GZR

2040 K

CRI: 92.5
CRI R9: 59.7
TM30 Rf: 90.2
TM30 Rg: 101.6
CQS: 80.5
X: 0.524
Y: 0.415
U: 0.302
V: 0.359
Δuv: 0.0005





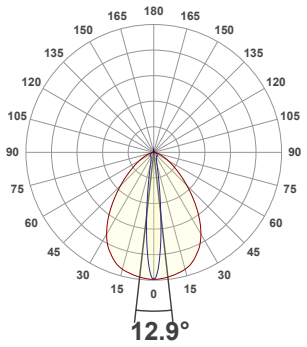


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.2	95.9	95.6	93.9	92.4	96.6	91.5	80.8	59.7	88.4	95.8	87.1	94.0	95.6	87.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
76.3	84.7	81.8	82.3	80.5	76.9	77.1	81.0	87.6	84.4	84.0	84.3	84.1	77.8	77.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
90.1	89.6	88.7	90.9	92.2	90.0	88.6	90.9	92.0	93.2	91.8	89.6	90.8	75.6	87.3	88.2

TM30

Hue Bin	R_f	Chroma	Hue
1	90	-5%	-1%
2	90	-4%	4%
3	89	-2%	6%
4	91	3%	6%
5	92	6%	5%
6	90	7%	2%
7	89	4%	-6%
8	91	0%	-7%
9	92	-2%	-4%
10	93	-4%	1%
11	92	0%	4%
12	90	2%	3%
13	91	5%	-8%
14	76	1%	-14%
15	87	0%	-9%
16	88	-4%	-7%

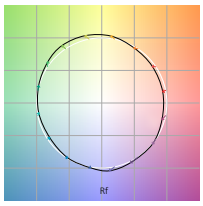
Beam Angle

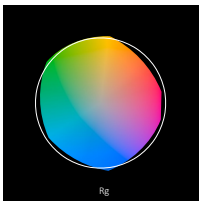


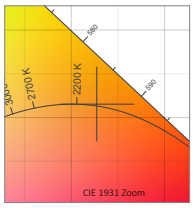
VERS-04-DW-1.5HE-20-DRY-25D

2010 K

CRI: 92.2
CRI R9: 58.1
TM30 Rf: 90.1
TM30 Rg: 101.1
CQS: 79.5
X: 0.527
Y: 0.415
U: 0.304
V: 0.360
Δuv: 0.0006





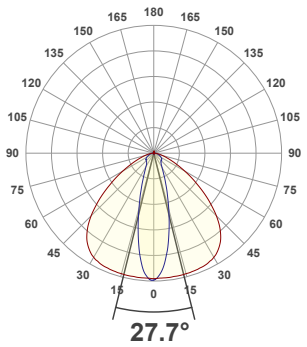


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92.7	95.8	95.9	93.4	92.0	96.7	91.0	79.9	58.1	88.3	95.6	87.9	93.6	95.8	87.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
75.0	83.7	81.5	81.4	79.2	76.0	76.8	80.5	86.8	83.8	82.2	82.8	82.8	76.3	75.7
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
89.7	89.3	88.5	90.7	92.0	90.1	88.7	90.4	91.3	93.0	92.2	90.1	90.6	74.7	87.5	88.6

TM30

Hue Bin	R_f	Chroma	Hue
1	90	-5%	-1%
2	89	-4%	4%
3	89	-2%	6%
4	91	4%	6%
5	92	6%	5%
6	90	7%	2%
7	89	4%	-7%
8	90	0%	-7%
9	91	-2%	-4%
10	93	-4%	0%
11	92	-1%	3%
12	90	1%	3%
13	91	4%	-9%
14	75	1%	-14%
15	87	0%	-9%
16	89	-4%	-7%

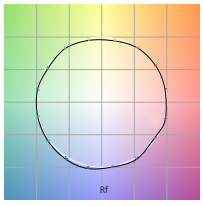
Beam Angle

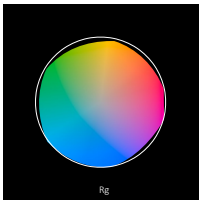


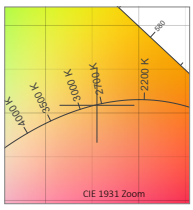
VERS-04-DW-1.5HE-27-DRY-GZR

2756 K

CRI: 97.9
CRI R9: 93.5
TM30 Rf: 94.4
TM30 Rg: 100.0
CQS: 95.3
X: 0.455
Y: 0.409
U: 0.260
V: 0.351
Δuv: -0.0003





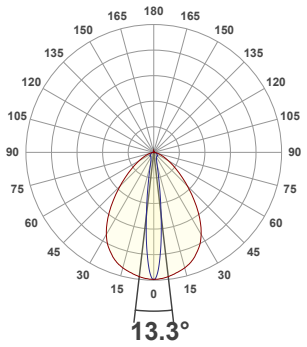


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.2	99.1	97.4	98.4	98.3	96.8	97.7	97.1	93.5	99.9	95.8	86.4	98.1	97.4	98.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.2	95.6	93.6	93.8	95.4	97.2	96.3	97.2	97.2	97.6	97.4	96.8	97.2	95.5	94.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.8	97.8	96.7	93.6	95.6	97.1	93.0	97.0	93.9	92.4	92.4	92.5	94.0	92.9	93.5	90.8

TM30

Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	94	-4%	-2%
5	96	-3%	1%
6	97	0%	2%
7	93	-3%	4%
8	97	0%	2%
9	94	1%	4%
10	92	2%	5%
11	92	4%	5%
12	93	4%	-1%
13	94	1%	-4%
14	93	3%	-5%
15	94	-2%	0%
16	91	1%	-7%

Beam Angle



NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-29-24

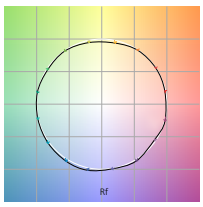
VERS-GRAZER-DW-HE(04)

Linear Fixtures Color Data

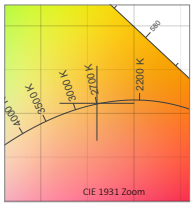
VERS-04-DW-1.5HE-27-DRY-25D

2705 K

CRI: 97.9
CRI R9: 91.5
TM30 Rf: 94.5
TM30 Rg: 99.6
CQS: 95.1
X: 0.460
Y: 0.411
U: 0.262
V: 0.352
Δuv: 0.0003



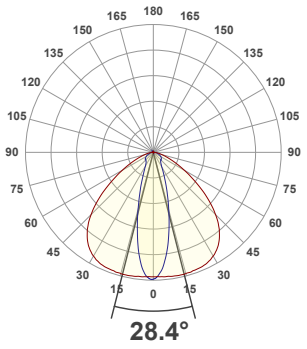




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.6	99.4	97.5	98.5	98.6	97.1	97.5	96.3	91.5	99.5	96.0	87.5	98.5	97.4	98.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.7	95.2	94.2	94.3	95.4	96.6	97.0	97.6	96.1	95.8	96.2	96.1	96.7	95.3	94.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.7	97.8	96.8	93.5	95.5	96.6	95.2	96.6	94.0	92.9	93.1	92.8	93.8	93.1	93.5	91.4

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	93	-4%	-3%
5	96	-3%	1%
6	97	-1%	2%
7	95	-2%	3%
8	97	0%	2%
9	94	1%	4%
10	93	2%	5%
11	93	3%	4%
12	93	4%	-2%
13	94	1%	-5%
14	93	2%	-5%
15	93	-2%	0%
16	91	0%	-7%

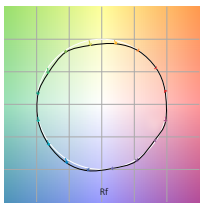
Beam Angle



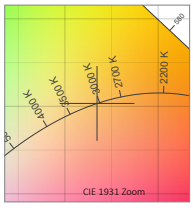
VERS-04-DW-1.5HE-30-DRY-GZR

3039 K

CRI: 97.5
CRI R9: 97.1
TM30 Rf: 92.3
TM30 Rg: 98.5
CQS: 94.5
X: 0.434
Y: 0.403
U: 0.249
V: 0.347
Δuv: 0.0001



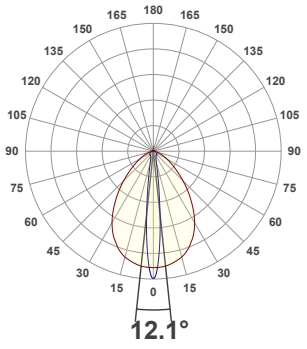




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.7	98.4	98.6	97.8	97.5	96.5	96.6	97.0	97.1	98.5	97.9	82.5	97.7	98.1	97.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
89.9	94.9	94.4	92.8	93.0	93.9	97.8	98.3	96.2	96.0	97.4	97.0	97.4	96.0	93.8
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.2	96.8	96.1	91.1	91.3	95.2	87.9	94.1	90.1	88.0	90.3	92.5	93.5	92.9	90.7	90.6

TM30			
Hue Bin	R_f	Chroma	Hue
1	94	-1%	2%
2	97	0%	-1%
3	96	0%	-1%
4	91	-5%	-4%
5	91	-8%	-1%
6	95	-3%	2%
7	88	-5%	6%
8	94	-1%	4%
9	90	1%	7%
10	88	2%	7%
11	90	5%	6%
12	93	4%	-2%
13	94	0%	-5%
14	93	2%	-4%
15	91	-2%	-1%
16	91	1%	-7%

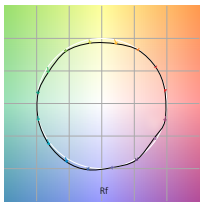
Beam Angle

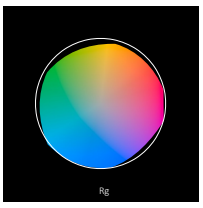


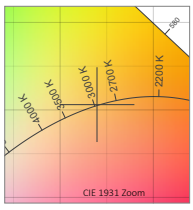
VERS-04-DW-1.5HE-30-DRY-25D

2975 K

CRI: 97.6
CRI R9: 93.2
TM30 Rf: 92.4
TM30 Rg: 98.0
CQS: 94.3
X: 0.440
Y: 0.406
U: 0.251
V: 0.348
Δuv: 0.0004



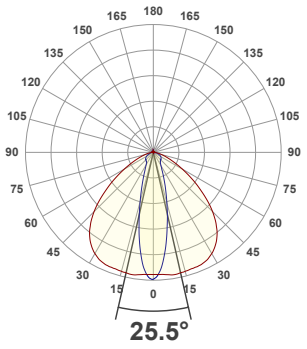




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.5	98.8	98.8	97.7	97.8	96.8	96.2	95.9	93.2	99.0	98.5	83.3	98.4	98.2	97.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
89.7	94.4	94.8	93.0	92.8	93.4	97.2	97.6	95.4	95.0	97.0	97.0	97.5	95.9	93.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.0	96.9	96.4	90.0	93.2	94.9	87.9	93.8	90.1	88.7	90.8	92.5	93.1	92.6	91.7	90.2

TM30			
Hue Bin	R_f	Chroma	Hue
1	94	-1%	2%
2	97	0%	-1%
3	96	-1%	-1%
4	90	-6%	-4%
5	93	-6%	0%
6	95	-3%	2%
7	88	-5%	6%
8	94	-1%	4%
9	90	0%	6%
10	89	2%	7%
11	91	5%	5%
12	93	4%	-2%
13	93	0%	-5%
14	93	2%	-5%
15	92	-4%	1%
16	90	0%	-7%

Beam Angle



NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-29-24

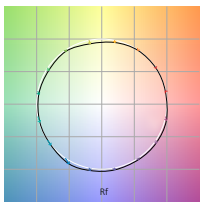
VERS-GRAZER-DW-HE(04)

Linear Fixtures Color Data

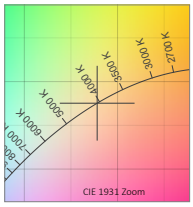
VERS-04-DW-1.5HE-40-DRY-GZR

4057 K

CRI: 97.4
CRI R9: 97.7
TM30 Rf: 92.0
TM30 Rg: 99.5
CQS: 94.5
X: 0.378
Y: 0.375
U: 0.224
V: 0.334
Δuv: -0.0001





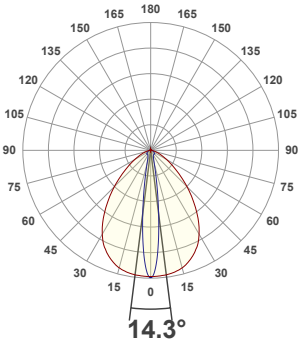


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.7	99.0	95.5	97.6	96.6	95.3	98.4	97.6	97.7	95.4	97.5	71.5	99.3	96.9	96.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.0	98.9	89.1	87.8	91.9	94.8	97.1	98.4	97.6	97.8	97.7	99.2	99.7	98.7	96.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.6	97.0	95.9	92.5	91.0	96.0	93.5	92.3	88.7	86.6	85.8	92.3	94.7	94.3	89.9	89.9

TM30

Hue Bin	R_f	Chroma	Hue
1	95	0%	1%
2	97	0%	0%
3	96	0%	0%
4	93	-3%	-1%
5	91	-6%	0%
6	96	-2%	1%
7	93	-4%	2%
8	92	-2%	4%
9	89	-1%	8%
10	87	0%	9%
11	86	4%	9%
12	92	3%	3%
13	95	3%	-1%
14	94	2%	0%
15	90	3%	-3%
16	90	2%	-5%

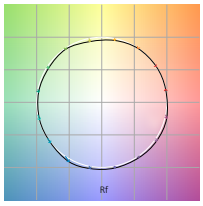
Beam Angle

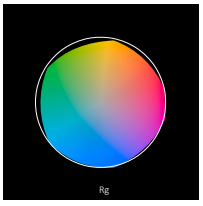


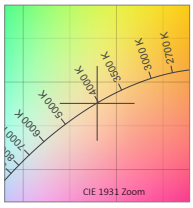
VERS-04-DW-1.5HE-40-DRY-25D

4027 K

CRI: 97.5
CRI R9: 94.7
TM30 Rf: 92.6
TM30 Rg: 100.0
CQS: 94.9
X: 0.379
Y: 0.376
U: 0.225
V: 0.334
Δuv: -0.0002





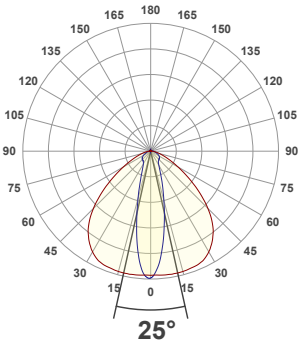


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.8	99.0	95.1	98.6	97.2	95.5	98.7	97.1	94.7	95.4	97.7	73.2	99.4	96.6	96.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.9	99.3	89.3	88.6	92.9	95.8	96.9	98.7	97.3	97.6	97.8	99.4	99.4	98.8	96.8
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.0	97.3	96.2	93.1	91.7	96.2	94.3	93.3	89.8	87.7	86.5	92.3	95.2	94.5	90.7	90.5

TM30

Hue Bin	R_f	Chroma	Hue
1	95	0%	0%
2	97	0%	-1%
3	96	0%	0%
4	93	-3%	-1%
5	92	-5%	0%
6	96	-1%	1%
7	94	-3%	2%
8	93	-2%	4%
9	90	-1%	8%
10	88	0%	8%
11	86	4%	9%
12	92	3%	3%
13	95	3%	0%
14	95	2%	0%
15	91	3%	-3%
16	91	3%	-5%

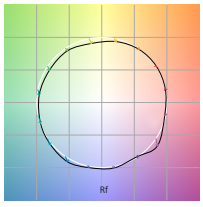
Beam Angle

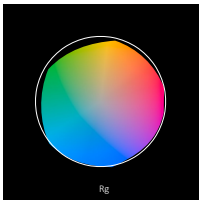


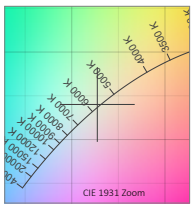
VERS-04-DW-1.5HE-55-DRY-GZR

5733 K

CRI: 96.1
CRI R9: 91.8
TM30 Rf: 90.4
TM30 Rg: 98.0
CQS: 93.7
X: 0.327
Y: 0.340
U: 0.204
V: 0.318
Δuv: 0.0015





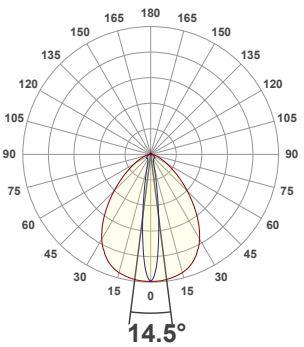


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.3	98.1	98.7	94.2	95.0	95.3	94.9	95.0	91.8	97.9	96.9	70.6	97.8	99.3	93.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.3	96.6	90.7	86.8	89.3	91.6	97.7	98.4	99.2	99.4	98.4	98.8	99.1	97.9	95.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
92.0	96.5	94.7	90.8	87.3	93.8	90.1	86.6	86.3	84.5	86.5	96.4	92.9	94.1	84.7	94.9

TM30

Hue Bin	R_f	Chroma	Hue
1	92	0%	2%
2	96	1%	0%
3	95	0%	-2%
4	91	-4%	-4%
5	87	-8%	-2%
6	94	-5%	0%
7	90	-6%	3%
8	87	-4%	7%
9	86	-2%	13%
10	85	1%	10%
11	87	5%	7%
12	96	2%	-1%
13	93	2%	-2%
14	94	-1%	-2%
15	85	8%	-8%
16	95	-1%	2%

Beam Angle



NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-29-24

VERS-GRAZER-DW-HE(04)

Linear Fixtures Color Data

VERS-04-DW-1.5HE-55-DRY-25D

5564 K

CRI: 96.4

CRI R9: 93.5

TM30 Rf: 91.0

TM30 Rg: 98.3

CQS: 94.1

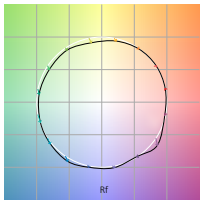
X: 0.331

Y: 0.344

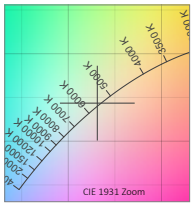
U: 0.205

V: 0.319

Δuv: 0.0014



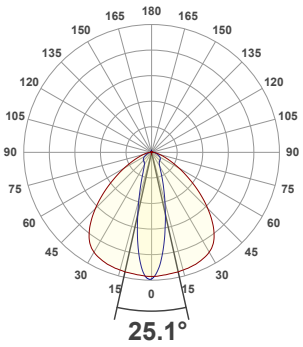




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.6	98.5	98.6	94.9	95.5	95.5	95.5	95.6	93.5	98.6	97.3	72.0	98.2	99.2	93.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.0	97.2	90.8	87.4	90.0	92.4	98.0	98.4	99.1	99.4	98.2	98.7	99.1	98.0	95.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
92.5	96.7	95.1	91.5	89.0	94.3	90.9	87.5	87.0	85.3	86.9	96.6	93.2	94.4	85.2	95.3

TM30			
Hue Bin	R_f	Chroma	Hue
1	93	0%	2%
2	97	0%	0%
3	95	0%	-2%
4	91	-4%	-3%
5	89	-7%	-2%
6	94	-4%	0%
7	91	-5%	3%
8	88	-3%	7%
9	87	-2%	12%
10	85	1%	9%
11	87	5%	7%
12	97	2%	-1%
13	93	2%	-2%
14	94	-1%	-2%
15	85	8%	-8%
16	95	-1%	1%

Beam Angle



NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-29-24

VERS-GRAZER-DW-HE(04)

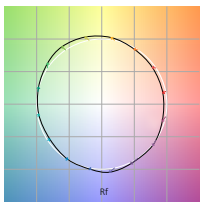
Linear Fixtures Color Data

2.5HE W/FT

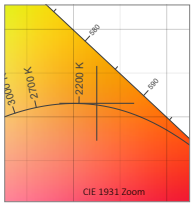
VERS-04-DW-2.5HE-20-DRY-GZR

2030 K

CRI: 92.4
CRI R9: 59.1
TM30 Rf: 90.2
TM30 Rg: 101.4
CQS: 80.2
X: 0.525
Y: 0.415
U: 0.303
V: 0.359
Δuv: 0.0006





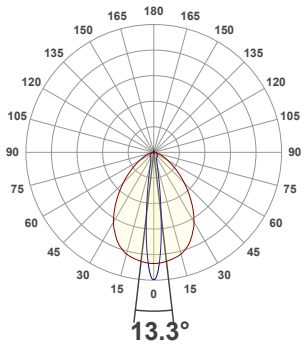


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.1	95.9	95.6	93.8	92.3	96.6	91.3	80.5	59.1	88.3	95.8	87.2	93.9	95.7	87.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
75.9	84.4	81.7	82.0	80.0	76.5	77.0	80.8	87.4	84.2	83.3	83.7	83.7	77.2	76.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
90.0	89.6	88.8	90.9	92.2	90.1	88.8	90.9	91.9	93.2	91.9	89.6	90.7	75.2	87.2	88.0

TM30

Hue Bin	R_f	Chroma	Hue
1	90	-5%	-1%
2	90	-4%	4%
3	89	-2%	6%
4	91	3%	6%
5	92	6%	5%
6	90	7%	2%
7	89	4%	-6%
8	91	0%	-7%
9	92	-2%	-4%
10	93	-4%	1%
11	92	0%	4%
12	90	2%	3%
13	91	5%	-8%
14	75	1%	-14%
15	87	0%	-9%
16	88	-4%	-8%

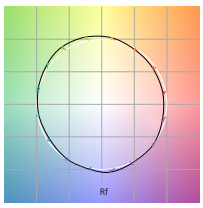
Beam Angle



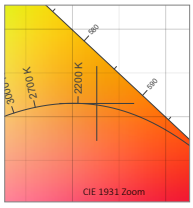
VERS-04-DW-2.5HE-20-DRY-25D

2018 K

CRI: 92.5
CRI R9: 59.1
TM30 Rf: 90.3
TM30 Rg: 101.3
CQS: 80.0
X: 0.526
Y: 0.415
U: 0.304
V: 0.359
Δuv: 0.0005





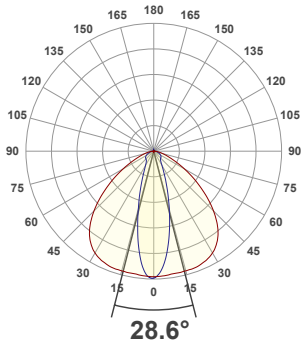


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.1	96.0	96.0	93.8	92.4	97.0	91.2	80.3	59.1	88.9	96.0	88.3	94.0	95.9	87.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
75.6	84.0	81.7	82.0	80.0	76.6	77.0	80.6	87.0	84.0	83.3	83.6	83.5	77.1	76.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
90.0	89.6	88.9	91.1	92.3	90.2	89.0	91.0	92.0	93.4	92.3	90.1	90.6	75.0	87.4	88.3

TM30

Hue Bin	R_f	Chroma	Hue
1	90	-5%	-1%
2	90	-4%	4%
3	89	-2%	6%
4	91	3%	6%
5	92	6%	5%
6	90	7%	2%
7	89	4%	-6%
8	91	0%	-7%
9	92	-2%	-4%
10	93	-4%	0%
11	92	0%	4%
12	90	1%	3%
13	91	5%	-9%
14	75	1%	-14%
15	87	0%	-9%
16	88	-4%	-7%

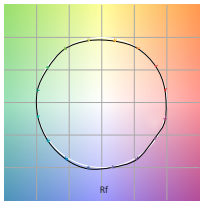
Beam Angle

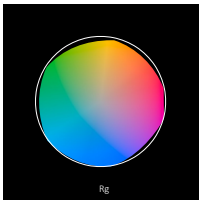


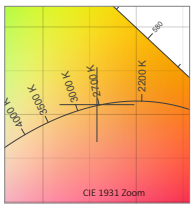
VERS-04-DW-2.5HE-27-DRY-GZR

2736 K

CRI: 98.1
CRI R9: 91.5
TM30 Rf: 94.7
TM30 Rg: 99.9
CQS: 95.3
X: 0.458
Y: 0.411
U: 0.261
V: 0.352
Δuv: 0.0004





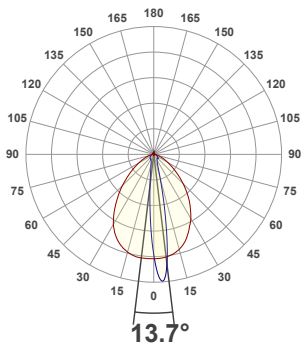


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.8	99.8	96.9	98.6	98.9	97.6	98.0	96.6	91.5	98.5	96.1	87.0	98.9	97.0	98.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.4	95.6	93.6	94.0	95.8	97.6	96.4	97.5	96.6	96.3	96.4	96.3	96.8	95.6	94.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.0	97.9	96.9	94.1	95.7	97.0	95.2	97.2	94.6	93.0	92.7	92.7	94.2	93.0	93.8	90.8

TM30

Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	94	-4%	-2%
5	96	-3%	1%
6	97	0%	2%
7	95	-2%	3%
8	97	1%	2%
9	95	0%	3%
10	93	1%	5%
11	93	3%	5%
12	93	4%	-1%
13	94	1%	-4%
14	93	3%	-5%
15	94	-2%	0%
16	91	1%	-7%

Beam Angle



NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-29-24

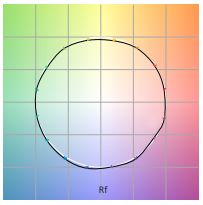
VERS-GRAZER-DW-HE(04)

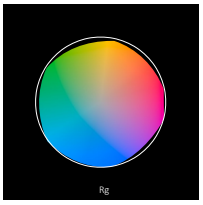
Linear Fixtures Color Data

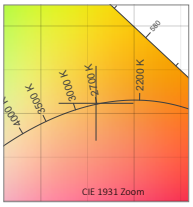
VERS-04-DW-2.5HE-27-DRY-25D

2721 K

CRI: 98.1
CRI R9: 91.4
TM30 Rf: 94.8
TM30 Rg: 99.8
CQS: 95.3
X: 0.459
Y: 0.412
U: 0.262
V: 0.352
Δuv: 0.0005



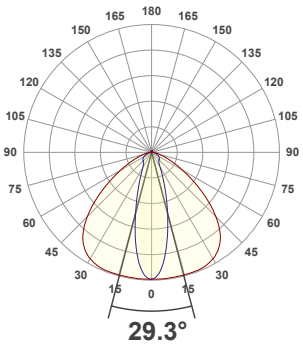




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.7	99.6	97.1	98.4	98.8	97.4	97.9	96.5	91.4	98.9	95.8	87.8	98.7	97.2	98.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.3	95.5	94.1	94.5	96.0	97.4	96.7	97.7	96.3	95.9	96.1	96.0	96.7	95.5	94.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.1	98.0	96.8	94.1	95.8	97.0	95.1	97.0	94.8	93.4	93.3	92.9	94.1	93.2	93.9	91.2

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	94	-4%	-2%
5	96	-3%	1%
6	97	0%	2%
7	95	-2%	3%
8	97	1%	2%
9	95	1%	3%
10	93	2%	4%
11	93	3%	4%
12	93	4%	-2%
13	94	1%	-4%
14	93	2%	-5%
15	94	-2%	0%
16	91	0%	-7%

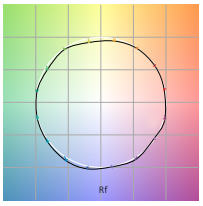
Beam Angle

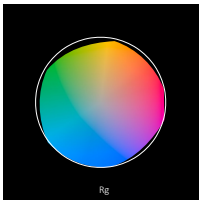


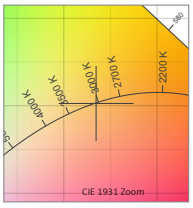
VERS-04-DW-2.5HE-30-DRY-GZR

3031 K

CRI: 98.0
CRI R9: 95.8
TM30 Rf: 93.3
TM30 Rg: 99.3
CQS: 95.0
X: 0.435
Y: 0.403
U: 0.250
V: 0.347
Δuv: -0.0003



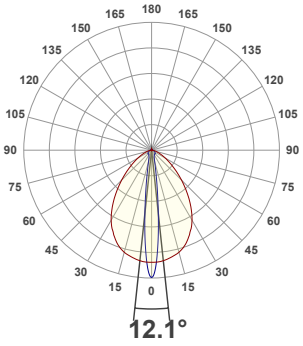




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.3	99.0	97.8	98.7	98.1	97.1	97.4	97.3	95.8	99.8	98.1	83.0	98.3	97.7	98.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.4	95.9	93.3	92.4	93.7	95.5	97.6	97.8	97.5	97.8	98.4	97.7	97.9	96.1	94.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.9	97.3	96.7	93.1	92.7	96.7	90.6	95.7	91.6	89.1	90.5	92.7	94.2	92.9	91.5	90.7

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	-1%
3	97	0%	-1%
4	93	-4%	-3%
5	93	-6%	0%
6	97	-2%	1%
7	91	-4%	5%
8	96	-1%	3%
9	92	0%	6%
10	89	2%	6%
11	90	4%	6%
12	93	4%	-1%
13	94	0%	-4%
14	93	3%	-4%
15	91	-1%	-1%
16	91	1%	-7%

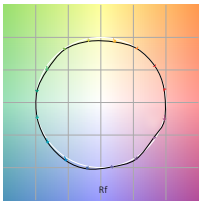
Beam Angle

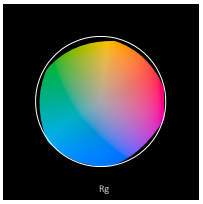


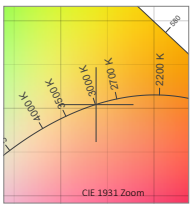
VERS-04-DW-2.5HE-30-DRY-25D

2988 K

CRI: 98.0
CRI R9: 95.3
TM30 Rf: 93.5
TM30 Rg: 99.2
CQS: 95.2
X: 0.438
Y: 0.404
U: 0.251
V: 0.348
Δuv: -0.0002



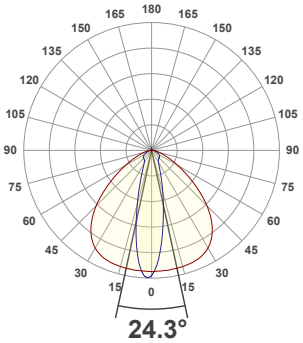




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.3	99.0	97.9	98.7	98.1	97.1	97.4	97.3	95.3	99.8	97.8	84.0	98.3	97.7	98.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.5	95.8	93.8	93.0	94.0	95.6	97.8	98.0	97.3	97.3	98.0	97.4	97.6	96.1	94.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.1	97.4	96.7	91.9	94.7	96.6	90.8	95.8	92.0	90.0	91.0	92.9	94.2	93.1	93.0	90.6

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	-1%
3	97	0%	-1%
4	92	-5%	-3%
5	95	-4%	0%
6	97	-2%	1%
7	91	-4%	5%
8	96	0%	3%
9	92	0%	5%
10	90	2%	6%
11	91	4%	6%
12	93	4%	-1%
13	94	0%	-4%
14	93	2%	-4%
15	93	-3%	1%
16	91	1%	-7%

Beam Angle



NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-29-24

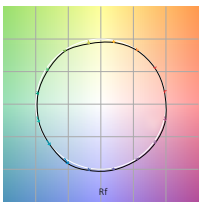
VERS-GRAZER-DW-HE(04)

Linear Fixtures Color Data

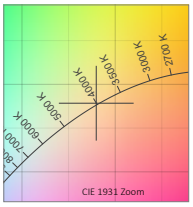
VERS-04-DW-2.5HE-40-DRY-GZR

4038 K

CRI: 97.2
CRI R9: 99.1
TM30 Rf: 92.1
TM30 Rg: 99.4
CQS: 94.7
X: 0.380
Y: 0.378
U: 0.224
V: 0.335
Δuv: 0.0010





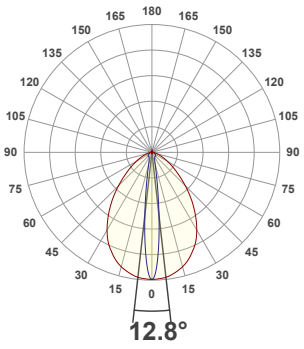


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.5	98.3	95.1	97.5	96.3	94.9	98.7	98.1	99.1	93.9	97.2	71.4	98.6	96.7	96.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.3	98.9	89.3	88.2	92.3	94.8	97.0	98.4	97.6	97.8	97.9	98.9	99.3	99.1	97.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.8	97.1	96.0	92.7	91.2	96.1	93.7	92.6	89.1	86.9	86.0	92.2	94.8	94.4	90.0	89.9

TM30

Hue Bin	R_f	Chroma	Hue
1	95	-1%	0%
2	97	0%	0%
3	96	-1%	0%
4	93	-3%	-1%
5	91	-5%	0%
6	96	-2%	1%
7	94	-4%	2%
8	93	-2%	4%
9	89	-1%	8%
10	87	0%	8%
11	86	4%	9%
12	92	3%	3%
13	95	3%	-1%
14	94	2%	0%
15	90	3%	-4%
16	90	2%	-5%

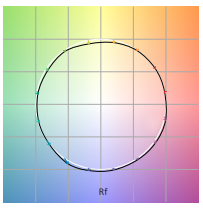
Beam Angle

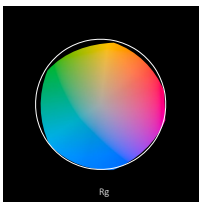


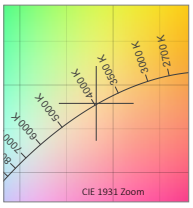
VERS-04-DW-2.5HE-40-DRY-25D

3981 K

CRI: 97.4
CRI R9: 98.0
TM30 Rf: 92.4
TM30 Rg: 99.6
CQS: 94.9
X: 0.382
Y: 0.379
U: 0.225
V: 0.335
Δuv: 0.0006





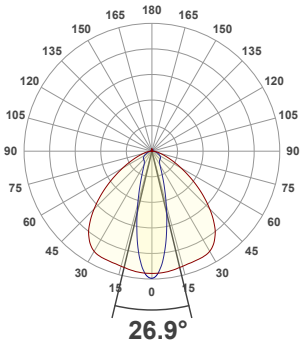


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.9	98.6	95.1	98.1	96.8	95.3	98.7	97.9	98.0	94.7	97.6	72.7	99.1	96.7	96.6
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.6	99.0	89.6	88.7	92.7	95.4	97.1	98.6	97.5	97.8	98.1	99.2	99.2	99.0	96.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.0	97.3	96.2	92.9	91.4	96.1	93.9	92.8	89.4	87.4	86.5	92.6	95.0	94.6	90.4	90.3

TM30

Hue Bin	R_f	Chroma	Hue
1	95	0%	0%
2	97	0%	-1%
3	96	0%	0%
4	93	-3%	-1%
5	91	-5%	0%
6	96	-2%	1%
7	94	-3%	2%
8	93	-2%	4%
9	89	-1%	8%
10	87	0%	8%
11	86	4%	9%
12	93	3%	3%
13	95	3%	-1%
14	95	2%	0%
15	90	3%	-3%
16	90	2%	-5%

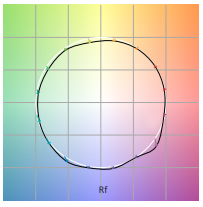
Beam Angle

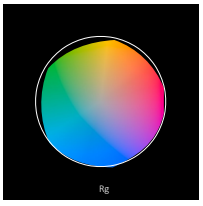


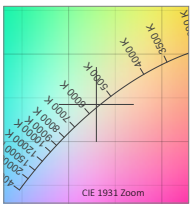
VERS-04-DW-2.5HE-55-DRY-GZR

5625 K

CRI: 96.8
CRI R9: 97.0
TM30 Rf: 91.5
TM30 Rg: 98.7
CQS: 94.0
X: 0.330
Y: 0.342
U: 0.205
V: 0.319
Δuv: 0.0014





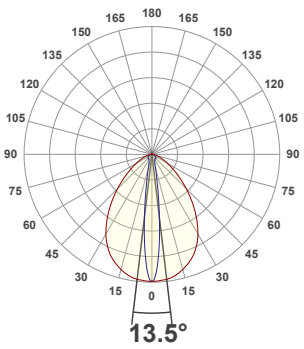


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.9	99.5	97.8	95.6	95.7	95.1	96.6	96.6	97.0	98.6	97.2	71.8	99.2	98.7	94.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.2	98.3	89.6	86.8	90.3	93.0	97.7	98.1	98.6	98.4	97.2	97.8	98.5	98.3	96.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
93.2	96.9	95.3	92.2	90.2	95.4	92.1	88.8	87.9	85.5	86.2	96.7	93.6	94.4	85.1	95.9

TM30

Hue Bin	R_f	Chroma	Hue
1	93	-1%	1%
2	97	0%	0%
3	95	-1%	-1%
4	92	-3%	-2%
5	90	-6%	-2%
6	95	-3%	0%
7	92	-5%	3%
8	89	-3%	6%
9	88	-2%	11%
10	85	1%	9%
11	86	4%	8%
12	97	2%	0%
13	94	3%	-2%
14	94	0%	-2%
15	85	8%	-8%
16	96	-1%	1%

Beam Angle



NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-29-24

VERS-GRAZER-DW-HE(04)

Linear Fixtures Color Data

VERS-04-DW-2.5HE-55-DRY-25D

5482 K

CRI: 97.0

CRI R9: 96.5

TM30 Rf: 91.9

TM30 Rg: 98.8

CQS: 94.3

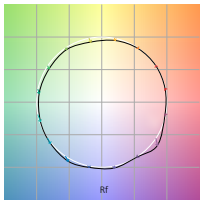
X: 0.333

Y: 0.345

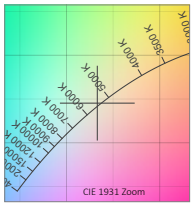
U: 0.206

V: 0.320

Δuv: 0.0014



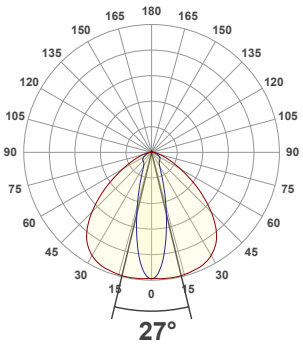




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.0	99.5	97.7	96.0	95.9	95.3	96.9	96.8	96.5	98.5	97.4	72.9	99.3	98.6	95.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.6	98.5	89.8	87.3	90.8	93.4	97.8	98.3	98.5	98.4	97.3	97.9	98.6	98.4	96.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
93.5	97.1	95.4	92.5	90.5	95.7	92.5	89.3	88.3	86.0	86.6	96.9	94.0	94.7	85.6	96.1

TM30			
Hue Bin	R_f	Chroma	Hue
1	93	-1%	1%
2	97	0%	0%
3	95	-1%	-1%
4	93	-3%	-2%
5	91	-6%	-1%
6	96	-3%	0%
7	92	-4%	2%
8	89	-3%	6%
9	88	-2%	11%
10	86	1%	9%
11	87	4%	7%
12	97	2%	0%
13	94	3%	-1%
14	95	0%	-2%
15	86	8%	-8%
16	96	-1%	1%

Beam Angle



NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-29-24

VERS-GRAZER-DW-HE(04)

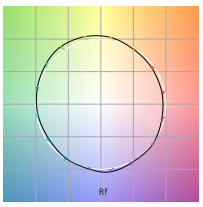
Linear Fixtures Color Data

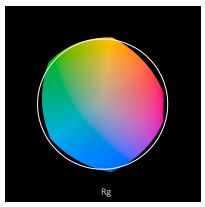
4.0HE W/FT

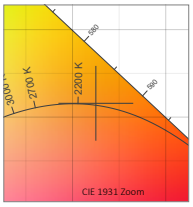
VERS-04-DW-4.0HE-20-DRY-GZR

2031 K

CRI: 92.5
CRI R9: 59.7
TM30 Rf: 90.0
TM30 Rg: 101.6
CQS: 80.0
X: 0.525
Y: 0.416
U: 0.303
V: 0.359
Δuv: 0.0007





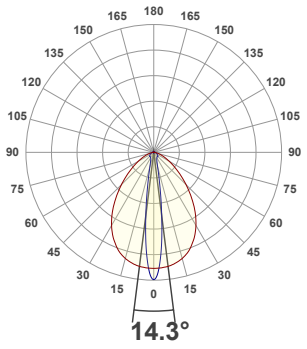


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.2	95.8	95.3	94.0	92.4	96.5	91.6	80.8	59.7	88.2	96.1	87.2	94.0	95.5	87.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
75.5	84.4	81.9	82.0	79.4	75.8	77.0	81.1	87.4	84.3	82.8	83.5	83.6	77.1	76.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
89.9	89.6	88.9	90.5	91.8	89.7	88.3	90.2	91.1	93.0	91.9	89.6	90.8	75.4	87.2	88.2

TM30

Hue Bin	R_f	Chroma	Hue
1	90	-5%	-2%
2	90	-4%	4%
3	89	-2%	6%
4	91	4%	6%
5	92	6%	5%
6	90	8%	2%
7	88	4%	-7%
8	90	1%	-7%
9	91	-2%	-5%
10	93	-4%	0%
11	92	-1%	4%
12	90	1%	3%
13	91	5%	-8%
14	75	1%	-14%
15	87	0%	-9%
16	88	-4%	-7%

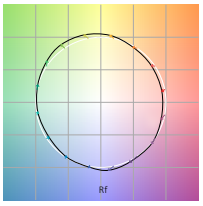
Beam Angle

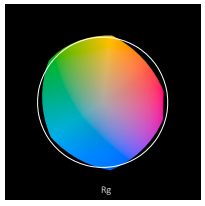


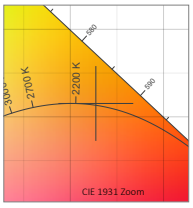
VERS-04-DW-4.0HE-20-DRY-25D

2008 K

CRI: 92.1
CRI R9: 57.8
TM30 Rf: 89.9
TM30 Rg: 101.3
CQS: 79.2
X: 0.527
Y: 0.415
U: 0.304
V: 0.360
Δuv: 0.0006





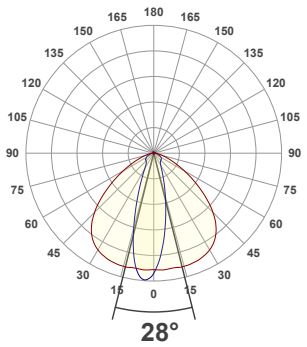


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92.6	95.7	95.8	93.3	91.8	96.5	91.0	79.7	57.8	88.1	95.4	87.5	93.5	95.8	87.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
74.6	83.6	81.3	81.2	78.9	75.5	76.3	80.1	86.7	83.6	82.3	82.8	82.7	76.1	75.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
89.6	89.2	88.4	90.5	91.8	89.9	88.4	90.2	91.2	92.9	91.8	89.7	90.5	74.6	87.1	88.1

TM30

Hue Bin	R_f	Chroma	Hue
1	90	-5%	-1%
2	89	-4%	4%
3	88	-2%	6%
4	90	4%	6%
5	92	7%	5%
6	90	8%	2%
7	88	4%	-7%
8	90	0%	-7%
9	91	-2%	-4%
10	93	-4%	0%
11	92	-1%	4%
12	90	1%	3%
13	91	5%	-8%
14	75	1%	-14%
15	87	0%	-9%
16	88	-4%	-7%

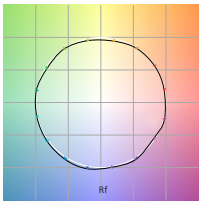
Beam Angle

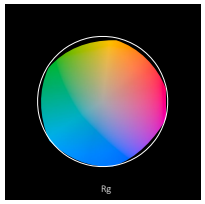


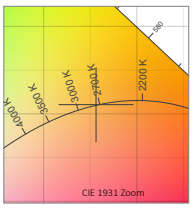
VERS-04-DW-4.0HE-27-DRY-GZR

2755 K

CRI: 98.0
CRI R9: 93.1
TM30 Rf: 94.8
TM30 Rg: 100.0
CQS: 95.5
X: 0.456
Y: 0.411
U: 0.260
V: 0.351
Δuv: 0.0003





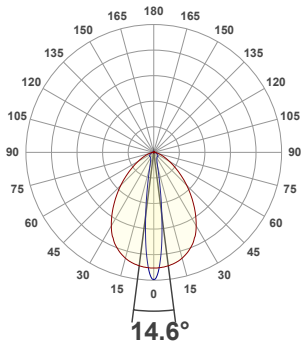


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.3	99.5	96.9	98.0	98.6	97.3	98.2	97.3	93.1	99.1	95.4	87.5	98.4	97.1	98.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.6	95.7	94.0	94.5	96.2	97.7	96.6	97.8	96.7	96.5	96.5	96.2	96.7	95.8	94.7
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.2	97.9	96.8	94.0	95.8	97.1	93.6	97.1	94.7	93.3	93.0	92.9	94.3	93.2	93.9	91.0

TM30

Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	94	-4%	-2%
5	96	-3%	1%
6	97	0%	2%
7	94	-2%	3%
8	97	1%	2%
9	95	1%	3%
10	93	2%	4%
11	93	3%	4%
12	93	4%	-1%
13	94	1%	-4%
14	93	3%	-4%
15	94	-2%	0%
16	91	1%	-7%

Beam Angle



NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-29-24

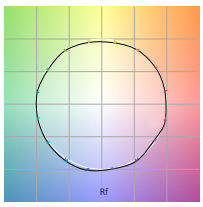
VERS-GRAZER-DW-HE(04)

Linear Fixtures Color Data

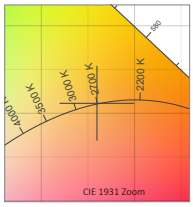
VERS-04-DW-4.0HE-27-DRY-25D

2712 K

CRI: 97.9
CRI R9: 91.5
TM30 Rf: 94.6
TM30 Rg: 99.7
CQS: 95.2
X: 0.460
Y: 0.411
U: 0.262
V: 0.352
Δuv: 0.0003



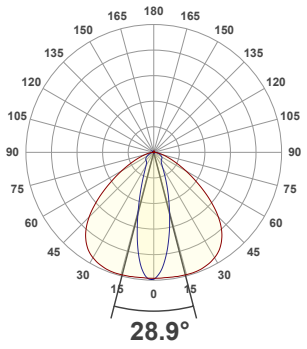




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.5	99.4	97.4	98.3	98.6	97.1	97.6	96.4	91.5	99.4	95.6	87.9	98.4	97.3	98.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.1	95.3	94.2	94.5	95.8	97.1	96.9	97.7	96.3	96.0	96.2	96.0	96.7	95.3	94.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.8	97.9	96.7	93.7	95.7	96.9	94.6	96.7	94.3	93.1	93.2	92.7	93.9	93.0	93.6	91.1

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	94	-4%	-2%
5	96	-3%	1%
6	97	0%	2%
7	95	-2%	3%
8	97	1%	2%
9	94	1%	3%
10	93	2%	4%
11	93	3%	4%
12	93	4%	-2%
13	94	1%	-5%
14	93	2%	-5%
15	94	-2%	0%
16	91	0%	-7%

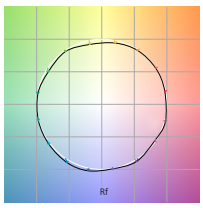
Beam Angle



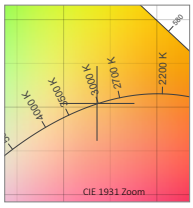
VERS-04-DW-4.0HE-30-DRY-GZR

3023 K

CRI: 98.0
CRI R9: 92.4
TM30 Rf: 93.3
TM30 Rg: 99.0
CQS: 95.0
X: 0.436
Y: 0.404
U: 0.250
V: 0.348
Δuv: 0.0002



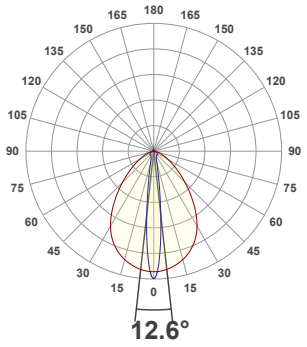




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.9	99.5	97.9	98.7	98.3	97.4	97.1	96.3	92.4	99.0	98.6	83.4	99.0	97.8	98.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.4	95.8	93.5	92.5	93.7	95.4	97.8	97.8	97.2	97.0	97.9	97.7	98.0	96.0	94.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.8	97.4	96.9	93.3	92.8	96.5	90.8	95.6	91.7	89.3	90.6	92.7	94.0	92.6	91.4	90.5

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	0%
3	97	-1%	0%
4	93	-4%	-2%
5	93	-6%	0%
6	97	-2%	1%
7	91	-4%	4%
8	96	-1%	3%
9	92	0%	6%
10	89	1%	6%
11	91	4%	6%
12	93	4%	-1%
13	94	0%	-4%
14	93	3%	-5%
15	91	-1%	-2%
16	90	1%	-7%

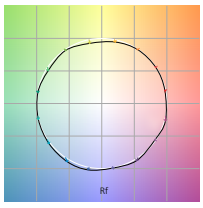
Beam Angle

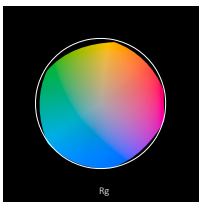


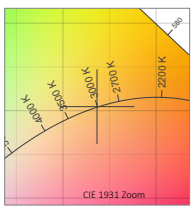
VERS-04-DW-4.0HE-30-DRY-25D

3014 K

CRI: 98.2
CRI R9: 93.2
TM30 Rf: 93.7
TM30 Rg: 99.3
CQS: 95.2
X: 0.437
Y: 0.405
U: 0.250
V: 0.348
Δuv: 0.0003



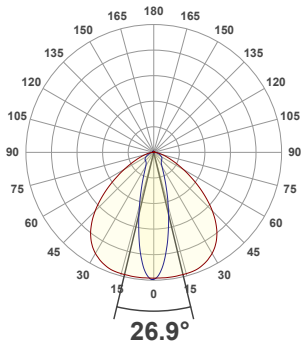




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.9	99.7	97.5	99.0	98.5	97.7	97.5	96.8	93.2	98.7	98.3	84.0	99.0	97.5	98.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.9	96.0	93.5	92.8	94.1	95.9	97.5	97.9	97.2	97.1	97.7	97.6	97.8	96.2	94.8
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.2	97.6	97.0	93.8	93.2	96.8	91.6	96.1	92.4	90.2	91.0	92.9	94.4	93.0	91.9	90.9

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	98	0%	0%
3	97	-1%	0%
4	94	-3%	-2%
5	93	-6%	0%
6	97	-1%	1%
7	92	-4%	4%
8	96	-1%	3%
9	92	0%	5%
10	90	2%	6%
11	91	4%	6%
12	93	4%	-1%
13	94	0%	-4%
14	93	3%	-4%
15	92	-1%	-1%
16	91	1%	-7%

Beam Angle



NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-29-24

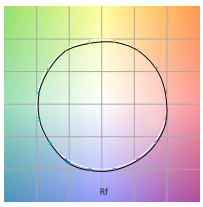
VERS-GRAZER-DW-HE(04)

Linear Fixtures Color Data

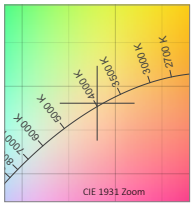
VERS-04-DW-4.0HE-40-DRY-GZR

4032 K

CRI: 96.8
CRI R9: 96.4
TM30 Rf: 92.5
TM30 Rg: 99.5
CQS: 94.8
X: 0.380
Y: 0.381
U: 0.224
V: 0.336
Δuv: 0.0018



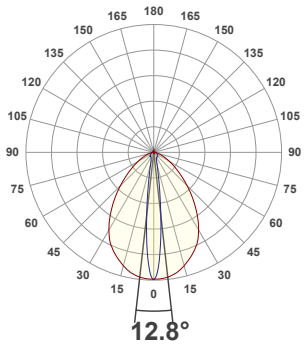




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.8	97.3	94.4	97.3	95.8	94.1	99.3	98.5	96.4	91.9	96.6	71.7	97.7	96.4	96.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
94.1	99.1	89.2	88.5	92.7	94.9	96.6	98.3	97.5	97.3	97.5	98.4	98.8	99.3	97.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.0	97.2	95.9	93.1	91.8	96.3	94.4	93.4	90.0	87.4	86.1	91.8	94.9	94.6	90.3	90.0

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	0%
2	97	-1%	0%
3	96	-1%	0%
4	93	-3%	-1%
5	92	-5%	0%
6	96	-1%	1%
7	94	-3%	2%
8	93	-2%	3%
9	90	-2%	7%
10	87	-1%	8%
11	86	4%	9%
12	92	3%	3%
13	95	3%	-1%
14	95	3%	0%
15	90	3%	-4%
16	90	2%	-6%

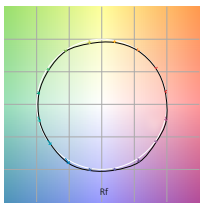
Beam Angle

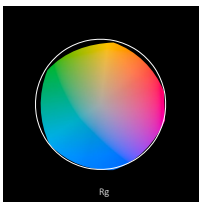


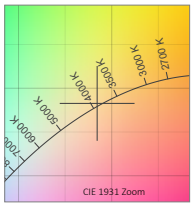
VERS-04-DW-4.0HE-40-DRY-25D

3944 K

CRI: 97.1
CRI R9: 97.5
TM30 Rf: 92.7
TM30 Rg: 99.6
CQS: 95.0
X: 0.384
Y: 0.383
U: 0.225
V: 0.336
Δuv: 0.0016



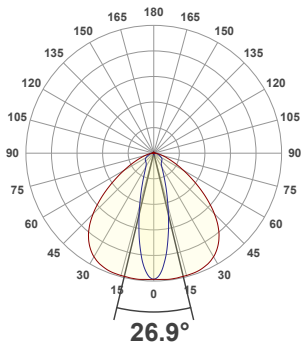




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.3	97.6	94.5	97.7	96.2	94.6	99.2	98.6	97.5	92.5	97.1	72.9	98.1	96.4	96.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
94.2	99.1	89.7	89.1	93.0	95.3	96.9	98.5	97.5	97.5	97.8	98.6	98.9	99.4	97.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.2	97.4	96.1	93.2	91.9	96.3	94.4	93.4	90.2	87.7	86.6	92.3	95.0	94.0	91.7	90.3

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	0%
2	97	0%	-1%
3	96	-1%	0%
4	93	-3%	-1%
5	92	-5%	0%
6	96	-2%	1%
7	94	-3%	2%
8	93	-2%	3%
9	90	-2%	7%
10	88	-1%	8%
11	87	4%	9%
12	92	3%	3%
13	95	3%	-1%
14	94	6%	-1%
15	92	2%	-2%
16	90	2%	-5%

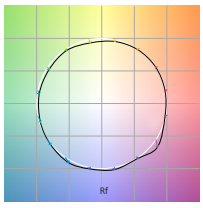
Beam Angle

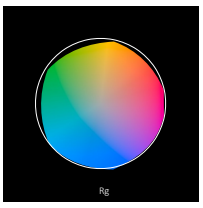


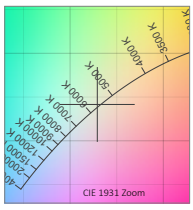
VERS-04-DW-4.0HE-55-DRY-GZR

5650 K

CRI: 97.1
CRI R9: 98.1
TM30 Rf: 92.2
TM30 Rg: 99.2
CQS: 94.2
X: 0.329
Y: 0.342
U: 0.204
V: 0.318
Δuv: 0.0016



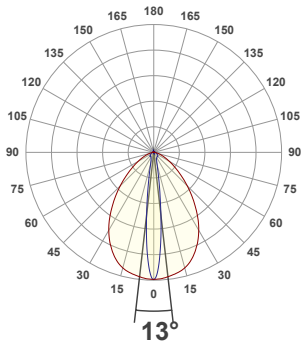




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.0	99.4	97.0	96.6	96.1	94.8	97.7	97.5	98.1	97.1	97.4	73.2	99.6	98.2	95.6
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.6	99.0	89.1	86.9	91.1	94.0	97.6	98.2	98.1	97.6	96.5	97.3	98.2	98.6	96.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
93.8	97.1	95.4	93.1	90.5	96.4	93.4	90.4	89.0	86.2	86.1	96.6	94.2	94.8	85.6	96.4

TM30			
Hue Bin	R_f	Chroma	Hue
1	94	-1%	1%
2	97	0%	1%
3	95	-1%	0%
4	93	-3%	-1%
5	91	-5%	-1%
6	96	-2%	0%
7	93	-4%	2%
8	90	-3%	5%
9	89	-2%	10%
10	86	0%	9%
11	86	4%	8%
12	97	2%	1%
13	94	3%	-1%
14	95	1%	-2%
15	86	8%	-8%
16	96	-1%	0%

Beam Angle



NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-29-24

VERS-GRAZER-DW-HE(04)

Linear Fixtures Color Data

VERS-04-DW-4.0HE-55-DRY-25D

5469 K

CRI: 97.2

CRI R9: 98.4

TM30 Rf: 92.4

TM30 Rg: 99.1

CQS: 94.5

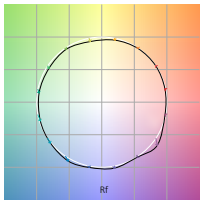
X: 0.333

Y: 0.345

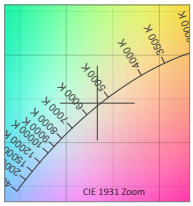
U: 0.206

V: 0.320

Δuv: 0.0016



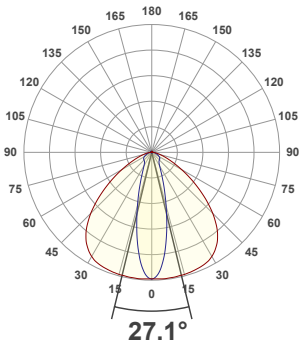




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.1	99.5	97.3	96.7	96.2	95.2	97.5	97.4	98.4	97.6	97.5	74.4	99.6	98.4	95.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.6	98.9	89.6	87.6	91.4	94.2	97.7	98.2	98.3	97.8	96.8	97.4	98.2	98.5	96.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
93.9	97.2	95.6	93.2	91.5	96.4	93.5	90.5	89.3	86.7	86.9	96.7	94.3	94.9	86.0	96.5

TM30			
Hue Bin	R_f	Chroma	Hue
1	94	-1%	1%
2	97	0%	1%
3	96	-1%	0%
4	93	-3%	-1%
5	91	-5%	-1%
6	96	-2%	0%
7	93	-4%	2%
8	91	-3%	5%
9	89	-2%	10%
10	87	0%	9%
11	87	4%	7%
12	97	2%	1%
13	94	3%	-1%
14	95	1%	-2%
15	86	8%	-8%
16	96	-1%	0%

Beam Angle



NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-29-24

VERS-GRAZER-WD(03)

Linear Fixtures Color Data

6.0 W/FT

VERS-04-WD-6.0-27-DRY-GZR

2815 K

CRI: 97.5

CRI R9: 95.6

TM30 Rf: 93.1

TM30 Rg: 98.4

CQS: 93.4

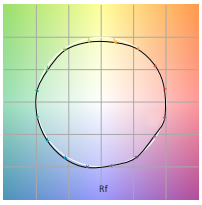
X: 0.454

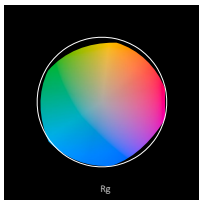
Y: 0.415

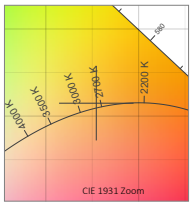
U: 0.257

V: 0.352

Δuv: 0.0021





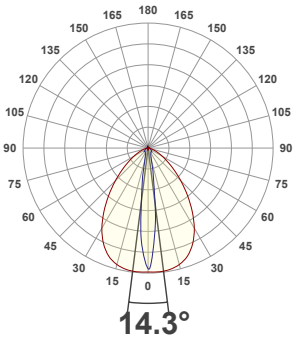


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.4	99.0	96.7	96.5	97.7	97.2	97.6	97.6	95.6	98.8	94.1	87.0	97.6	97.0	98.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.2	94.2	96.4	96.3	96.1	95.4	95.1	94.0	91.6	89.7	91.8	92.6	94.4	96.8	94.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.3	96.6	94.7	90.0	93.3	94.3	88.9	93.9	92.3	91.8	93.1	93.0	93.7	93.7	92.3	91.4

TM30

Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	-2%
3	95	-1%	-2%
4	90	-6%	-4%
5	93	-6%	0%
6	94	-3%	3%
7	89	-4%	6%
8	94	1%	4%
9	92	1%	5%
10	92	2%	5%
11	93	4%	4%
12	93	3%	-2%
13	94	-1%	-5%
14	94	1%	-4%
15	92	-3%	2%
16	91	1%	-6%

Beam Angle



VERS-04-WD-6.0-27-DRY-25D

2820 K

CRI: 97.4

CRI R9: 96.8

TM30 Rf: 93.5

TM30 Rg: 98.5

CQS: 93.4

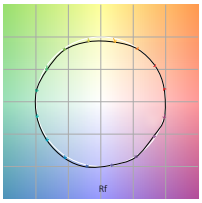
X: 0.454

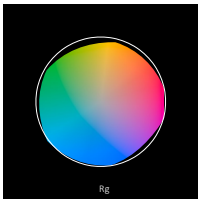
Y: 0.415

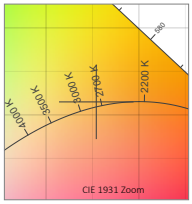
U: 0.257

V: 0.352

Δuv: 0.0022





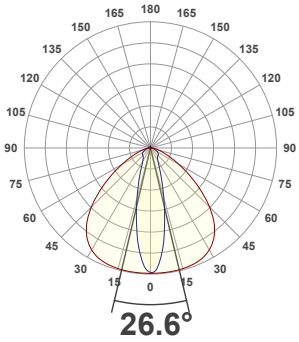


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.2	99.0	96.5	96.2	97.5	97.4	97.8	98.0	96.8	98.8	93.7	87.9	97.4	96.9	98.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.7	94.3	96.7	96.8	96.6	95.8	95.1	93.8	91.5	89.5	91.6	92.4	94.1	97.0	94.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.7	96.5	94.7	90.4	93.6	94.4	89.5	94.2	92.9	92.5	93.7	93.3	94.1	94.2	92.8	92.0

TM30

Hue Bin	R_f	Chroma	Hue
1	96	0%	1%
2	97	0%	-2%
3	95	-1%	-3%
4	90	-5%	-4%
5	94	-5%	0%
6	94	-2%	3%
7	90	-4%	6%
8	94	1%	4%
9	93	1%	4%
10	93	2%	5%
11	94	4%	3%
12	93	3%	-2%
13	94	-1%	-4%
14	94	1%	-4%
15	93	-3%	2%
16	92	1%	-6%

Beam Angle



NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-29-24

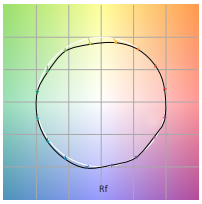
VERS-GRAZER-WD(03)

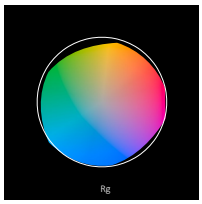
Linear Fixtures Color Data

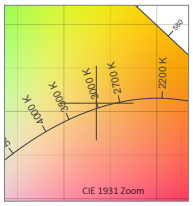
VERS-04-WD-6.0-30-DRY-GZR

3081 K

CRI: 97.0
CRI R9: 98.0
TM30 Rf: 91.5
TM30 Rg: 97.7
CQS: 92.9
X: 0.435
Y: 0.410
U: 0.247
V: 0.349
Δuv: 0.0025





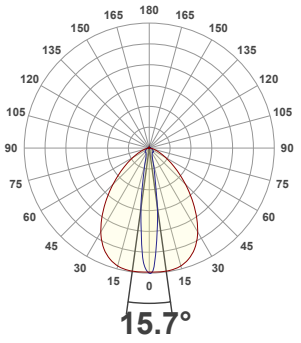


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.0	98.4	97.6	96.1	97.1	96.9	96.2	96.7	98.0	97.9	95.2	83.4	97.0	97.6	97.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
88.5	93.2	96.9	95.7	94.5	93.3	94.6	93.7	91.3	89.5	92.5	93.1	94.6	96.9	93.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.2	95.9	93.3	88.4	89.6	92.8	85.5	92.3	89.7	88.7	91.9	91.6	93.1	93.2	90.4	91.0

TM30

Hue Bin	R_f	Chroma	Hue
1	94	0%	2%
2	96	1%	-2%
3	93	-1%	-3%
4	88	-6%	-5%
5	90	-9%	-1%
6	93	-4%	3%
7	85	-6%	8%
8	92	0%	5%
9	90	1%	7%
10	89	3%	6%
11	92	4%	4%
12	92	5%	-3%
13	93	-1%	-5%
14	93	1%	-4%
15	90	-2%	0%
16	91	1%	-6%

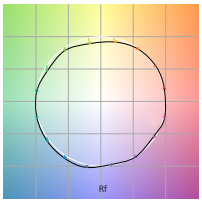
Beam Angle

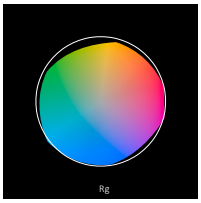


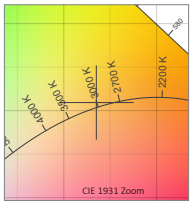
VERS-04-WD-6.0-30-DRY-25D

3078 K

CRI: 96.8
CRI R9: 98.6
TM30 Rf: 91.7
TM30 Rg: 97.8
CQS: 93.0
X: 0.435
Y: 0.409
U: 0.247
V: 0.349
Δuv: 0.0023





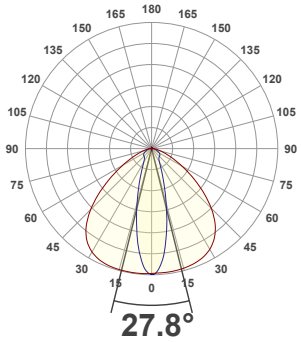


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.6	98.2	97.5	95.8	96.7	96.5	96.3	96.7	98.6	97.6	94.5	84.1	96.6	97.6	97.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
88.7	93.2	97.2	96.2	95.0	93.6	94.5	93.7	91.3	89.6	92.4	92.9	94.4	96.8	93.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.3	95.7	93.1	88.5	89.8	93.0	85.8	92.5	90.0	89.2	92.2	91.7	93.2	93.4	90.6	91.3

TM30

Hue Bin	R_f	Chroma	Hue
1	94	0%	2%
2	96	1%	-2%
3	93	-1%	-3%
4	88	-6%	-5%
5	90	-9%	-1%
6	93	-4%	3%
7	86	-5%	7%
8	92	0%	5%
9	90	1%	7%
10	89	3%	6%
11	92	4%	3%
12	92	4%	-3%
13	93	-1%	-5%
14	93	1%	-4%
15	91	-2%	0%
16	91	1%	-6%

Beam Angle



NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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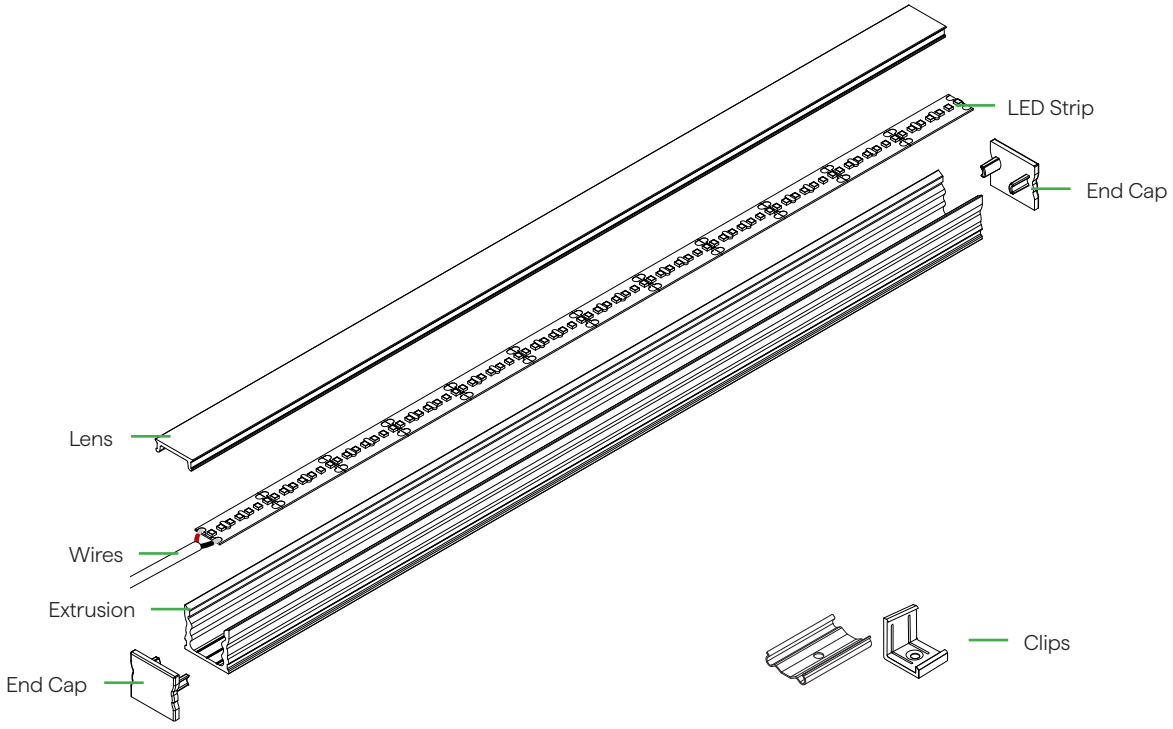
Specification subject to change. Rev-02-29-24

MATERIAL RECYCLING

LINEAR FIXTURES/EXTRUSIONS

You may be done with your products, but chances are they still have more to give. Follow these instructions to break down and sort recyclable components. Check with local recycling collection to ensure they accept the materials listed below.

Additionally, Q-Tran offers a Takeback Program. Contact factory for information.



7	E	41	40
Lens Plastic End Caps Plastic Clips	LED Strip Wires	Extrusion Metal End Caps	Stainless Steel Clips

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