VERS-NANO-LOUVER (11) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

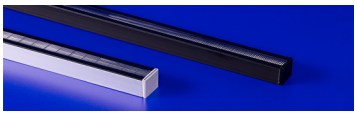
410.2 & 410.16 Closet Rated up to 4.0W/ft

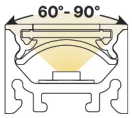
1-BIN 1-STEP STANDARD AND HE

5 YEAR WARRANTY

BUY AMERICAN ACT COMPLIANT

BUILD AMERICA, BUY AMERICA COMPLIANT





- Features a co-extruded lens with integrated louvers that provide 35° viewing angles, delivering exceptional glare control ideal for direct view applications.
- The Crosswise louver reduces end-view glare while the Lengthwise louver reduces side-view glare.
- Lens options include frosted or diffused finishes to suit various lighting requirements.
- Integrated metal endcaps combined with extruded aluminum housing give this LED fixture a polished modern look.
- White Optics, an internal coating that results in greater lumen output, comes standard in all VERS LED fixtures.
- Consult factory for field assembly options.
- Can be suitable for exterior use when specified as wet, contact factory for more information.

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

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

ADDITIONAL INFORMATION REQUIRED TO ORDER

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

Sample Part Number: **VERS-11-SW-5.0-30-DRY-DF-C-P1A-BW-BW-BK-CL2-CC-BK-48"-E**

1 PRODUCT

VERS-11-SW
VERS-11-SW-USA

Select USA option for BAA and BABA projects. Only DRY or WET ratings apply.

See following pages for compatible power supplies.

2 WATTS/FT

1.5	1.5W/ft
3.0	3.0W/ft
4.0	4.0W/ft
5.0	5.0W/ft
1.5HE	1.5W/ft HE
3.0HE	3.0W/ft HE
6.0HE	6.0W/ft HE
9.0HE	9.0W/ft HE

1.5	1.5W/ft
3.0	3.0W/ft
4.0	4.0W/ft
5.0	5.0W/ft
1.5HE	1.5W/ft HE
3.0HE	3.0W/ft HE
6.0HE	6.0W/ft HE

1.5	1.5W/ft
3.0	3.0W/ft
4.0	4.0W/ft
5.0	5.0W/ft

3 CCT

18	1800K
20	2000K
22	2200K
24	2400K
27	2700K
30	3000K
35	3500K
40	4000K

18	1800K
20	2000K
22	2200K
24	2400K
27	2700K
30	3000K
35	3500K
40	4000K

18	1800K
20	2000K
22	2200K
24	2400K
27	2700K
30	3000K
35	3500K
40	4000K

4 RATED

DRY	IP20

DMP	IP54

WET	IP67

WET Rated can be suitable for exterior use. Contact factory for details

5 INTERNAL LENS

DF	Diffused Internal
FR	Frosted Internal

For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages. See VERS-04 for additional 25° lens option.

6 INTERNAL LOUVER

C	Crosswise Internal
L	Lengthwise Internal

Louver slats are angled. Refer to diagrams to identify the side of the fixture with the most visual cutoff.

7 WIRE INPUT/OUTPUT

SINGLE (Input only)

S1A	End Feed
S1B	End Feed
S2A	Bottom Feed
S2B	Bottom Feed

PASS THROUGH (Input/output)

P1A	End Feed
P1B	End Feed
P2A	Bottom Feed
P2B	Bottom Feed

When using TBC Mounting, a bare wire S2 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

13 FINISH

ST	Satin
BK	Black
BZ	Bronze
WH	White
CU	Custom

Finish applies only to aluminum extrusion and endcaps; cover lens and internal louver are always black. Custom finishes have longer lead times. Non-RAL 9003 whites are 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 match the exact length you specify, but they may have dim spots at the ends. Optimal fixtures are slightly shorter than the length specified, but provide full illumination from end to end. See Exact/Optimal Fixture Length charts.

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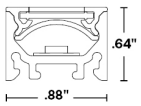
Specification subject to change. Rev-05-04-26

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

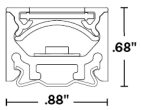
VERS-NANO-LOUVER (11) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

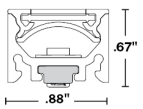
1 PRODUCT - DIMENSIONS



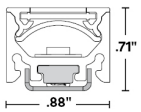
Profile with lens



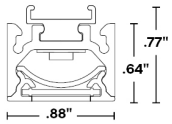
Profile with concealed clip



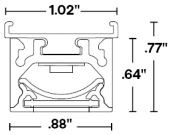
Profile with magnetic clip



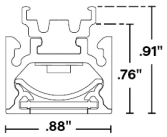
Profile with magnet mount clip & magnetic mount accessory



Profile with TBC-03



Profile with TBC-04



Profile with TBC-05

2 DELIVERED LUMENS

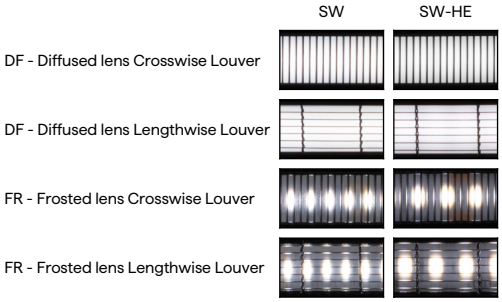
[Calculated L70 = 70000 hrs]
Tested with VERS-11-SW-**-30-DRY

	1.5W/FT			3.0W/FT			4.0W/FT			5.0W/FT		
	LM/FT	CRI	UGR	LM/FT	CRI	UGR	LM/FT	CRI	UGR	LM/FT	CRI	UGR
FR-C	38	98	≤ 6.4	64	98	≤ 8.4	82	98	≤ 8.8	100	98	≤ 10.2
FR-L	56	98	≤ 15.3	94	98	≤ 17.2	121	98	≤ 18.4	163	98	≤ 19.4
DF-C	34	98	≤ 10.6	55	98	≤ 12.4	72	98	≤ 13.4	90	98	≤ 14.0
DF-L	42	98	≤ 14.2	68	98	≤ 15.9	88	98	≤ 16.9	110	98	≤ 17.3

[Calculated L70 = 66000 hrs]
Tested with VERS-11-SW-HE-**-30-DRY

	1.5HE W/FT			3.0HE W/FT			6.0HE W/FT			9.0HE W/FT		
	LM/FT	CRI	UGR	LM/FT	CRI	UGR	LM/FT	CRI	UGR	LM/FT	CRI	UGR
FR-C	44	98	≤ 7.4	89	98	≤ 9.6	182	98	≤ 11.6	263	98	≤ 12.8
FR-L	66	98	≤ 15.7	131	98	≤ 18.3	269	98	≤ 20.8	373	98	≤ 21.7
DF-C	40	98	≤ 11.3	77	98	≤ 13.5	155	98	≤ 15.9	235	98	≤ 17.5
DF-L	48	98	≤ 14.4	97	98	≤ 17.2	191	98	≤ 19.4	278	98	≤ 20.4

5 DIODE VISIBILITY



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Specification subject to change. Rev-05-04-26

VERS-NANO-LOUVER (11) STATIC WHITE

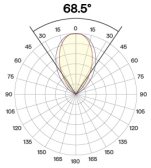
24VDC Linear Fixtures - Surface & Recessed

PHOTOMETRIC PERFORMANCE

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

5W/ft

68.5°



Diffused Crosswise
Internal lens

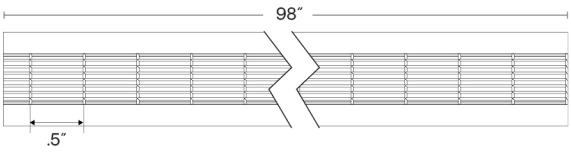


TEMPERATURE RATINGS

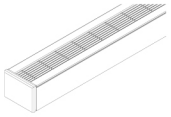
		1.5 W/FT		1.5 HE W/FT		3.0 W/FT		3.0 HE W/FT		4.0 W/FT		5.0 W/FT		6.0 HE W/FT		9.0 HE W/FT	
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
DRY	Ambient Operating Temp - Surface	-4°F	140°F	-4°F	145°F	-4°F	130°F	-4°F	135°F	-4°F	125°F	-4°F	120°F	-4°F	120°F	-4°F	100°F
DMP	Ambient Operating Temp - Surface	-4°F	140°F	-4°F	145°F	-4°F	130°F	-4°F	135°F	-4°F	125°F	-4°F	120°F	-4°F	120°F	—	—
WET	Ambient Operating Temp - Surface	-4°F	135°F	—	—	-4°F	125°F	—	—	-4°F	120°F	-4°F	115°F	—	—	—	—

6 INTERNAL LOUVER

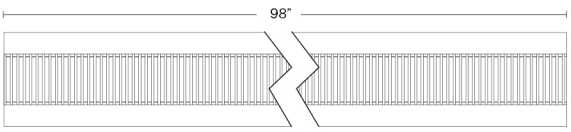
INTERNAL LOUVER - LENGTHWISE



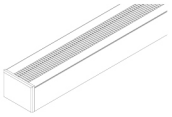
L



INTERNAL LOUVER - CROSSWISE



C



7 WIRE INPUT/OUTPUT

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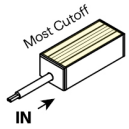
VERS-NANO-LOUVER (11) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

LENGTHWISE - SINGLE (Input only)

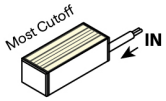
Reduced Side View Glare - Louver slats are angled towards one side of the fixture. Refer to diagrams to identify the side of the fixture with the most visual cutoff.

S1A



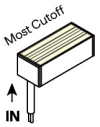
End Feed - Front

S1B



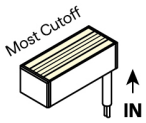
End Feed - Back

S2A



Bottom Feed - Front

S2B

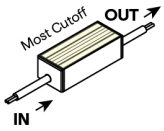


Bottom Feed - Back

LENGTHWISE - PASS THROUGH (Input /Output)

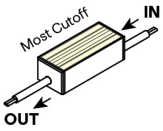
Reduced Side View Glare - Louver slats are angled towards one side of the fixture. Refer to diagrams to identify the side of the fixture with the most visual cutoff.

P1A



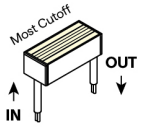
End Feed - Front

P1B



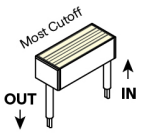
End Feed - Back

P2A



Bottom Feed - Front

P2B

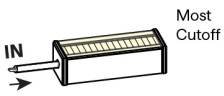


Bottom Feed - Back

CROSSWISE - SINGLE (Input only)

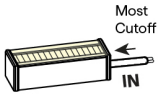
Reduced End View Glare - Louver slats are angled towards one end of the fixture. Refer to diagrams to identify the side of the fixture with the most visual cutoff.

S1A



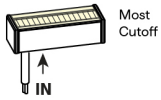
End Feed - Front

S1B



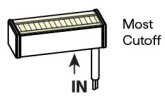
End Feed - Back

S2A



Bottom Feed - Front

S2B

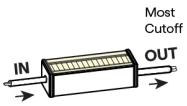


Bottom Feed - Back

CROSSWISE - PASS THROUGH (Input /Output)

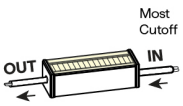
Reduced End View Glare - Louver slats are angled towards one end of the fixture. Refer to diagrams to identify the side of the fixture with the most visual cutoff.

P1A



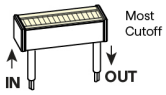
End Feed - Front

P1B



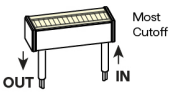
End Feed - Back

P2A



Bottom Feed - Front

P2B



Bottom Feed - Back

CONFIGURATION OPTIONS

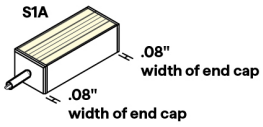
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VERS-NANO-LOUVER (11) STATIC WHITE

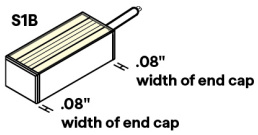
24VDC Linear Fixtures - Surface & Recessed

LENGTHWISE

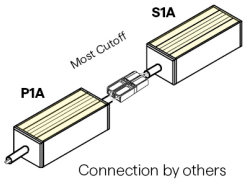
Reduced Side View Glare - Louver slats are angled towards one side of the fixture. Refer to diagrams to identify the side of the fixture with the most visual cutoff.



Single End Feed

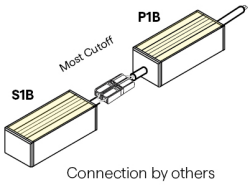


Single End Feed



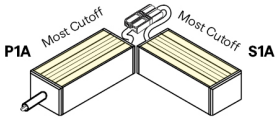
Connection by others

Non-Continuous End Feed



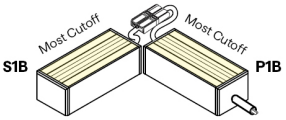
Connection by others

Non-Continuous End Feed



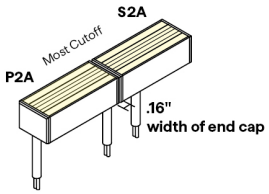
Connection by others

Non-Continuous Corner Feed

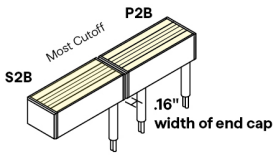


Connection by others

Non-Continuous Corner Feed



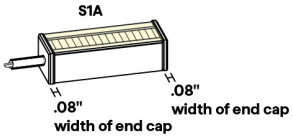
Continuous Bottom Feed



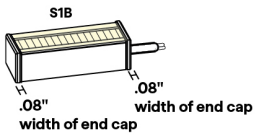
Continuous Bottom Feed

CROSSWISE

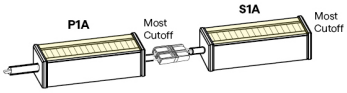
Reduced End View Glare - Louver slats are angled towards one end of the fixture. Refer to diagrams to identify the side of the fixture with the most visual cutoff.



Single End Feed

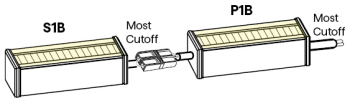


Single End Feed



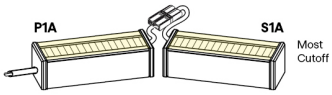
Connection by others

Non-Continuous End Feed



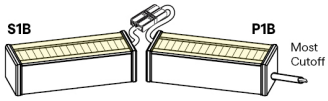
Connection by others

Non-Continuous End Feed



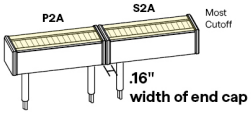
Connection by others

Non-Continuous Corner Feed

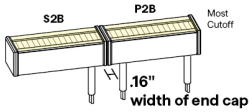


Connection by others

Non-Continuous Corner Feed



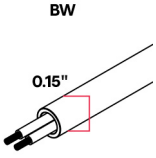
Continuous Bottom Feed



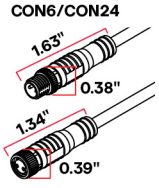
Continuous Bottom Feed

8/9 CONNECTOR/WIRE – IN/OUT

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

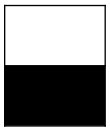


Bare Wire 36"
22 AWG



6" or 24" Overall
Wire Connector | 22 AWG
IP67 Rated, UL Listed

10 WIRE COLOR



White

Black

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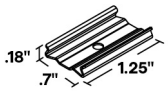
Specification subject to change. Rev-05-04-26

VERS-NANO-LOUVER (11) STATIC WHITE

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.

MG

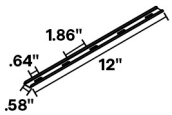


Magnet Clip

One MG provided per foot

To order separately use MG-02

MMA-02



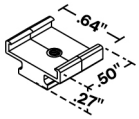
Magnet Mount
Accessory for MG-02

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

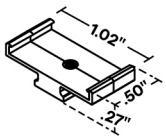
Use on 9/16" Flat Drop Ceiling

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

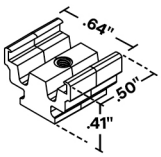
2 clips provided for first 12"; 1 clip provided for each additional 12" or less length. 1 T-Bar Mounting Jig included with each fixture.

To order separately use TBC-04

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

MOUNTING CONTINUED

TBC-05



Plastic T-Bar Clip

Use on 9/16" Tegular Drop Ceiling

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

13 FINISH



Satin

Black

Bronze

White

Finish applies only to aluminum extrusion and endcaps; cover lens and internal louver are always black. Custom finishes have longer lead times. Non-RAL 9003 whites are custom.

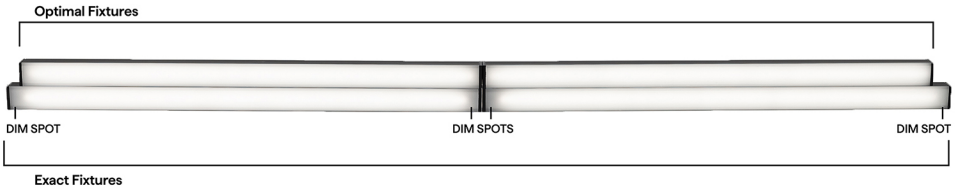
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VERS-NANO-LOUVER (11) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

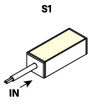
15 EXACT/OPTIMAL FIXTURE LENGTH

Exact fixtures are the exact length specified. Optimal fixtures' length is rounded down based on LED cut points to allow the fixture to be illuminated end to end. For runs with multiple fixtures that need to fill a specific length, it's recommended to order all optimal fixtures with an exact fixture at the end of the run.

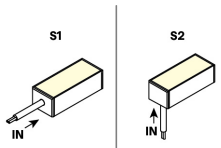
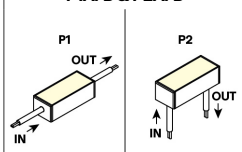


SW DRY DMP LENGTHS BY INCH

EXACT LENGTH

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

OPTIMAL LENGTH

Requested Nominal Length	S1A/B & S2A/B 		P1A/B & P2A/B 	
12"	11.49"		11.74"	
13"	12.49"		12.74"	
14"	13.49"		13.74"	
15"	14.49"		14.74"	
16"	15.49"		15.74"	
17"	16.49"		16.74"	
18"	17.49"		17.74"	
19"	18.49"		18.74"	
20"	19.49"		19.74"	
21"	20.49"		20.74"	
22"	21.49"		21.74"	
23"	22.49"		22.74"	
24"	23.49"		23.74"	
36"	35.49"		35.74"	
48"	47.49"		47.74"	
60"	59.49"		59.74"	
72"	71.49"		71.74"	
84"	83.49"		83.74"	
96"	95.49"		95.74"	

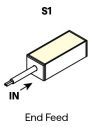
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VERS-NANO-LOUVER (11) STATIC WHITE

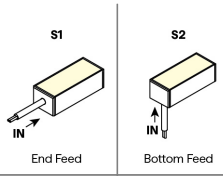
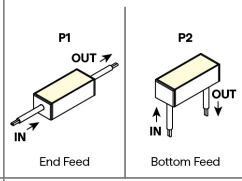
24VDC Linear Fixtures - Surface & Recessed

SW WET LENGTHS BY INCH

EXACT LENGTH

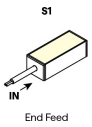
Requested Length	Potential dim spot on either end of a S1 fixture 
12"	0.5"
13"	0.5"
14"	0.5"
15"	0.5"
16"	0.5"
17"	0.5"
18"	0.5"
19"	0.5"
20"	0.5"
21"	0.5"
22"	0.5"
23"	0.5"
24"	0.5"
36"	0.5"
48"	0.5"
60"	0.5"
72"	0.5"
84"	0.5"
96"	0.5"

OPTIMAL LENGTH

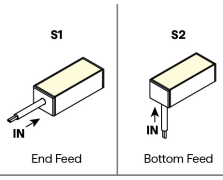
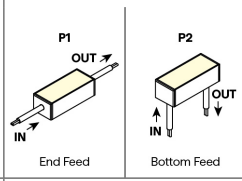
Requested Nominal Length	S1A/B & S2A/B 		P1A/B & P2A/B 	
12"	11.64"		11.79"	
13"	12.64"		12.79"	
14"	13.64"		13.79"	
15"	14.64"		14.79"	
16"	15.64"		15.79"	
17"	16.64"		16.79"	
18"	17.64"		17.79"	
19"	18.64"		18.79"	
20"	19.64"		19.79"	
21"	20.64"		20.79"	
22"	21.64"		21.79"	
23"	22.64"		22.79"	
24"	23.64"		23.79"	
36"	35.64"		35.79"	
48"	47.64"		47.79"	
60"	59.64"		59.79"	
72"	71.64"		71.79"	
84"	83.64"		83.79"	
96"	95.64"		95.79"	

SW-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	S1A/B & S2A/B 		P1A/B & P2A/B 	
12"	10.49"		10.74"	
13"	12.49"		12.74"	
14"	12.49"		12.74"	
15"	14.49"		14.74"	
16"	14.49"		14.74"	
17"	16.49"		16.74"	
18"	16.49"		16.74"	
19"	18.49"		18.74"	
20"	18.49"		18.74"	
21"	20.49"		20.74"	
22"	20.49"		20.74"	
23"	22.49"		22.74"	
24"	22.49"		22.74"	
36"	34.49"		34.74"	
48"	46.49"		46.74"	
60"	58.49"		58.74"	
72"	70.49"		70.74"	
84"	82.49"		82.74"	
96"	94.49"		94.74"	

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VERS-NANO-LOUVER (11) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

COMPATIBLE POWER SUPPLIES

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

DIM TO LEVEL	INDOOR		OUTDOOR	
	SW24/1.5-4.0	SW24/5.0, SW-HE, SW-HE+	SW24/1.5-4.0	SW24/5.0, SW-HE, SW-HE+
Dim to Black	Q6M-DC+CAP QTM-DC+CAP iQ-PH+QD1	Q6M-DC+CAP QTM-DC+CAP iQ-PH+QD1	QOM-DC+CAP QOM-PH	QOM-DC+CAP QOM-PH
0.1%	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-BOWTIE+DIMMER QZ-DMX QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-BOWTIE+DIMMER QZ-DMX QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP	Q-SET-QZ-DMX 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	Q-SET-QZ-DMX 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%	QTM-eLED(E) QZ-DALI-DT6	QTM-eLED(E) QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QZ-DALI-DT6
10%	Non-Dim Power Supply with SW App Dongle	Non-Dim Power Supply with SW App Dongle	Q-HEX-mini-DC Q-SET-mLED	

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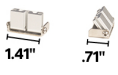
VERS-NANO-LOUVER (11) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

DIMMING PROTOCOL	INDOOR		OUTDOOR	
	SW24/1.5-4.0	SW24/5.0, SW-HE, SW-HE+	SW24/1.5-4.0	SW24/5.0, SW-HE, SW-HE+
Non-Dim	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND	Q-SET-QZ-ND Q-SET-eLED-ND QOM-eLED-ND QZ-ND	Q-SET-QZ-ND Q-SET-eLED-ND QOM-eLED-ND QZ-ND
Phase	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1	Q-HEX-mini-DC Q-SET-QZ-PH/0-10V Q-SET-mLED QOM-DC+CAP QOM-PH QZ-PRO-PH/0-10V	Q-SET-QZ-PH/0-10V QOM-DC+CAP QOM-PH QZ-PRO-PH/0-10V
0-10V	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP	Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QZ-PRO-PH/0-10V	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+0-10V-AWN QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6-AWN	QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6-AWN		
ECO System	QTM-eLED(E)	QTM-eLED(E)		
DMX	QZ-DMX	QZ-DMX	Q-SET-QZ-DMX QZ-DMX	Q-SET-QZ-DMX QZ-DMX
DALI-2: DT6	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-DALI-DT6	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QOM-eLED+DALI-DT6 QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QOM-eLED+DALI-DT6 QZ-DALI-DT6
SCENE App Dimmed	Non-Dim Power Supply with SW App Dongle	Non-Dim Power Supply with SW App Dongle		

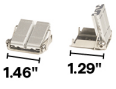
COMPATIBLE MOUNTING ACCESSORIES

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

NJ-LARGE



J Mounting Bracket

NU-LARGE



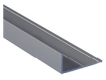
U Mounting Bracket

SD-J-LARGE



J Mounting Bracket

BL-LARGE



Backwards L Mounting Bracket

NL-LARGE



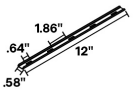
L Mounting Bracket

SD-L-LARGE



L Mounting Bracket

MMA-02



Magnet Mount Accessory for MG-02

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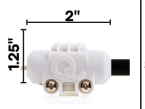
Specification subject to change. Rev-05-04-26

VERS-NANO-LOUVER (11) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

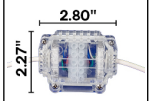
COMPATIBLE WIRING ACCESSORIES

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)

CON120-EXT



10ft Con cable extender
DRY/DMP/WET

CON FOUR-FER



Splits lead from one to four LED Con connectors
DRY/DMP/WET

CON M - BARREL F



Male con to barrel cable adaptor
DRY/DMP

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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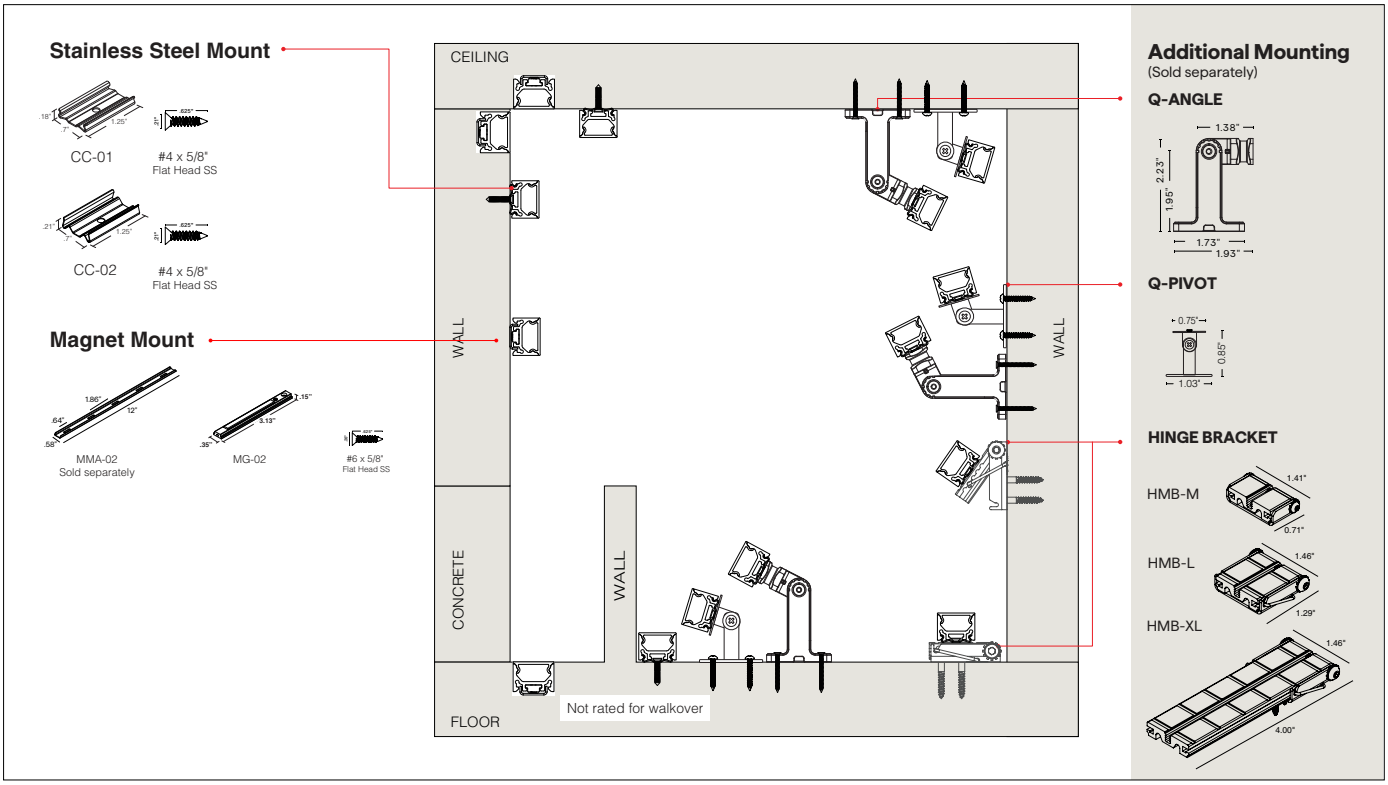
VERS

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)

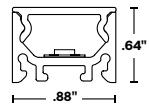
Recessed Mounting Method

- Magnet Mount : Millwork (page 10)

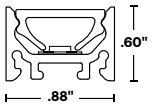
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VERS

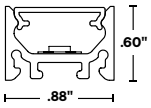
Linear Fixture Installation Instructions



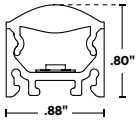
VERS-PROUD (01)



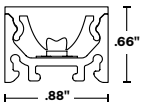
VERS-FLUSH (02)



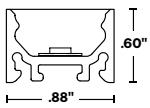
VERS-CLEAR (03)



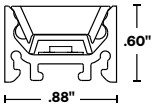
VERS-GRAZER (04)



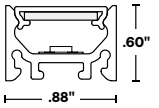
VERS-OPTICS (05)



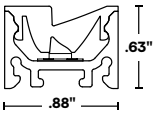
VERS-ENCAPSULATED (06)



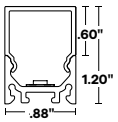
VERS-LOUVER (07)



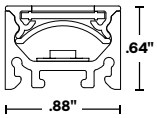
VERS-INSERT (08)



VERS-ASYMMETRIC (09)



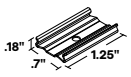
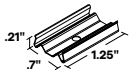
VERS-DROP (10)

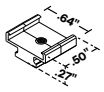
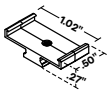
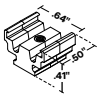
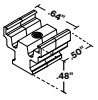
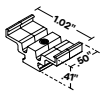
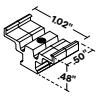


VERS-NANO LOUVER (11)

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

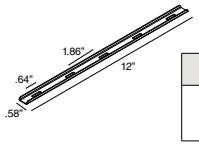
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VERS

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

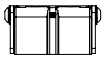


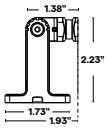
Image shows HMB-M

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

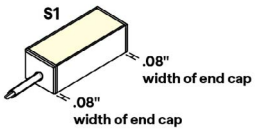
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VERS

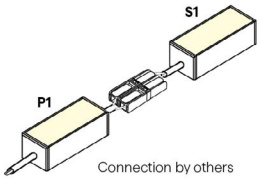
Linear Fixture Installation Instructions

CONFIGURATION OPTIONS

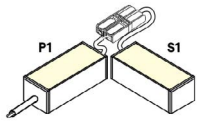
VERS-FLAT



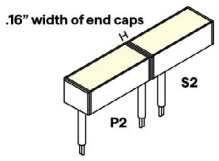
Single End Feed



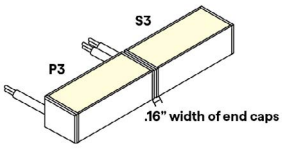
Connection by others
Non-Continuous End Feed



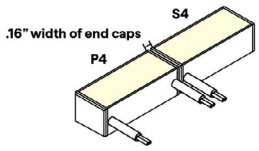
Connection by others
Non-Continuous Corner Feed



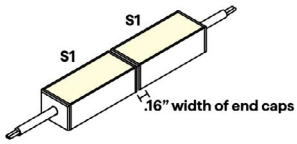
Continuous Bottom Feed



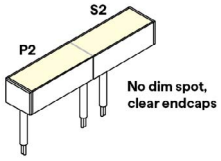
Continuous Side Feed - Left



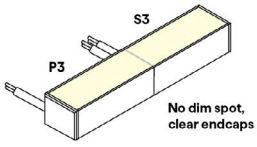
Continuous Side Feed - Right



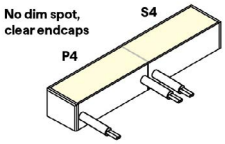
Continuous End to End Feed



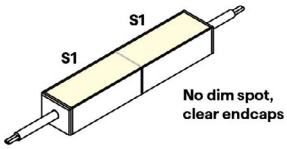
*Continuous Bottom Feed



*Continuous Side Feed - Left

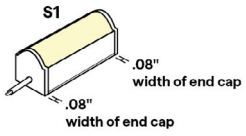


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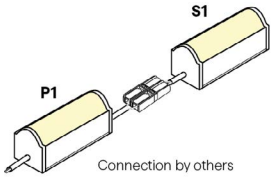


*Continuous End to End Feed

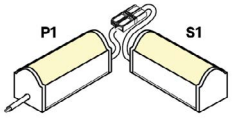
VERS-OPTICS



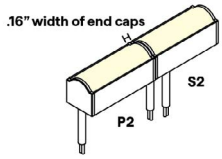
Single End Feed



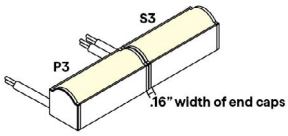
Connection by others
Non-Continuous End Feed



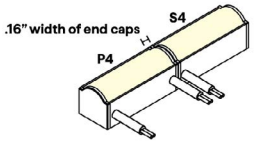
Connection by others
Non-Continuous Corner Feed



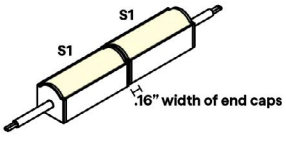
Continuous Bottom Feed



Continuous Side Feed - Left

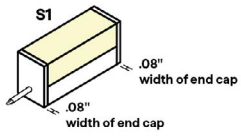


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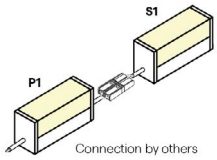


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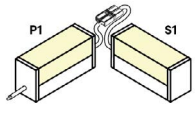
VERS-DROP



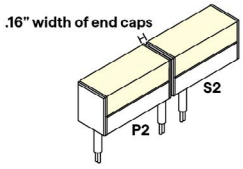
Single End Feed



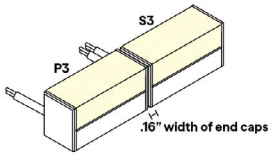
Connection by others
Non-Continuous End Feed



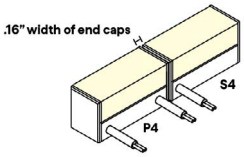
Connection by others
Non-Continuous Corner Feed



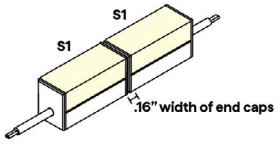
Continuous Bottom Feed



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

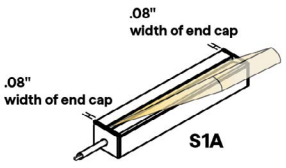
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VERS

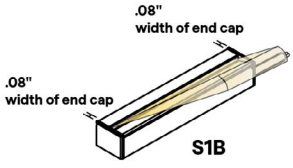
Linear Fixture Installation Instructions

CONFIGURATION OPTIONS

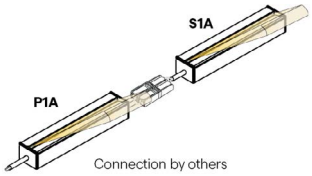
VERS-ASYMMETRIC



Single End Feed

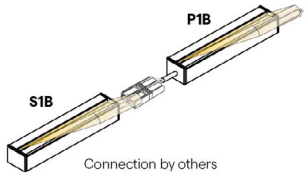


Single End Feed



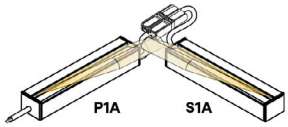
Connection by others

Non-Continuous End Feed



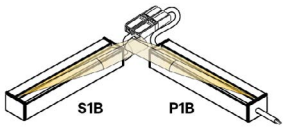
Connection by others

Non-Continuous End Feed



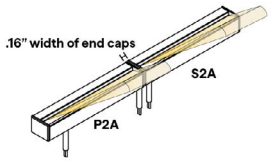
Connection by others

Non-Continuous Corner Feed

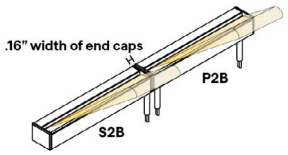


Connection by others

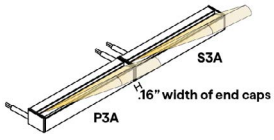
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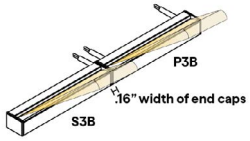
Continuous Bottom Feed



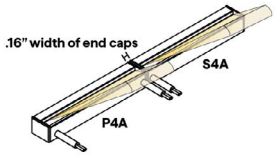
Continuous Bottom Feed



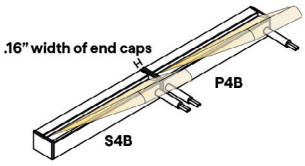
Continuous Side Feed - Left



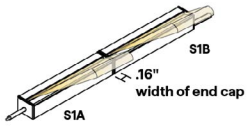
Continuous Side Feed - Left



Continuous Side Feed - Right



Continuous Side Feed - Right



Continuous End to End Feed

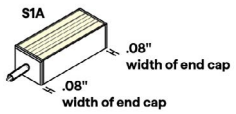
Review wire method to ensure clean installation prior to mounting extrusion.

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

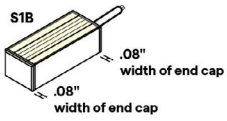
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CONFIGURATION OPTIONS

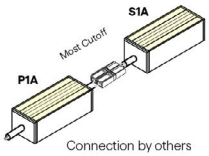
VERS-NANO-LOUVER



Single End Feed

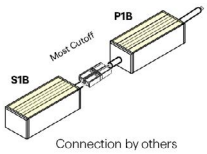


Single End Feed



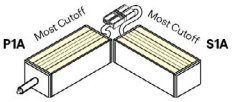
Connection by others

Non-Continuous End Feed



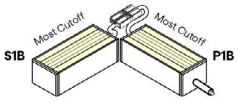
Connection by others

Non-Continuous End Feed



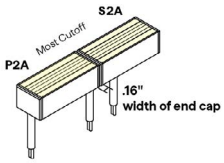
Connection by others

Non-Continuous Corner Feed

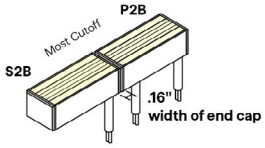


Connection by others

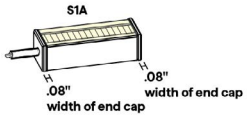
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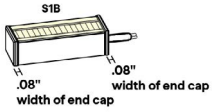
Continuous Bottom Feed



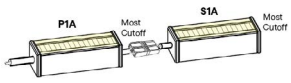
Continuous Bottom Feed



Single End Feed

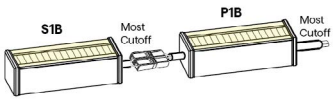


Single End Feed



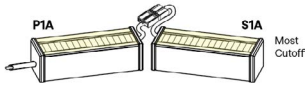
Connection by others

Non-Continuous End Feed



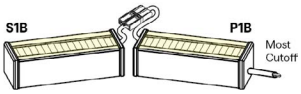
Connection by others

Non-Continuous End Feed



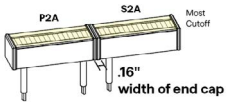
Connection by others

Non-Continuous Corner Feed

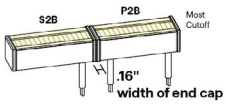


Connection by others

Non-Continuous Corner Feed



Continuous Bottom Feed



Continuous Bottom Feed

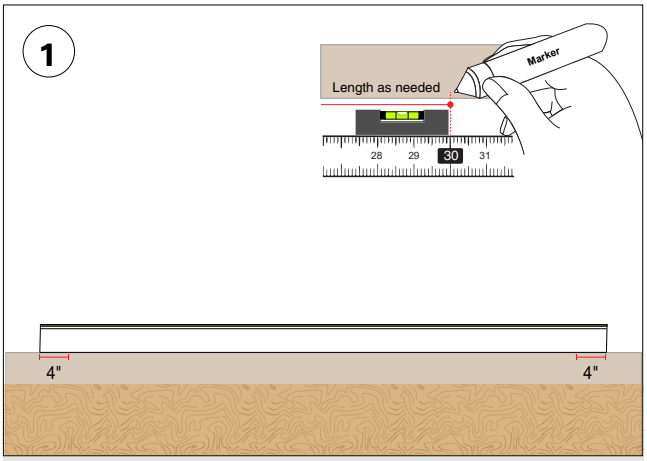
Review wire method to ensure clean installation prior to mounting finished Fixture.

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

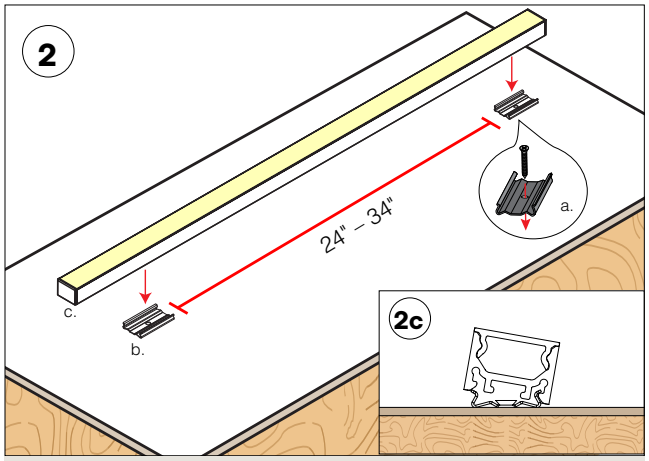
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SURFACE MOUNTING METHOD: **SCREW MOUNT**

- 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".

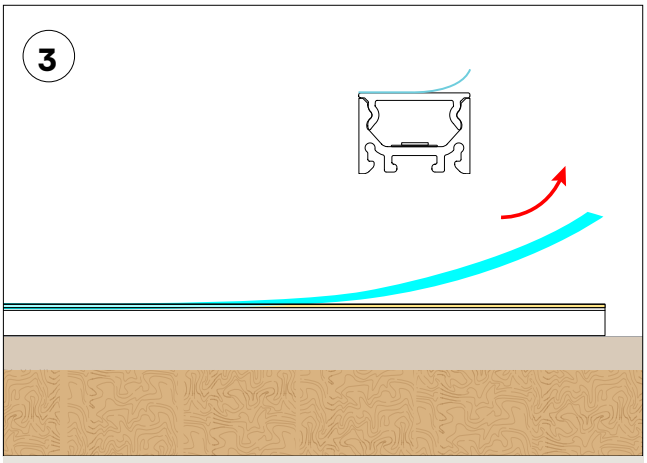


a. Secure clips using the #4 flat head hardware provided. The first and last clip should be placed 4" inward from each end of the fixture.

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.

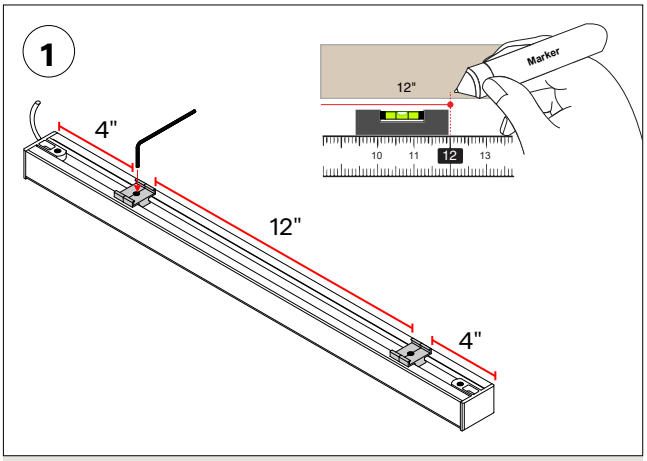


Remove protective film from the surface of the fixture's lens.

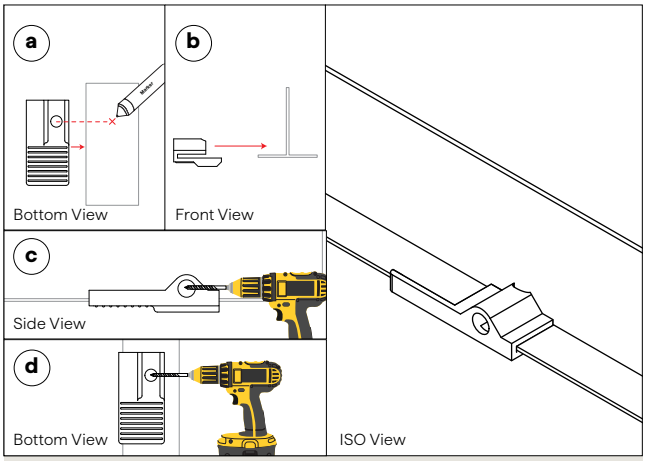
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SURFACE MOUNTING METHOD: **PLASTIC T-BAR MOUNT**

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

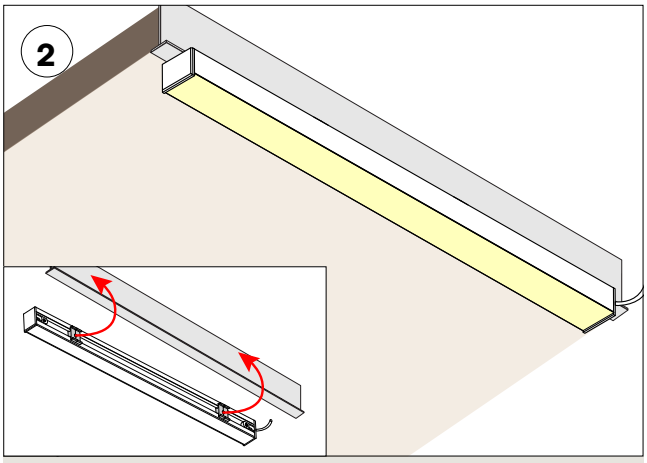


Determine the VERS extrusion(s) location and positioning on desired surface. Make any necessary reference markings to indicate where each clip is to be secured in place. Adjust the preinstalled T-Bar Clips by loosening the screws to slide into desired position. Recommended 4" from each end and 12" apart.

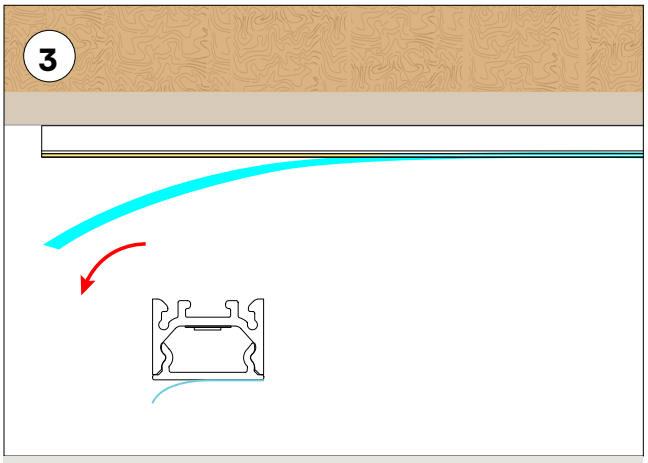


OPTIONAL - REQUIRED FOR S2/P2
Use provided jig to drill a hole in the t-bar ceiling grid, which will allow the wire to feed into the ceiling.

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.

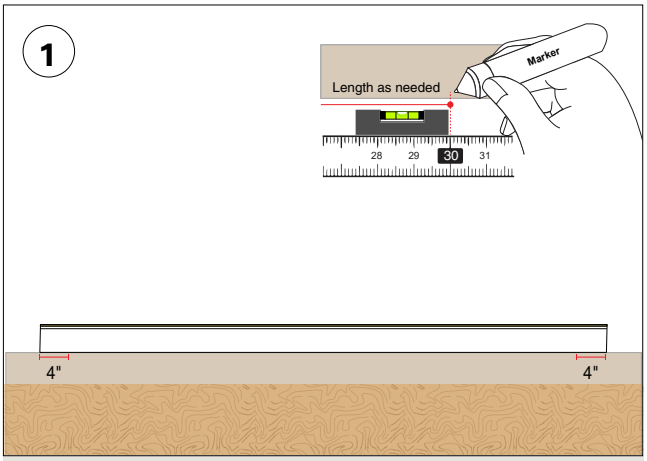


Remove protective film from the surface of the extrusion's lens.

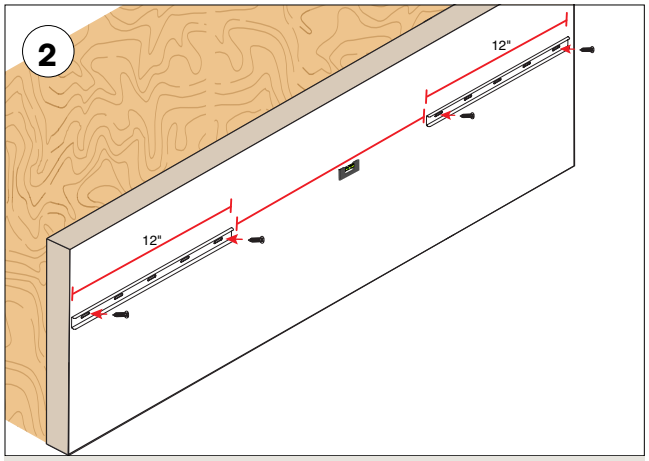
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SURFACE MOUNTING METHOD: **MAGNET MOUNT**

- 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

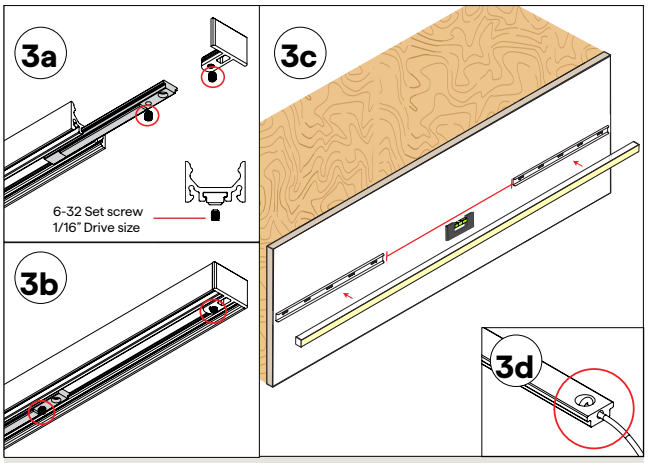


Determine the VERS fixture(s) location and positioning on desired surface. Make any necessary reference markings to indicate where the magnet mount accessory bracket is to be secured in place.



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.



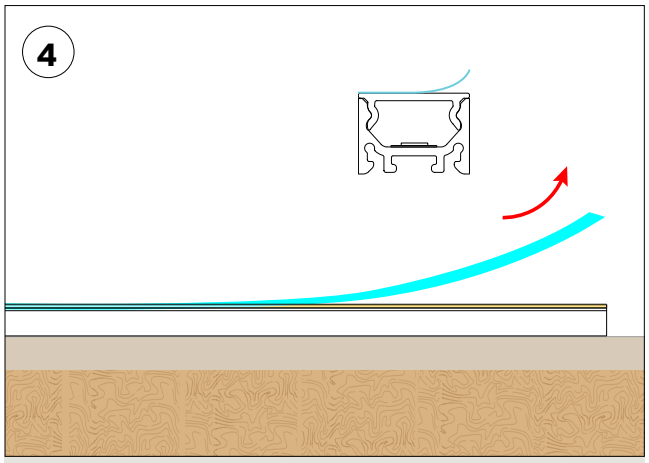
a. Unscrew the non-feed VERS endcap using an allen key, and slide in the magnet clips.

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.

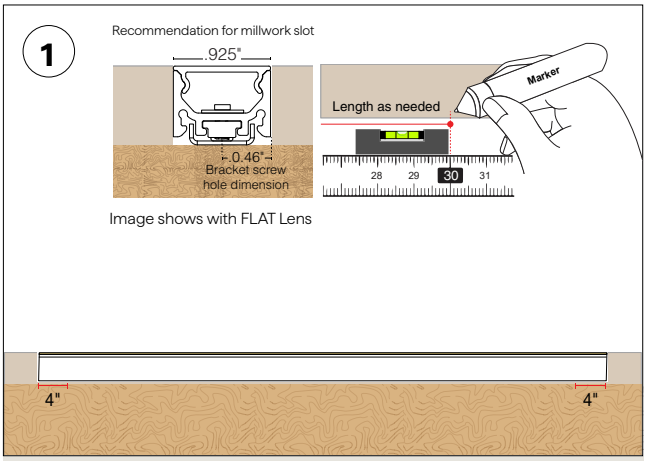


Remove protective film from the surface of the fixture's lens.

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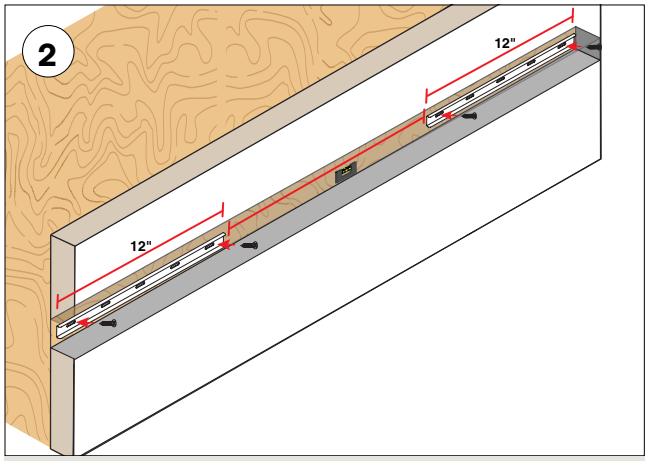
RECESSED MOUNTING METHOD: **MAGNET MOUNT**

- 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



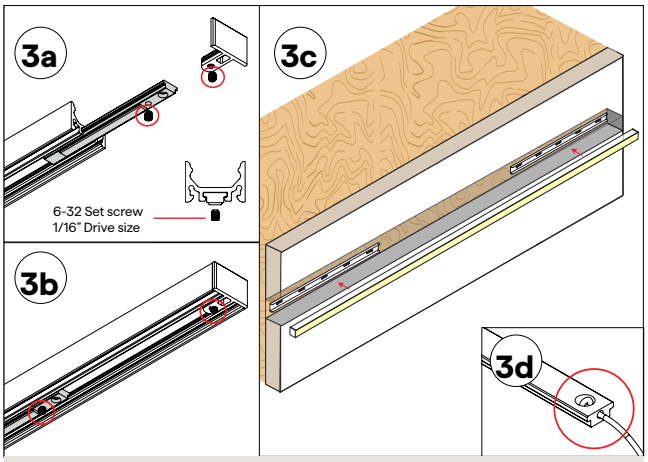
Determine the VERS fixture(s) location and positioning on desired surface. Make any necessary reference markings to indicate where the magnet mount accessory bracket is to be secured in place.

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.



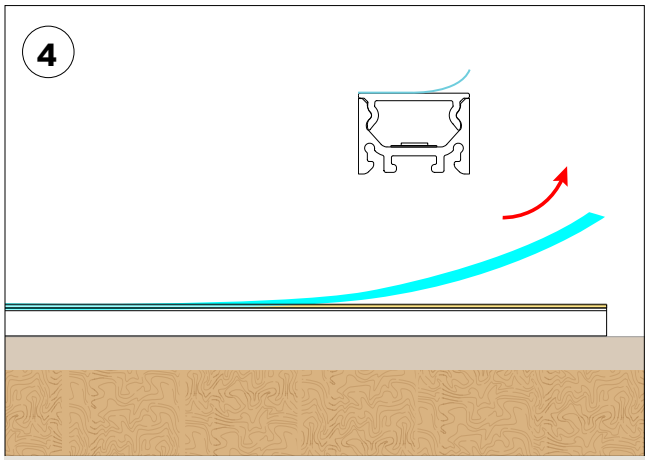
a. Unscrew the non-feed VERS endcap using an allen key, and slide in the magnet clips.

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-NANO LOUVER-SW(11)

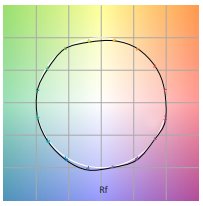
Linear Fixtures Color Data

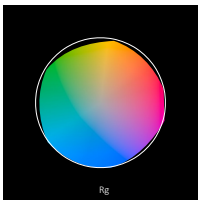
1.5W/FT-3000K

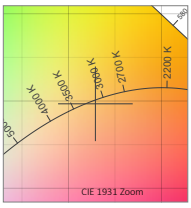
VERS-11-SW-1.5-30-DRY-FR-C

3082 K

CRI: 97.8
CRI R9: 96.6
TM30 Rf: 93.8
TM30 Rg: 100.7
CQS: 95.1
X: 0.429
Y: 0.397
U: 0.249
V: 0.345
Δuv: -0.0018





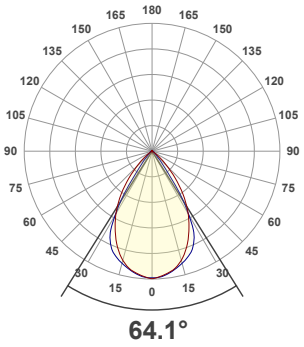


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.7	98.6	97.7	99.0	98.0	96.2	97.7	97.9	96.6	99.1	96.4	82.2	97.7	97.7	97.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.9	96.6	91.7	91.9	94.7	97.8	95.4	96.7	97.6	97.3	97.6	98.2	98.1	95.8	95.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.5	97.4	96.5	94.4	93.2	97.1	92.6	97.5	92.9	90.0	90.5	91.6	94.7	92.5	91.8	89.9

TM30

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

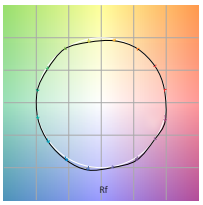
Beam Angle



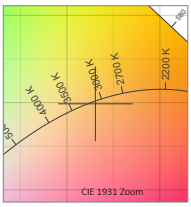
VERS-11-SW-1.5-30-DRY-FR-L

3067 K

CRI: 98.0
CRI R9: 95.6
TM30 Rf: 93.8
TM30 Rg: 100.7
CQS: 95.1
X: 0.431
Y: 0.399
U: 0.249
V: 0.346
Δuv: -0.0013





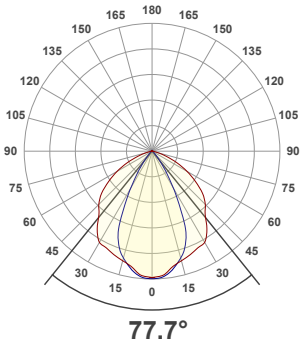


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.1	99.0	97.4	99.1	98.3	96.6	97.8	97.7	95.6	99.6	96.6	82.2	98.1	97.5	98.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.9	96.7	91.7	91.9	94.8	97.9	95.5	96.8	97.5	97.3	97.7	98.3	98.3	96.0	95.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.6	97.5	96.6	94.5	93.2	97.2	92.7	97.6	93.0	90.0	90.5	91.6	94.8	92.4	91.7	89.7

TM30

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

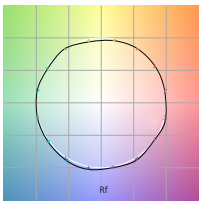
Beam Angle



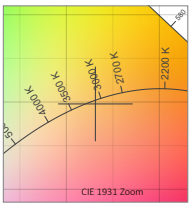
VERS-11-SW-1.5-30-DRY-DF-C

3050 K

CRI: 97.8
CRI R9: 96.7
TM30 Rf: 94.2
TM30 Rg: 100.8
CQS: 95.4
X: 0.431
Y: 0.398
U: 0.250
V: 0.345
Δuv: -0.0017





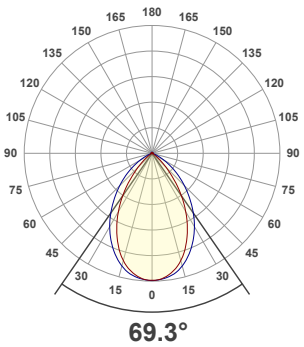


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.6	98.6	97.6	98.6	98.0	96.3	97.9	98.1	96.7	99.1	96.1	84.0	97.6	97.6	98.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.5	96.7	92.2	92.6	95.3	98.2	95.4	96.8	97.6	97.3	97.7	98.3	98.2	95.8	95.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.0	97.6	96.7	95.1	93.7	97.2	93.2	97.8	93.6	91.0	90.9	92.4	94.9	92.9	92.3	90.4

TM30

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

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-10-08-24

VERS-NANO LOUVER-SW(11)

Linear Fixtures Color Data

VERS-11-SW-1.5-30-DRY-DF-L

3047 K

CRI: 97.8

CRI R9: 97.6

TM30 Rf: 94.1

TM30 Rg: 100.9

CQS: 95.3

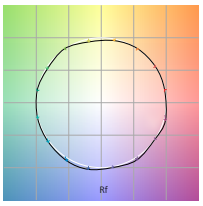
X: 0.431

Y: 0.398

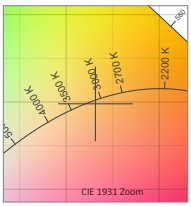
U: 0.250

V: 0.345

Δuv: -0.0017



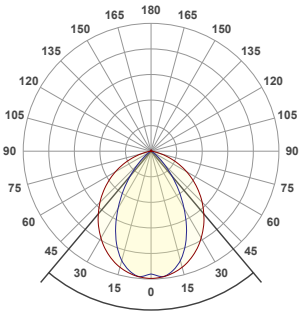




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.4	98.6	97.4	98.4	97.9	96.3	98.1	98.4	97.6	99.1	95.9	83.2	97.5	97.5	97.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.3	96.8	91.9	92.4	95.2	98.3	95.3	96.8	97.5	97.3	97.8	98.4	98.3	95.8	95.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.9	97.6	96.6	94.9	93.5	97.1	92.9	97.8	93.5	90.8	90.6	92.3	95.0	92.9	92.2	90.3

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

Beam Angle



80.1°

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-10-08-24

VERS-NANO LOUVER-SW(11)

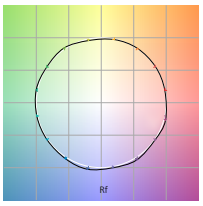
Linear Fixtures Color Data

3.0W/FT-3000K

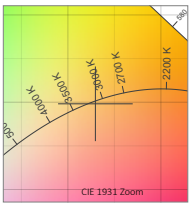
VERS-11-SW-3.0-30-DRY-FR-C

3083 K

CRI: 97.7
CRI R9: 96.7
TM30 Rf: 95.8
TM30 Rg: 102.2
CQS: 96.4
X: 0.430
Y: 0.398
U: 0.248
V: 0.345
Δuv: -0.0013



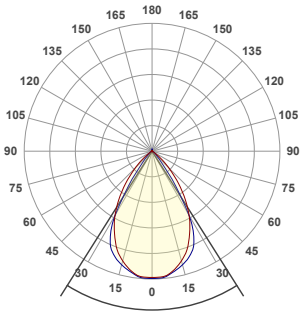




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.5	98.8	98.2	96.2	97.4	96.3	98.5	98.7	96.7	97.9	92.5	89.1	97.6	98.2	98.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.9	97.3	94.1	96.8	96.8	94.5	95.8	98.0	98.2	98.2	97.7	97.7	98.3	96.7	96.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
97.3	98.2	96.6	97.8	95.5	96.6	95.0	96.6	96.6	97.0	94.4	92.6	95.3	93.2	93.8	90.7

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

Beam Angle

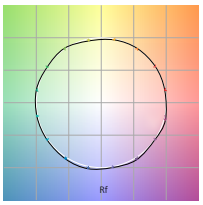


64.5°

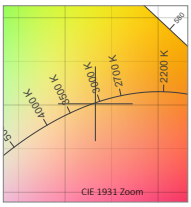
VERS-11-SW-3.0-30-DRY-FR-L

3056 K

CRI: 97.9
CRI R9: 96.3
TM30 Rf: 95.8
TM30 Rg: 101.6
CQS: 96.6
X: 0.433
Y: 0.401
U: 0.249
V: 0.346
Δuv: -0.0005



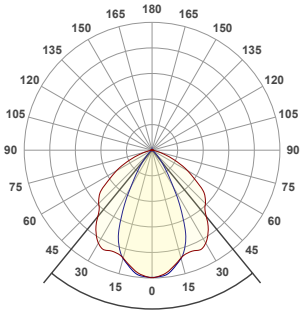




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.8	99.1	98.2	96.5	97.7	96.7	98.8	98.6	96.3	98.5	92.9	89.3	97.9	98.2	99.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.3	97.0	94.8	97.1	96.9	95.3	96.7	98.4	98.2	98.2	97.1	97.0	97.7	96.9	96.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
97.3	98.1	96.6	97.1	95.6	97.2	95.0	96.8	96.6	96.7	94.6	93.3	95.3	93.3	93.7	91.0

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

Beam Angle

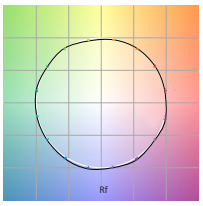


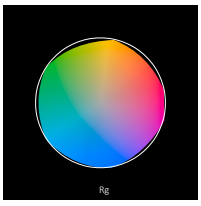
78.5°

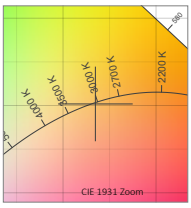
VERS-11-SW-3.0-30-DRY-DF-C

3021 K

CRI: 97.8
CRI R9: 95.4
TM30 Rf: 95.9
TM30 Rg: 101.6
CQS: 96.5
X: 0.435
Y: 0.402
U: 0.250
V: 0.347
Δuv: -0.0006



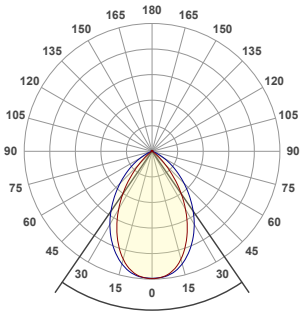




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.8	99.0	98.4	96.6	97.7	96.5	98.5	98.2	95.4	98.1	92.9	90.1	97.9	98.4	99.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.4	96.9	95.0	97.4	96.6	95.0	96.7	98.3	98.0	98.1	97.1	97.1	97.9	96.7	96.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
97.3	98.2	96.6	97.4	95.8	97.2	95.3	96.7	96.7	97.0	94.9	93.3	95.0	93.2	93.7	91.0

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

Beam Angle



68.9°

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-10-08-24

VERS-NANO LOUVER-SW(11)

Linear Fixtures Color Data

VERS-11-SW-3.0-30-DRY-DF-L

3039 K

CRI: 97.7

CRI R9: 97.1

TM30 Rf: 96.0

TM30 Rg: 102.0

CQS: 96.5

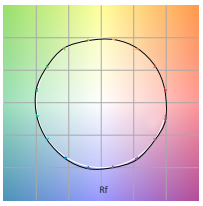
X: 0.433

Y: 0.401

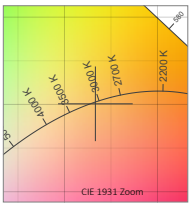
U: 0.250

V: 0.346

Δuv: -0.0008



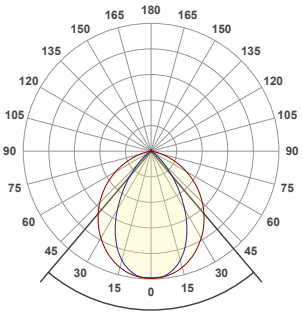




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.4	98.9	98.1	95.9	97.3	96.4	98.8	99.1	97.1	98.1	92.1	90.1	97.5	98.1	99.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.9	97.2	94.8	97.5	96.2	94.4	96.2	98.3	98.1	98.3	97.1	97.1	97.8	96.8	96.7
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
97.4	98.1	96.6	97.7	95.8	96.7	95.2	96.4	96.7	97.3	94.9	93.4	95.5	93.6	94.1	91.2

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

Beam Angle



80.5°

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-10-08-24

VERS-NANO LOUVER-SW(11)

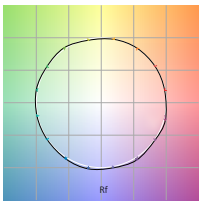
Linear Fixtures Color Data

4.0W/FT-3000K

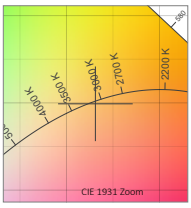
VERS-11-SW-4.0-30-DRY-FR-C

3062 K

CRI: 97.8
CRI R9: 94.6
TM30 Rf: 96.0
TM30 Rg: 102.1
CQS: 96.3
X: 0.431
Y: 0.399
U: 0.249
V: 0.346
Δuv: -0.0013



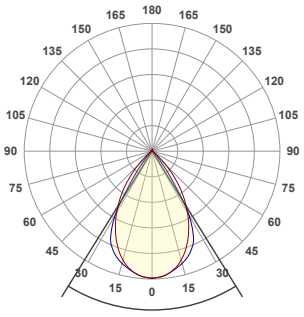




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.1	99.2	98.0	96.6	98.1	96.8	98.2	97.9	94.6	98.9	93.2	89.6	98.2	98.1	99.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.8	97.3	93.8	96.4	96.9	94.4	95.4	97.6	98.2	97.8	98.2	98.1	98.3	96.5	96.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
97.4	98.3	96.9	98.2	95.6	96.4	95.5	96.9	97.0	97.1	94.3	93.1	95.3	93.1	94.0	90.8

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

Beam Angle

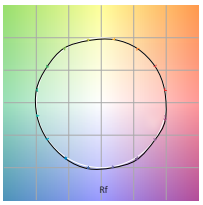


63.7°

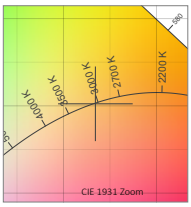
VERS-11-SW-4.0-30-DRY-FR-L

3034 K

CRI: 98.1
CRI R9: 94.2
TM30 Rf: 96.0
TM30 Rg: 101.7
CQS: 96.4
X: 0.434
Y: 0.402
U: 0.250
V: 0.347
Δuv: -0.0004



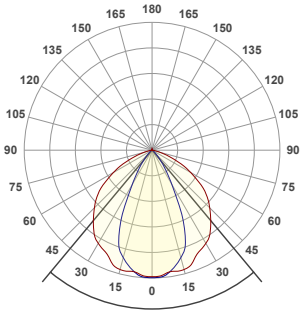




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.4	99.6	97.8	96.8	98.4	97.2	98.6	97.9	94.2	99.6	93.3	89.8	98.5	98.0	99.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.5	97.1	94.4	96.9	96.7	94.7	96.2	98.2	98.2	98.2	97.5	97.4	98.0	96.7	96.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
97.4	98.3	96.9	98.0	95.7	96.9	95.5	96.9	97.0	97.2	94.6	93.3	95.3	93.2	93.9	90.9

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

Beam Angle

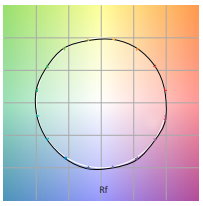


79.6°

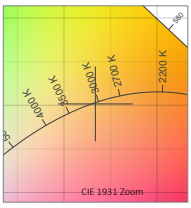
VERS-11-SW-4.0-30-DRY-DF-C

3036 K

CRI: 98.0
CRI R9: 95.3
TM30 Rf: 96.1
TM30 Rg: 101.9
CQS: 96.4
X: 0.434
Y: 0.401
U: 0.250
V: 0.347
Δuv: -0.0006



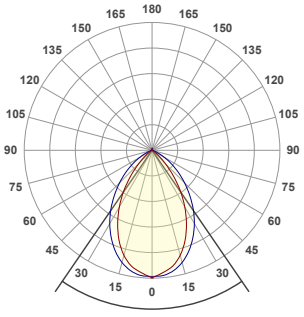




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.1	99.4	97.8	96.4	98.1	97.1	98.6	98.4	95.3	99.2	92.9	90.1	98.2	98.0	99.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.8	97.2	94.4	97.1	96.5	94.4	95.9	98.1	98.1	98.1	97.5	97.4	97.9	96.8	96.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
97.4	98.3	96.9	98.2	95.8	96.7	95.6	96.7	97.0	97.4	94.8	93.4	95.5	93.5	94.2	91.2

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

Beam Angle



68.8°

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-10-08-24

VERS-NANO LOUVER-SW(11)

Linear Fixtures Color Data

VERS-11-SW-4.0-30-DRY-DF-L

3014 K

CRI: 98.0

CRI R9: 95.0

TM30 Rf: 96.0

TM30 Rg: 101.8

CQS: 96.4

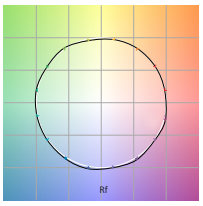
X: 0.436

Y: 0.403

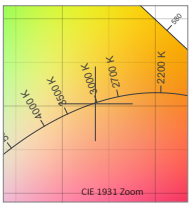
U: 0.250

V: 0.347

Δuv: -0.0004



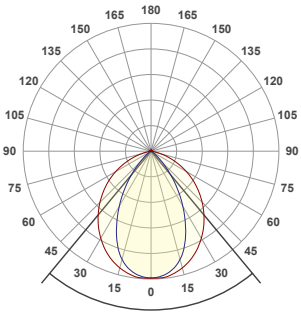




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.1	99.4	97.8	96.6	98.1	97.1	98.6	98.2	95.0	99.3	93.1	89.8	98.3	98.0	99.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.6	97.1	94.5	97.0	96.6	94.6	96.1	98.2	98.1	98.2	97.4	97.2	97.8	96.8	96.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
97.4	98.2	96.8	97.9	95.7	96.9	95.4	96.8	97.2	96.9	94.7	93.3	95.3	93.3	93.9	91.0

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

Beam Angle



79.4°

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-10-08-24

VERS-NANO LOUVER-SW(11)

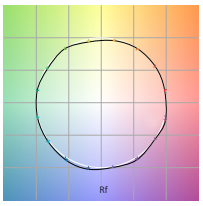
Linear Fixtures Color Data

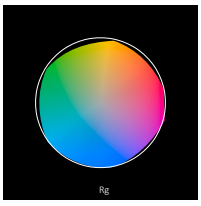
5.0W/FT-3000K

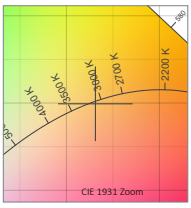
VERS-11-SW-5.0-30-DRY-FR-C

3062 K

CRI: 98.0
CRI R9: 97.3
TM30 Rf: 94.3
TM30 Rg: 100.7
CQS: 95.5
X: 0.431
Y: 0.399
U: 0.249
V: 0.346
Δuv: -0.0012





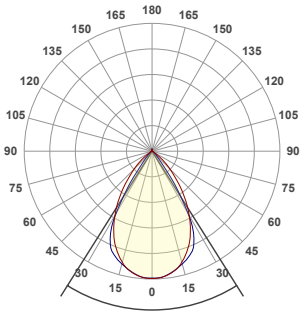


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.7	99.0	97.2	98.5	98.2	96.8	98.3	98.5	97.3	99.7	96.1	83.8	97.8	97.3	98.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.5	96.8	92.3	92.7	95.4	98.2	95.8	97.2	97.4	97.4	98.1	98.1	98.2	96.2	95.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.0	97.7	96.8	95.0	93.7	97.2	93.2	97.7	93.6	91.0	90.8	92.5	95.1	93.0	92.3	90.3

TM30

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

Beam Angle

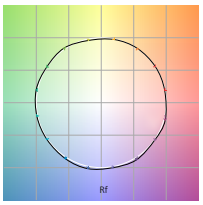


64.4°

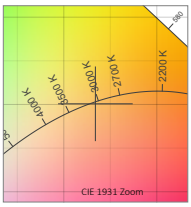
VERS-11-SW-5.0-30-DRY-FR-L

3027 K

CRI: 97.7
CRI R9: 94.8
TM30 Rf: 96.0
TM30 Rg: 101.9
CQS: 96.4
X: 0.434
Y: 0.401
U: 0.250
V: 0.346
Δuv: -0.0009





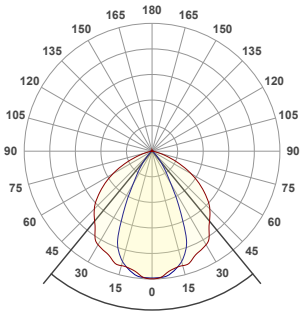


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.8	99.0	98.4	96.4	97.6	96.4	98.3	97.9	94.8	98.2	92.6	90.6	97.8	98.3	99.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.6	97.0	94.8	97.4	96.3	94.5	96.2	98.1	98.1	98.3	97.4	97.5	98.1	96.6	96.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
97.3	98.2	96.7	98.0	95.9	96.8	95.5	96.6	96.8	97.3	94.9	93.3	95.0	93.2	94.0	91.1

TM30

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

Beam Angle

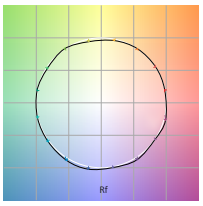


78.8°

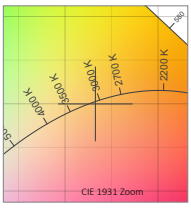
VERS-11-SW-5.0-30-DRY-DF-C

3042 K

CRI: 98.0
CRI R9: 98.3
TM30 Rf: 94.8
TM30 Rg: 101.0
CQS: 95.8
X: 0.433
Y: 0.400
U: 0.250
V: 0.346
Δuv: -0.0011





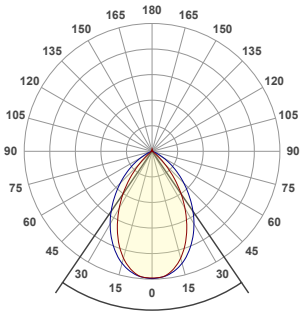


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.5	99.0	96.9	98.0	98.1	97.0	98.8	98.9	98.3	99.6	95.6	85.2	97.6	97.2	98.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
94.1	96.9	92.7	93.5	96.2	98.0	95.7	97.4	97.3	97.5	98.2	97.8	97.9	96.3	95.8
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.5	97.9	96.9	95.6	94.2	97.2	93.7	97.9	94.5	92.2	91.7	93.0	95.5	93.6	93.0	90.9

TM30

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

Beam Angle



68.5°

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-10-08-24

VERS-NANO LOUVER-SW(11)

Linear Fixtures Color Data

VERS-11-SW-5.0-30-DRY-DF-L

3001 K

CRI: 97.7

CRI R9: 94.9

TM30 Rf: 95.9

TM30 Rg: 101.8

CQS: 96.4

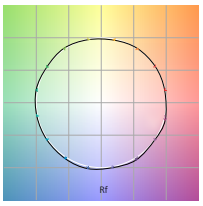
X: 0.436

Y: 0.402

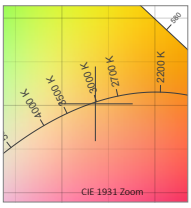
U: 0.251

V: 0.347

Δuv: -0.0008



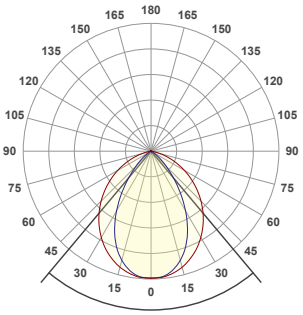




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.7	98.9	98.5	96.2	97.5	96.2	98.3	98.0	94.9	97.9	92.4	90.6	97.7	98.4	99.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.4	96.9	95.1	97.6	96.2	94.6	96.4	98.2	98.0	98.1	97.1	97.1	97.9	96.6	96.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
97.3	98.2	96.6	96.5	97.2	96.9	95.4	96.5	96.9	96.9	95.0	93.2	95.0	93.1	93.8	91.1

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

Beam Angle



80°

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-10-08-24

VERS-NANO LOUVER-SW-HE(11)

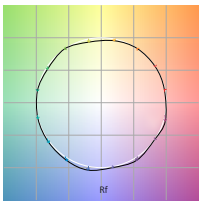
Linear Fixtures Color Data

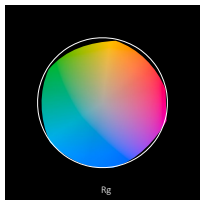
1.5HEW/FT-3000K

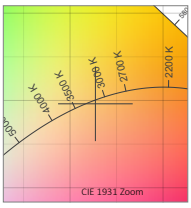
VERS-11-SW-1.5HE-30-DRY-FR-C

3108 K

CRI: 98.0
CRI R9: 96.1
TM30 Rf: 93.7
TM30 Rg: 100.8
CQS: 94.9
X: 0.427
Y: 0.396
U: 0.248
V: 0.345
Δuv: -0.0018



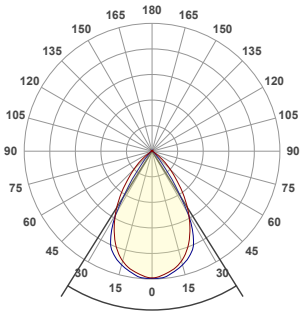




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.1	98.9	97.4	99.4	98.3	96.5	97.7	97.8	96.1	99.4	97.1	81.5	98.1	97.5	98.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.1	96.8	91.1	91.2	94.3	97.6	95.1	96.5	97.5	97.0	97.2	97.8	97.9	95.9	95.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.5	97.4	96.4	94.4	93.0	97.1	92.6	97.7	92.8	89.5	90.0	91.6	94.9	92.5	91.8	89.7

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	97	0%	0%
3	96	0%	1%
4	94	-3%	-1%
5	93	-5%	0%
6	97	0%	1%
7	93	-3%	3%
8	98	0%	1%
9	93	0%	5%
10	89	1%	6%
11	90	3%	6%
12	92	6%	0%
13	95	1%	-3%
14	92	4%	-4%
15	92	0%	-2%
16	90	2%	-8%

Beam Angle

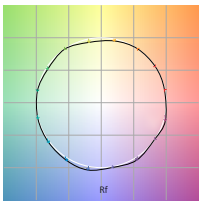


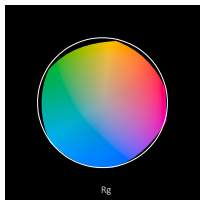
64.1°

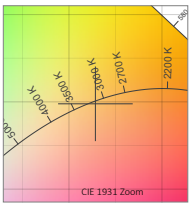
VERS-11-SW-1.5HE-30-DRY-FR-L

3100 K

CRI: 98.0
CRI R9: 96.7
TM30 Rf: 93.6
TM30 Rg: 100.5
CQS: 95.0
X: 0.428
Y: 0.398
U: 0.248
V: 0.345
Δuv: -0.0013



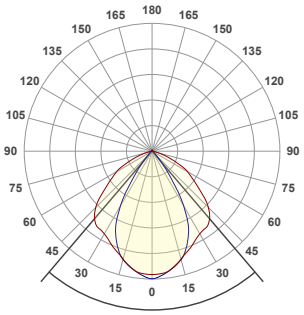




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.0	99.0	97.4	99.2	98.2	96.7	97.9	97.9	96.7	99.6	97.0	81.5	98.0	97.5	97.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.6	96.7	91.6	91.6	94.3	97.4	95.7	97.0	97.5	97.4	97.7	98.4	98.4	96.0	95.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.4	97.4	96.6	94.1	93.0	97.1	92.5	97.3	92.5	89.4	90.2	91.7	94.9	92.6	91.7	89.8

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

Beam Angle

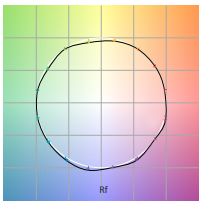


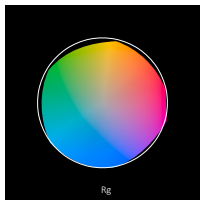
80.8°

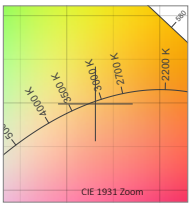
VERS-11-SW-1.5HE-30-DRY-DF-C

3067 K

CRI: 98.0
CRI R9: 96.6
TM30 Rf: 93.5
TM30 Rg: 100.4
CQS: 94.9
X: 0.431
Y: 0.399
U: 0.249
V: 0.346
Δuv: -0.0012



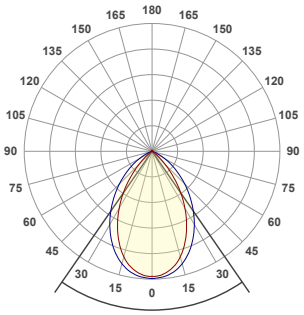




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.9	99.0	97.2	99.2	98.2	96.7	97.9	97.9	96.6	99.5	97.1	81.3	98.0	97.3	97.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.4	96.6	91.5	91.4	94.1	97.1	95.7	96.9	97.3	97.3	97.7	98.4	98.4	95.9	95.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.3	97.4	96.6	93.9	92.8	97.0	92.3	97.3	92.3	89.1	90.1	91.6	94.8	92.6	91.6	89.8

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

Beam Angle



69.2°

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-10-08-24

VERS-NANO LOUVER-SW-HE(11)

Linear Fixtures Color Data

VERS-11-SW-1.5HE-30-DRY-DF-L

3053 K

CRI: 97.9

CRI R9: 97.1

TM30 Rf: 93.9

TM30 Rg: 100.7

CQS: 95.1

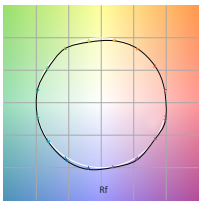
X: 0.431

Y: 0.398

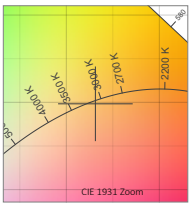
U: 0.249

V: 0.345

Δuv: -0.0015



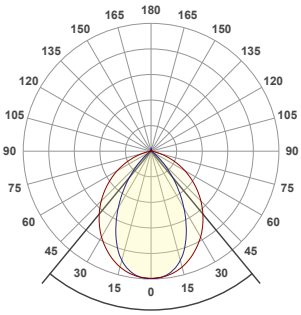




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.7	98.9	97.3	98.8	98.1	96.5	98.0	98.2	97.1	99.5	96.3	82.3	97.8	97.4	98.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.0	96.7	91.6	91.9	94.8	98.0	95.2	96.8	97.4	97.2	97.7	98.3	98.3	95.9	95.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.7	97.5	96.6	94.5	93.2	97.1	92.6	97.7	93.1	90.1	90.1	92.1	95.0	92.8	91.9	90.0

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

Beam Angle



79°

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-10-08-24

VERS-NANO LOUVER-SW-HE(11)

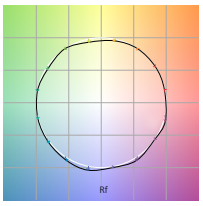
Linear Fixtures Color Data

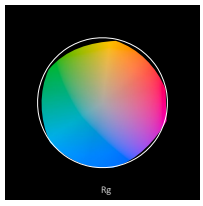
3.0HEW/FT-3000K

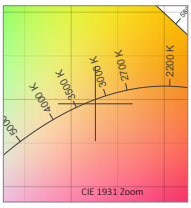
VERS-11-SW-3.0HE-30-DRY-FR-C

3120 K

CRI: 97.9
CRI R9: 96.6
TM30 Rf: 93.4
TM30 Rg: 100.8
CQS: 94.8
X: 0.426
Y: 0.395
U: 0.247
V: 0.344
Δuv: -0.0021



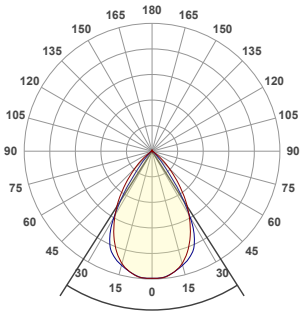




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.8	98.7	97.6	99.4	98.1	96.2	97.6	97.8	96.6	99.3	97.1	81.0	97.8	97.6	97.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.9	96.8	90.9	90.9	94.0	97.4	95.0	96.4	97.5	97.0	97.1	97.7	97.8	95.7	95.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.3	97.2	96.3	94.2	92.8	97.0	92.3	97.6	92.4	89.0	89.7	91.4	94.8	92.4	91.6	89.5

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	0%
3	96	0%	0%
4	94	-3%	-2%
5	93	-5%	0%
6	97	0%	1%
7	92	-3%	3%
8	98	0%	1%
9	92	0%	5%
10	89	1%	7%
11	90	4%	6%
12	91	6%	0%
13	95	1%	-3%
14	92	4%	-4%
15	92	0%	-2%
16	90	2%	-8%

Beam Angle

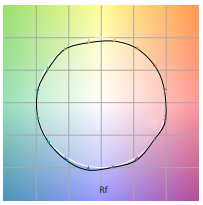


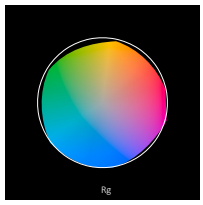
64.9°

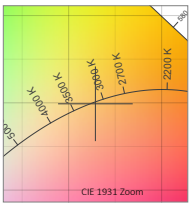
VERS-11-SW-3.0HE-30-DRY-FR-L

3103 K

CRI: 98.1
CRI R9: 95.6
TM30 Rf: 93.3
TM30 Rg: 100.2
CQS: 94.9
X: 0.429
Y: 0.399
U: 0.248
V: 0.345
Δuv: -0.0009



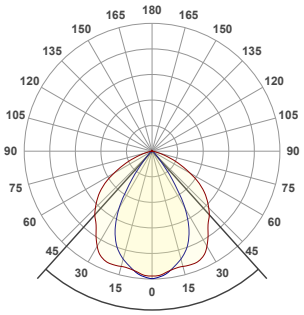




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.3	99.3	97.3	99.4	98.2	96.9	97.7	97.5	95.6	99.3	97.5	80.7	98.4	97.5	98.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.2	96.6	91.6	91.3	93.8	96.8	96.0	97.0	97.5	97.5	97.8	98.5	98.5	96.1	94.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.1	97.3	96.6	93.6	92.6	97.1	92.0	96.9	92.0	88.7	89.8	91.6	94.8	92.4	91.4	89.7

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

Beam Angle

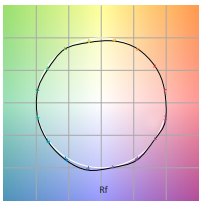


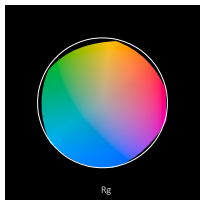
84°

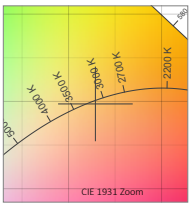
VERS-11-SW-3.0HE-30-DRY-DF-C

3087 K

CRI: 97.9
CRI R9: 96.9
TM30 Rf: 93.6
TM30 Rg: 100.6
CQS: 94.9
X: 0.429
Y: 0.397
U: 0.248
V: 0.345
Δuv: -0.0017



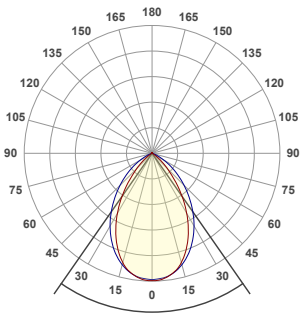




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.8	98.8	97.5	99.2	98.0	96.4	97.7	98.0	96.9	99.4	96.9	81.5	97.8	97.6	97.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.7	96.7	91.5	91.5	94.2	97.4	95.4	96.7	97.5	97.3	97.6	98.2	98.2	95.8	95.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.4	97.4	96.5	94.1	93.0	97.1	92.4	97.4	92.5	89.4	90.2	91.6	94.9	92.6	91.7	89.9

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

Beam Angle



69.7°

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-10-08-24

VERS-NANO LOUVER-SW-HE(11)

Linear Fixtures Color Data

VERS-11-SW-3.0HE-30-DRY-DF-L

3071 K

CRI: 98.0

CRI R9: 96.2

TM30 Rf: 93.6

TM30 Rg: 100.6

CQS: 94.9

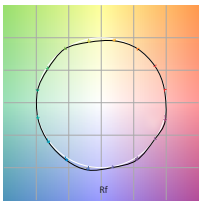
X: 0.430

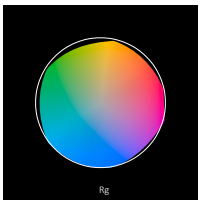
Y: 0.398

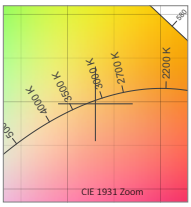
U: 0.249

V: 0.345

Δuv: -0.0016



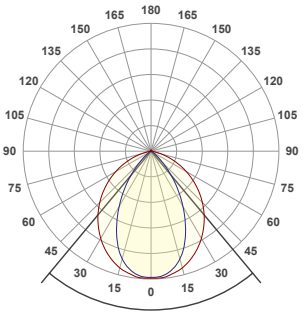




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.1	98.9	97.5	99.4	98.2	96.6	97.7	97.8	96.2	99.5	97.3	81.8	98.1	97.5	98.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.8	96.7	91.4	91.3	94.1	97.3	95.3	96.5	97.4	97.1	97.3	97.9	98.0	95.9	95.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.4	97.4	96.5	94.2	93.0	97.1	92.6	97.6	92.6	89.3	90.2	91.7	94.9	92.6	91.8	90.0

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	0%
3	97	0%	0%
4	94	-3%	-2%
5	93	-5%	0%
6	97	0%	1%
7	93	-3%	3%
8	98	0%	2%
9	93	0%	5%
10	89	1%	6%
11	90	4%	6%
12	92	6%	0%
13	95	1%	-3%
14	93	4%	-4%
15	92	0%	-2%
16	90	2%	-8%

Beam Angle



79.6°

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-10-08-24

VERS-NANO LOUVER-SW-HE(11)

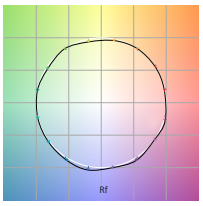
Linear Fixtures Color Data

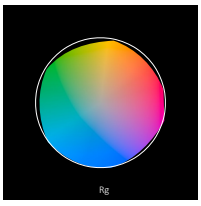
6.0HEW/FT-3000K

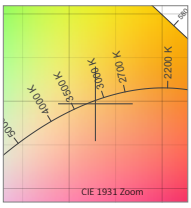
VERS-11-SW-6.0HE-30-DRY-FR-C

3097 K

CRI: 98.0
CRI R9: 93.8
TM30 Rf: 93.9
TM30 Rg: 100.7
CQS: 95.0
X: 0.428
Y: 0.397
U: 0.248
V: 0.345
Δuv: -0.0016



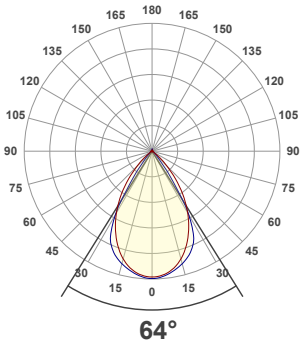




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.4	99.1	97.6	99.5	98.5	96.7	97.5	97.0	93.8	99.3	97.1	82.6	98.4	97.6	98.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.3	96.8	91.4	91.6	94.7	97.8	95.1	96.5	97.6	97.0	97.2	97.8	97.8	95.8	95.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.6	97.4	96.5	94.9	93.4	97.2	93.1	97.9	93.3	90.1	90.5	91.7	94.7	92.4	92.0	89.8

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

Beam Angle

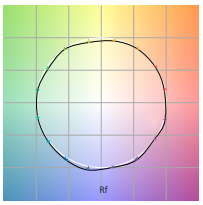


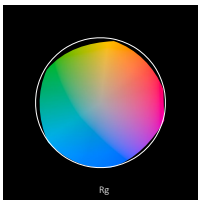
64°

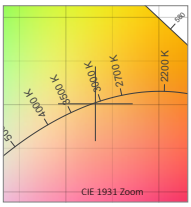
VERS-11-SW-6.0HE-30-DRY-FR-L

3067 K

CRI: 98.1
CRI R9: 92.7
TM30 Rf: 93.6
TM30 Rg: 100.1
CQS: 95.0
X: 0.432
Y: 0.401
U: 0.249
V: 0.346
Δuv: -0.0005



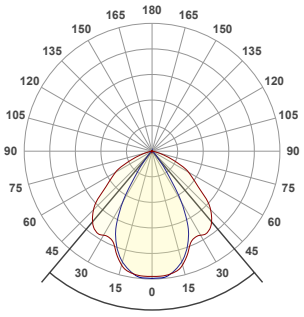




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.8	99.6	97.3	99.6	98.5	97.2	97.6	96.6	92.7	98.6	97.6	81.9	98.9	97.4	98.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.4	96.5	91.9	91.8	94.3	97.0	96.0	97.0	97.5	97.4	97.8	98.4	98.4	96.0	94.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.2	97.4	96.7	94.1	93.1	97.2	92.7	97.1	92.6	89.5	90.4	91.7	94.6	92.3	91.6	89.8

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

Beam Angle

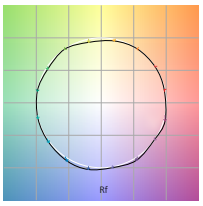


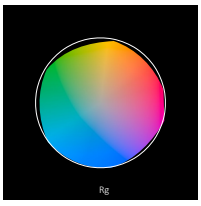
80.2°

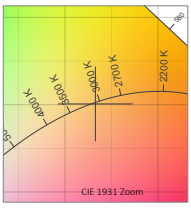
VERS-11-SW-6.0HE-30-DRY-DF-C

3049 K

CRI: 98.2
CRI R9: 93.4
TM30 Rf: 93.8
TM30 Rg: 100.3
CQS: 95.1
X: 0.433
Y: 0.401
U: 0.249
V: 0.346
Δuv: -0.0007



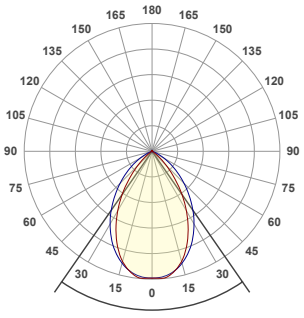




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.7	99.6	97.2	99.5	98.6	97.2	97.8	97.0	93.4	98.7	97.2	82.3	98.8	97.4	98.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.8	96.6	91.8	91.9	94.7	97.5	95.7	96.9	97.5	97.3	97.7	98.4	98.3	96.1	95.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.5	97.5	96.7	94.6	93.3	97.2	93.0	97.5	93.1	90.0	90.1	92.2	94.8	92.5	91.8	89.8

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

Beam Angle



69.4°

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-10-08-24

VERS-NANO LOUVER-SW-HE(11)

Linear Fixtures Color Data

VERS-11-SW-6.0HE-30-DRY-DF-L

3040 K

CRI: 98.1

CRI R9: 93.4

TM30 Rf: 93.8

TM30 Rg: 100.2

CQS: 95.1

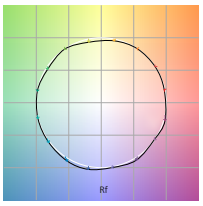
X: 0.433

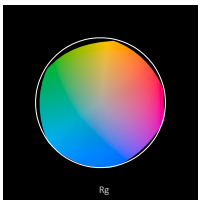
Y: 0.400

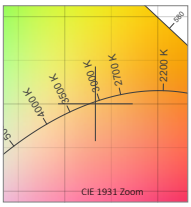
U: 0.250

V: 0.346

Δuv: -0.0010



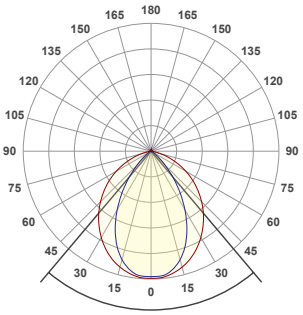




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.6	99.3	97.5	99.6	98.5	96.9	97.5	96.9	93.4	99.2	97.3	82.7	98.6	97.6	98.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.7	96.5	91.9	91.9	94.4	97.3	95.6	96.7	97.6	97.2	97.6	98.2	98.1	95.9	95.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.4	97.4	96.7	94.5	93.3	97.2	93.0	97.5	92.9	89.9	90.2	92.2	94.6	92.4	91.8	90.0

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

Beam Angle



80.3°

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-10-08-24

VERS-NANO LOUVER-SW-HE(11)

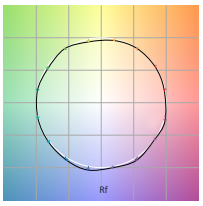
Linear Fixtures Color Data

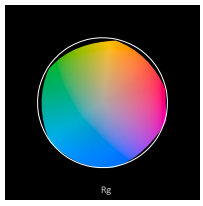
9.0HEW/FT-3000K

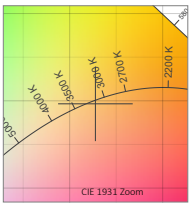
VERS-11-SW-9.0HE-30-DRY-FR-C

3104 K

CRI: 98.0
CRI R9: 92.5
TM30 Rf: 93.8
TM30 Rg: 100.7
CQS: 94.9
X: 0.428
Y: 0.397
U: 0.248
V: 0.345
Δuv: -0.0017



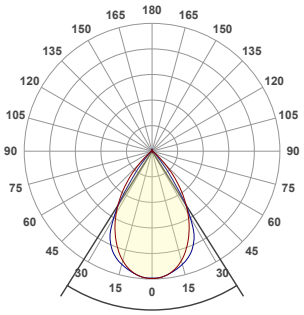




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.6	99.1	97.6	99.7	98.6	96.6	97.2	96.4	92.5	99.1	97.3	82.4	98.6	97.7	98.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.2	96.7	91.2	91.3	94.5	97.6	95.0	96.3	97.6	96.8	97.0	97.5	97.5	95.7	95.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.4	97.3	96.3	94.9	93.4	97.2	93.1	97.9	93.2	89.9	90.3	91.6	94.6	92.1	91.8	89.5

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

Beam Angle

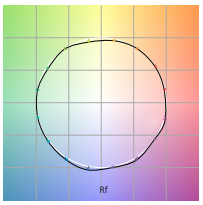


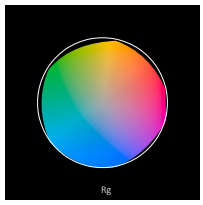
64.4°

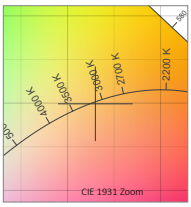
VERS-11-SW-9.0HE-30-DRY-FR-L

3085 K

CRI: 98.1
CRI R9: 92.1
TM30 Rf: 93.8
TM30 Rg: 100.3
CQS: 95.1
X: 0.430
Y: 0.399
U: 0.248
V: 0.346
Δuv: -0.0010



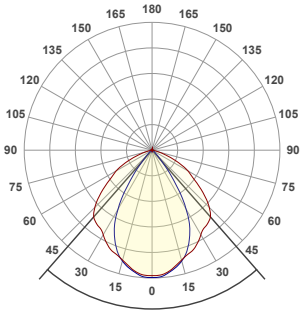




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.7	99.4	97.6	99.7	98.6	97.0	97.4	96.4	92.1	98.9	97.4	82.7	98.8	97.6	98.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.9	96.6	91.9	91.9	94.6	97.5	95.7	96.8	97.7	97.2	97.6	98.1	98.0	95.8	94.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.4	97.4	96.6	94.7	93.4	97.3	93.2	97.6	93.1	90.0	90.7	91.8	94.6	92.3	91.8	89.8

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

Beam Angle

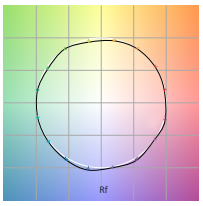


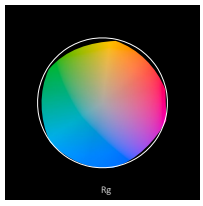
82.3°

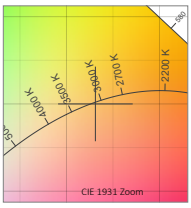
VERS-11-SW-9.0HE-30-DRY-DF-C

3071 K

CRI: 98.2
CRI R9: 92.8
TM30 Rf: 93.9
TM30 Rg: 100.4
CQS: 95.1
X: 0.431
Y: 0.400
U: 0.249
V: 0.346
Δuv: -0.0008



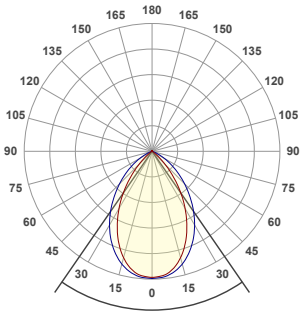




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.8	99.6	97.2	99.6	98.7	97.1	97.7	96.8	92.8	98.6	97.3	82.7	98.9	97.4	98.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.0	96.6	91.8	91.9	94.8	97.6	95.6	96.8	97.5	97.2	97.6	98.2	98.2	96.0	95.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.6	97.5	96.7	94.8	93.4	97.3	93.3	97.7	93.3	90.2	90.6	91.8	94.8	92.4	91.9	89.8

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

Beam Angle



69.2°

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-10-08-24

VERS-NANO LOUVER-SW-HE(11)

Linear Fixtures Color Data

VERS-11-SW-9.0HE-30-DRY-DF-L

3051 K

CRI: 98.0

CRI R9: 92.5

TM30 Rf: 94.0

TM30 Rg: 100.4

CQS: 95.1

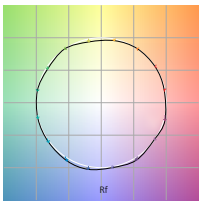
X: 0.431

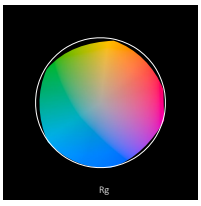
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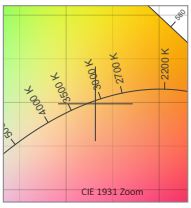
U: 0.249

V: 0.346

Δuv: -0.0015



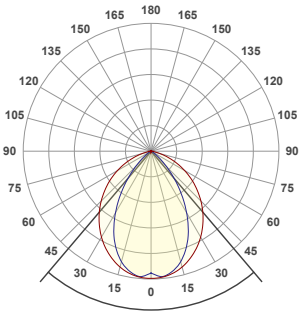




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.5	99.0	97.9	99.6	98.5	96.6	97.1	96.4	92.5	99.5	97.2	83.6	98.4	97.8	98.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.1	96.5	92.0	92.0	94.6	97.6	95.4	96.4	97.7	97.1	97.3	97.8	97.6	95.6	94.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.4	97.4	96.6	94.9	93.6	97.3	93.3	97.7	93.3	90.3	90.5	92.2	94.4	92.3	91.9	90.0

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

Beam Angle



80.7°

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-10-08-24