VERS-OPTICS (05) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed





- Optically enhanced VERSatile fixture provides precision beam control for when precision lighting is needed
- The high-quality lens features a proprietary diffusing agent for superior beam control and clean edges
- Features integrated metal endcaps
- Mounting options include a concealed or magnetic clip
- With an internal White Optics coating, the fixture achieves greater lumen output
- Durable anodized aluminum housings
- Consult factory for field assembly options
- Optional external louver accessory available in white or black for added glare control

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

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

ADDITIONAL INFORMATION REQUIRED TO ORDER

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

Sample Part Number: **VERS-05-DW-2.5HE-20/30-DRY-40D-L1-BK-P1-BW-BW-BK-CL2-CC-BK-48"-E**

1 PRODUCT

VERS-05-DW
VERS-05-DW-USA

Select USA option for BAA and BABA projects.

LED engine is built with 3 wires requiring 0-10V, DMX or DALI control. Using DALI, DMX, or non QTL power supplies may double watts/ft. See following pages for compatible power supplies.

2 WATTS/FT

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

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

3 CCT

18/30 1800K/3000K
18/35 1800K/3500K
20/27 2000K/2700K
20/30 2000K/3000K
24/40 2400K/4000K
27/40 2700K/4000K
27/55 2700K/5500K

18/30 1800K/3000K
18/35 1800K/3500K
20/27 2000K/2700K
20/30 2000K/3000K
24/40 2400K/4000K
27/40 2700K/4000K
27/55 2700K/5500K

4 RATED

DRY IP20

DMP IP54

5 LENS

40D Optical 40°
50D Optical 50°

For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages.

6 EXTERNAL LOUVER

L1-WH White Plastic
L1-BK Black Plastic
L2-ST Satin Anodized Aluminum
L2-BK Black Anodized Aluminum
L2-WH White Powder Coated Aluminum
N/A No Louver

Plastic Louvers come in 12" lengths, multiple pieces will be used to match fixture length. Aluminum louvers come in maximum 98" lengths and will be cut to match fixture length. White and custom painted finishes are not compatible with L2 external louvers.

7 WIRE INPUT/OUTPUT

SINGLE (Input only)
S1 End Feed
S2 Bottom Feed
S3 Left Side Feed
S4 Right Side Feed

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

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
TBC-06 9/16" Tegular TB-Grid, with External Louver
TBC-07 15/16" Flat TB-Grid, with External Louver
TBC-08 15/16" Tegular TB-Grid, with External Louver

13 FINISH

ST Satin
BK Black
BZ Bronze
WH White
CU Custom

White and custom finishes are incompatible with external louvers; custom finishes have longer lead times. Non-RAL 9003 whites 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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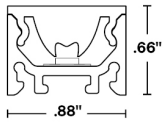
Specification subject to change. Rev-04-01-26

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

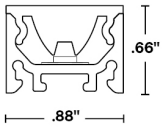
VERS-OPTICS (05) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

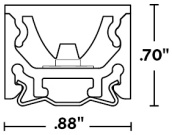
1 PRODUCT - DIMENSIONS



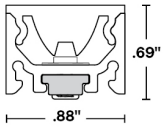
Profile with 40D lens



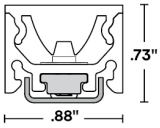
Profile with 50D lens



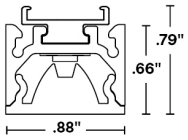
Profile with concealed clip



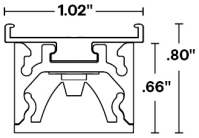
Profile with magnetic clip



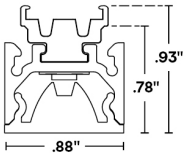
Profile with magnet mount clip & magnetic mount accessory



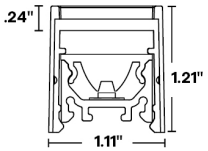
Profile with TBC-03



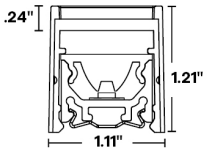
Profile with TBC-04



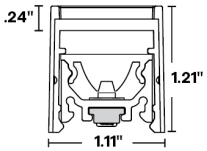
Profile with TBC-05



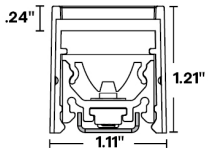
Profile with louver



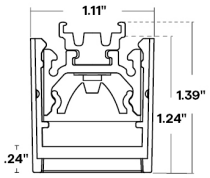
Profile with concealed clip and louver



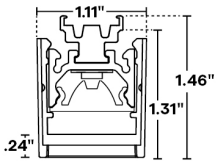
Profile with magnet mount clip and louver



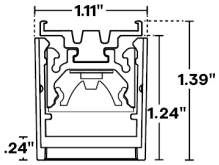
Profile with magnet mount clip, magnetic mount accessory & louver



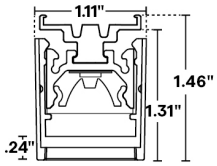
Profile with TBC-05 & louver



Profile with TBC-06 & louver



Profile with TBC-07 & louver



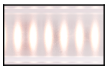
Profile with TBC-08 & louver

2 DELIVERED LUMENS

[Calculated L70 = 70000 hrs]
Tested with VERS-05-DW-**-**-DRY

	1.5HE W/FT		2.5HE W/FT		4.0HE W/FT	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
40D	159	98	247	98	384	98
50D	163	98	258	98	398	98

5 DIODE VISIBILITY

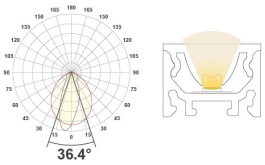


Optical lens

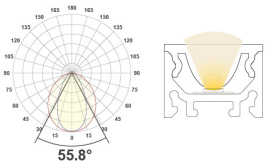
PHOTOMETRIC PERFORMANCE

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

6W/ft 40D lens



6W/ft 50D lens



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Specification subject to change. Rev-04-01-26

VERS-OPTICS (05) FOR TUNABLE APPLICATIONS

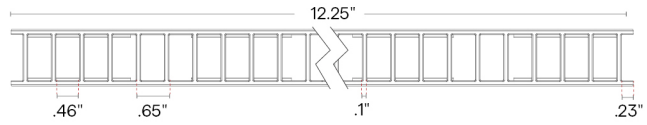
24VDC Linear Fixtures - Surface & Recessed

TEMPERATURE RATINGS

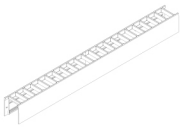
		DW 1.5 HE W/FT		DW 3.0 HE W/FT		DW 2.5 HE W/FT		DW 5.0 HE W/FT		DW 4.0 HE W/FT		DW 8.0 HE W/FT	
		QTL power supply other than DALI, DMX		DALI, DMX, or non-QTL power supply		QTL power supply other than DALI, DMX		DALI, DMX, or non-QTL power supply		QTL power supply other than DALI, DMX		DALI, DMX, or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

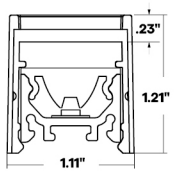
6 EXTERNAL LOUVER

PLASTIC



L1-XX



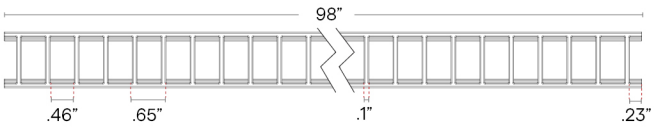


Profile with plastic louver

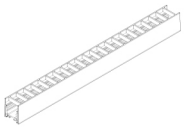
Lumen Multiplier

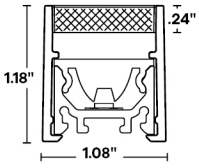
WH	BK
0.71	0.48

METAL



L2-XX





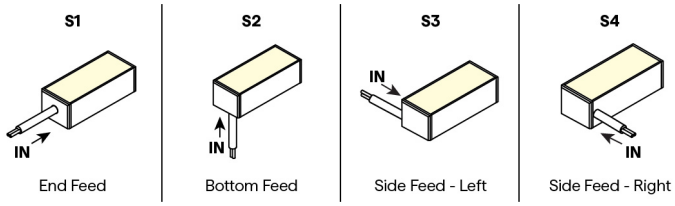
Profile with metal louver

Lumen Multiplier

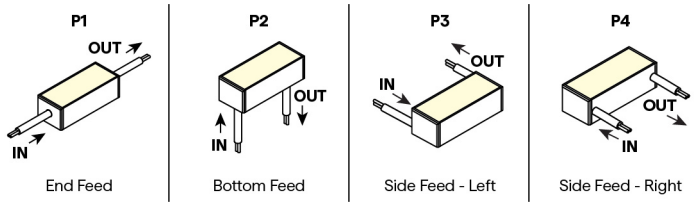
WH	BK	ST
0.72	0.53	0.68

7 WIRE INPUT/OUTPUT

SINGLE (Input only)



PASS THROUGH (Input/Output)

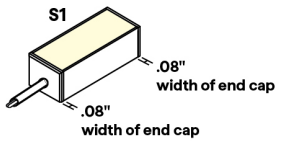


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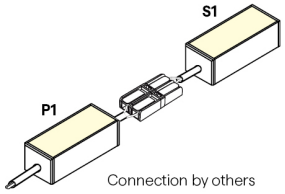
VERS-OPTICS (05) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

CONFIGURATION OPTIONS

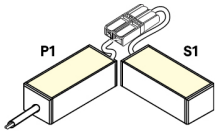


Single End Feed



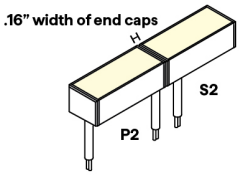
Connection by others

Non-Continuous End Feed

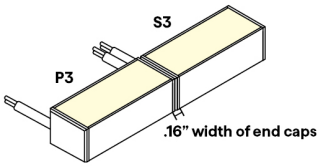


Connection by others

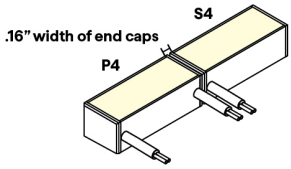
Non-Continuous Corner Feed



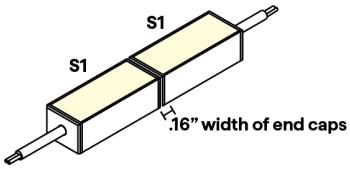
Continuous Bottom Feed



Continuous Side Feed - Left



Continuous Side Feed - Right

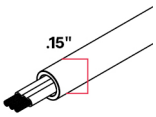


Continuous End to End Feed

8/9 CONNECTOR/WIRE – IN/OUT

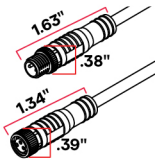
Connector/Wire In or Out not needed to specify product.

BW



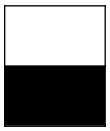
Bare Wire 36"
22 AWG

CON6/CON24



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

10 WIRE COLOR

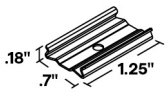


White

Black

12 MOUNTING

CC
(CC-01)



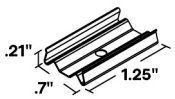
Concealed Clip

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

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

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

CC
(CC-02)



Louver Concealed Clip
Required if L1 or L2 Louver is selected

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

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

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

MG

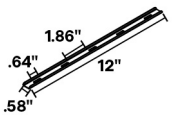


Magnet Clip

One MG provided per foot

To order separately use MG-02

MMA-02



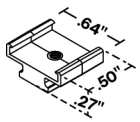
Magnet Mount
Accessory for MG-02

Sold separately, to order use MMA-02

Each clip comes with a #6 Flat Screw

Required when mounting to a non-magnetic surface

TBC-03



Plastic T-Bar Clip

Use on 9/16" Flat Drop Ceiling

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

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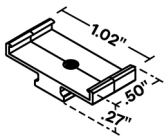
Specification subject to change. Rev-04-01-26

VERS-OPTICS (05) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

MOUNTING CONTINUED

TBC-04



Plastic T-Bar Clip

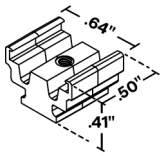
Use on 15/16" Flat or Tegular Drop Ceiling

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

TBC-05



Plastic T-Bar Clip

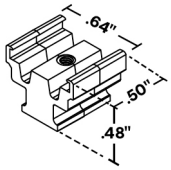
Use on 9/16" Tegular Drop Ceiling

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

TBC-06



Plastic T-Bar Clip

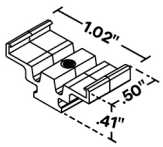
Use with Louver on 9/16" Tegular Drop Ceiling

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-06

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

TBC-07



Plastic T-Bar Clip

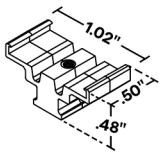
Use with Louver on 15/16" Flat Drop Ceiling

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

To order separately use TBC-07

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

TBC-08



Plastic T-Bar Clip

Use with Louver on 15/16" Tegular Drop Ceiling

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

To order separately use TBC-08

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

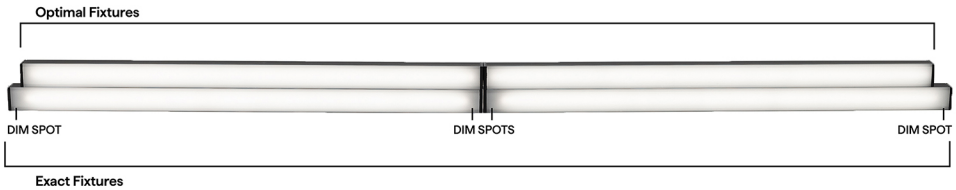
13 FINISH

- Satin
- Black
- Bronze
- White

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

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.



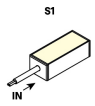
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VERS-OPTICS (05) FOR TUNABLE APPLICATIONS

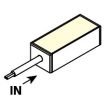
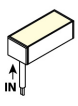
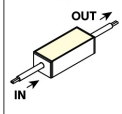
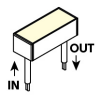
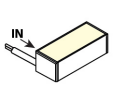
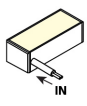
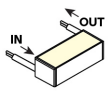
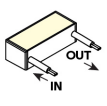
24VDC Linear Fixtures - Surface & Recessed

DW-HE DRY DMP LENGTHS BY INCH

EXACT LENGTH

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

OPTIMAL LENGTH

Requested Nominal Length	S1 & S2		P1 & P2		S3 & S4		P3 & P4	
	 End Feed	 Bottom Feed	 End Feed	 Bottom Feed	 Side Feed - Left	 Side Feed - Right	 Side Feed - Left	 Side Feed - Right
12"	10.59"		10.94"		10.49"		10.59"	
13"	12.59"		12.94"		12.49"		12.59"	
14"	12.59"		12.94"		12.49"		12.59"	
15"	14.59"		14.94"		14.49"		14.59"	
16"	14.59"		14.94"		14.49"		14.59"	
17"	16.59"		16.94"		16.49"		16.59"	
18"	16.59"		16.94"		16.49"		16.59"	
19"	18.59"		18.94"		18.49"		18.59"	
20"	18.59"		18.94"		18.49"		18.59"	
21"	20.59"		20.94"		20.49"		20.59"	
22"	20.59"		20.94"		20.49"		20.59"	
23"	22.59"		22.94"		22.49"		22.59"	
24"	22.59"		22.94"		22.49"		22.59"	
36"	34.59"		34.94"		34.49"		34.59"	
48"	46.59"		46.94"		46.49"		46.59"	
60"	58.59"		58.94"		58.49"		58.59"	
72"	70.59"		70.94"		70.49"		70.59"	
84"	82.59"		82.94"		82.49"		82.59"	
96"	94.59"		94.94"		94.49"		94.59"	

COMPATIBLE POWER SUPPLIES

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

DIM TO LEVEL	INDOOR
	DW-HE Tunable Applications
0.1%	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+TW QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QTM-eLED+TW QZ-DMX
1%	QZ-DALI-DT8
10%	Non-Dim Power Supply with TW App Dongle

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VERS-OPTICS (05) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

DIMMING PROTOCOL	INDOOR
	DW-HE Tunable Applications
0-10V	QT-CAB-eLED+TW QTM-eLED+TW
Lutron Athena	QT-CAB-eLED+DALI-DT8-AWN QTM-eLED+DALI-DT8-AWN
DMX LED wattage must be doubled for DW-HE products	QZ-DMX
DALI-2: DT6 LED wattage must be doubled for DW-HE products except for AWN	QT-CAB-eLED+DALI-DT6 QTM-eLED+DALI-DT6
DALI-2: DT8 LED wattage must be doubled for DW-HE products except for AWN	QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QZ-DALI-DT8
SCENE App Dimmed	Non-Dim Power Supply with TW App Dongle

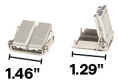
COMPATIBLE MOUNTING ACCESSORIES

HINGE - HMB-M



Adjustable mounting bracket - Medium

HINGE - HMB-L



Adjustable mounting bracket - Large

HINGE - HMB-XL



Adjustable mounting bracket - XLarge

Q-PIVOT



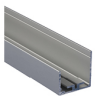
Small mounting accessory

Q-ANGLE



Adjustable mounting accessory

NJ-LARGE



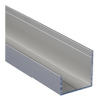
J Mounting Bracket

NU-LARGE



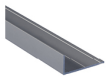
U Mounting Bracket

SD-J-LARGE



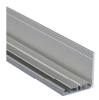
J Mounting Bracket

BL-LARGE



Backwards L Mounting Bracket

NL-LARGE



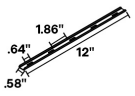
L Mounting Bracket

SD-L-LARGE



L Mounting Bracket

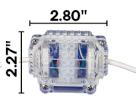
MMA-02



Magnet Mount Accessory for MG-02

COMPATIBLE WIRING ACCESSORIES

Q-mini-J5



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

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VERS-OPTICS (05) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE



Wi-Fi or Bluetooth Connectivity

COMPATIBLE APPS

NFC APP



Read and write DMX addresses and adjust voltage

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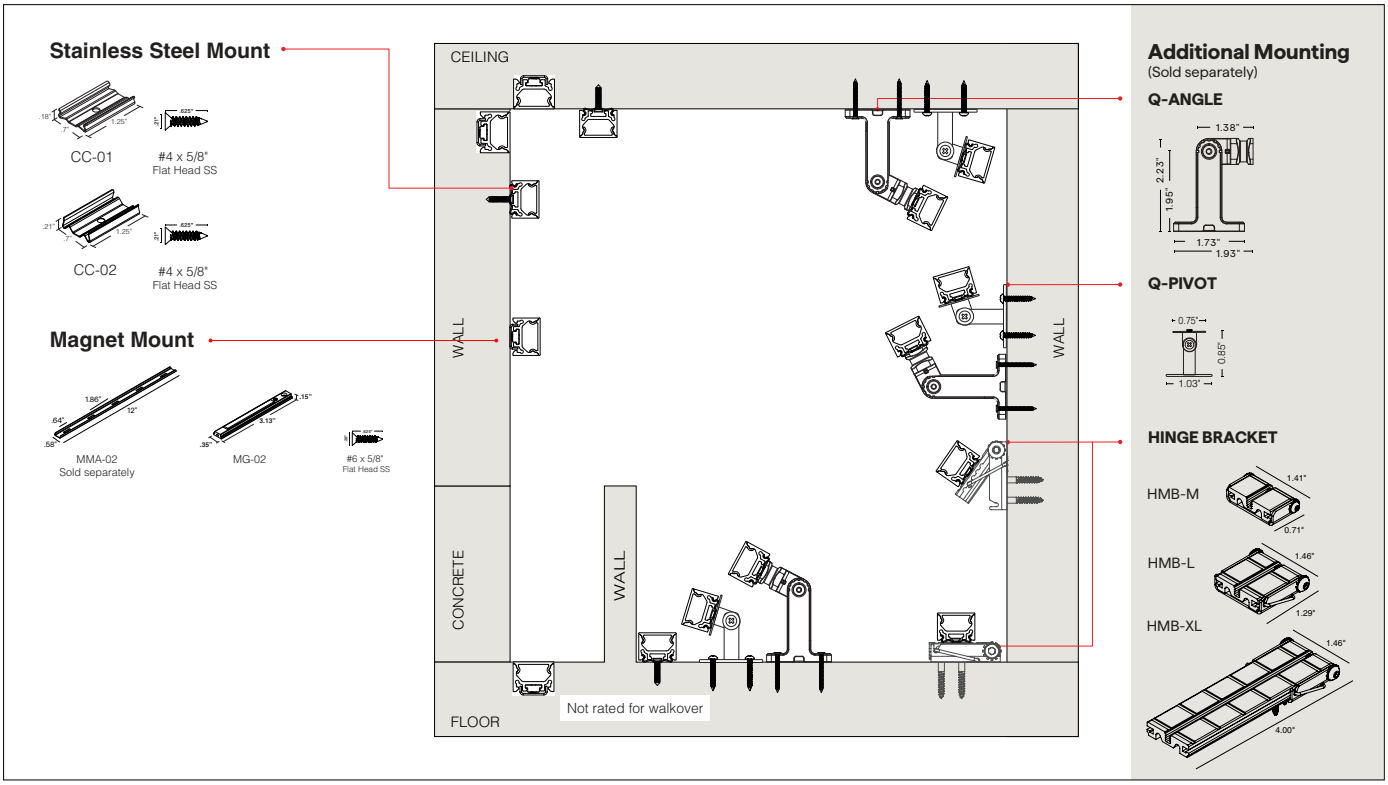
VERS

Linear Fixture Installation Instructions

ATTENTION: Please read all instructions BEFORE installation

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

METHODS OF INSTALLATION:



Surface Mounting Method

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

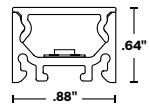
Recessed Mounting Method

- Magnet Mount : Millwork (page 10)

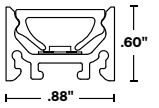
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VERS

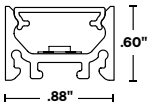
Linear Fixture Installation Instructions



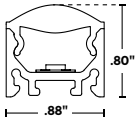
VERS-PROUD (01)



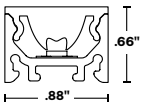
VERS-FLUSH (02)



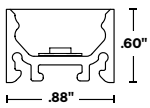
VERS-CLEAR (03)



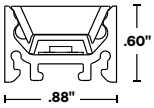
VERS-GRAZER (04)



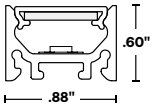
VERS-OPTICS (05)



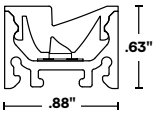
VERS-ENCAPSULATED (06)



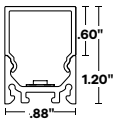
VERS-LOUVER (07)



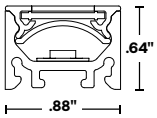
VERS-INSERT (08)



VERS-ASYMMETRIC (09)



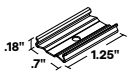
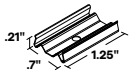
VERS-DROP (10)

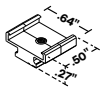
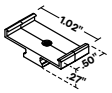
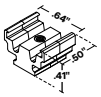
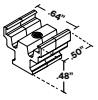
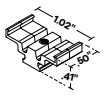
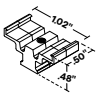


VERS-NANO LOUVER (11)

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

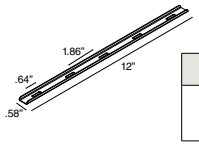
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VERS

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

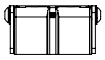


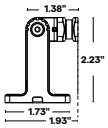
Image shows HMB-M

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

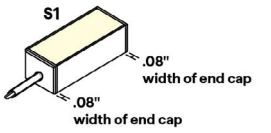
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VERS

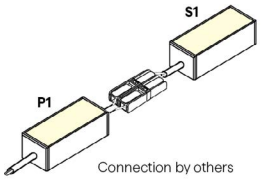
Linear Fixture Installation Instructions

CONFIGURATION OPTIONS

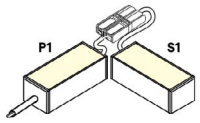
VERS-FLAT



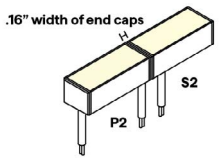
Single End Feed



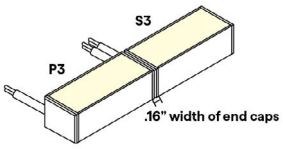
Connection by others
Non-Continuous End Feed



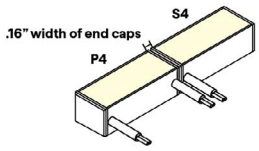
Connection by others
Non-Continuous Corner Feed



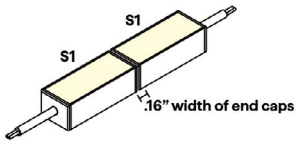
Continuous Bottom Feed



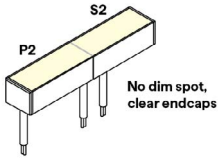
Continuous Side Feed - Left



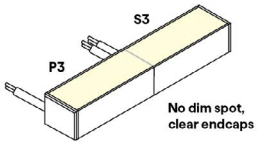
Continuous Side Feed - Right



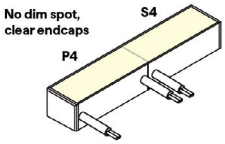
Continuous End to End Feed



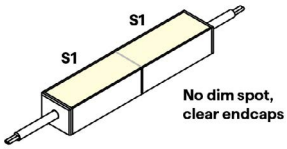
*Continuous Bottom Feed



*Continuous Side Feed - Left

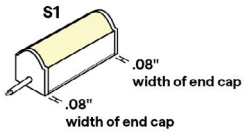


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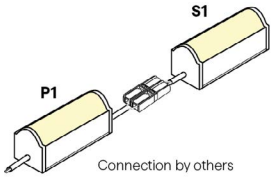


*Continuous End to End Feed

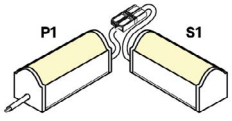
VERS-OPTICS



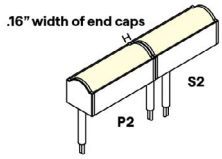
Single End Feed



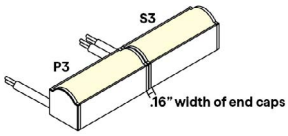
Connection by others
Non-Continuous End Feed



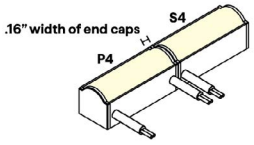
Connection by others
Non-Continuous Corner Feed



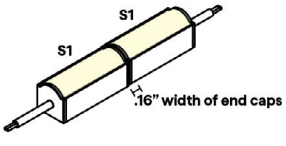
Continuous Bottom Feed



Continuous Side Feed - Left

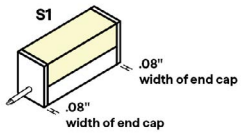


Continuous Side Feed - Right

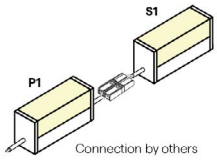


Continuous End to End Feed

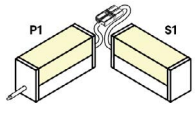
VERS-DROP



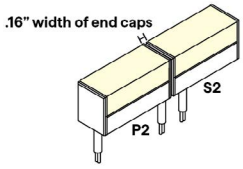
Single End Feed



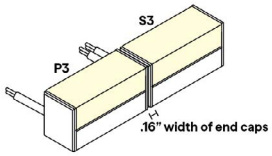
Connection by others
Non-Continuous End Feed



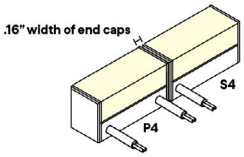
Connection by others
Non-Continuous Corner Feed



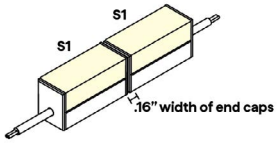
Continuous Bottom Feed



Continuous Side Feed - Left



Continuous Side Feed - Right



Continuous End to End Feed

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

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

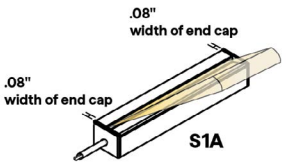
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VERS

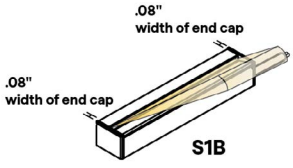
Linear Fixture Installation Instructions

CONFIGURATION OPTIONS

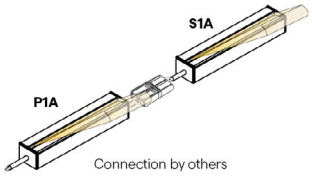
VERS-ASYMMETRIC



Single End Feed

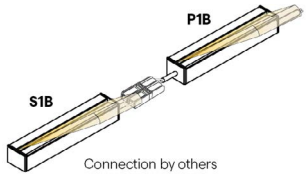


Single End Feed



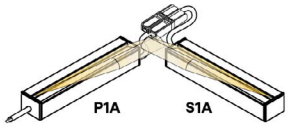
Connection by others

Non-Continuous End Feed



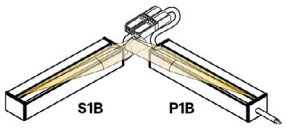
Connection by others

Non-Continuous End Feed



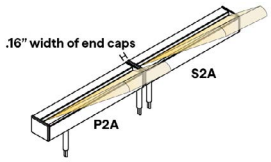
Connection by others

Non-Continuous Corner Feed

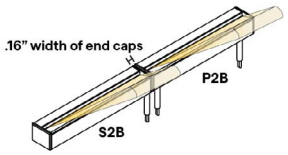


Connection by others

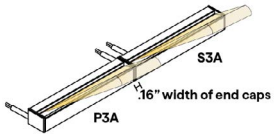
Non-Continuous Corner Feed



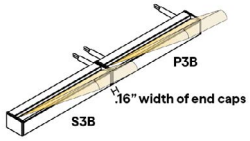
Continuous Bottom Feed



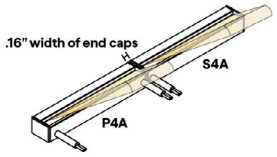
Continuous Bottom Feed



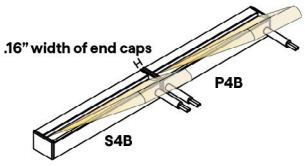
Continuous Side Feed - Left



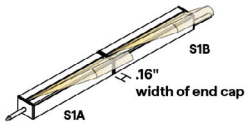
Continuous Side Feed - Left



Continuous Side Feed - Right



Continuous Side Feed - Right



Continuous End to End Feed

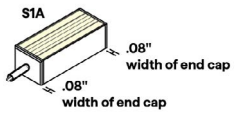
Review wire method to ensure clean installation prior to mounting extrusion.

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

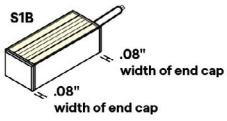
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CONFIGURATION OPTIONS

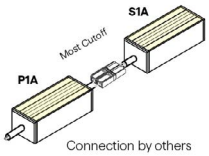
VERS-NANO-LOUVER



Single End Feed

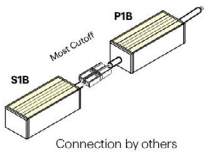


Single End Feed



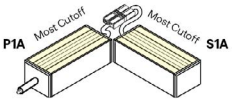
Connection by others

Non-Continuous End Feed



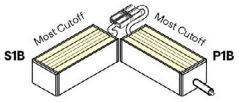
Connection by others

Non-Continuous End Feed



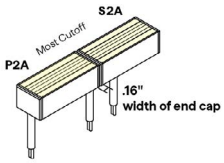
Connection by others

Non-Continuous Corner Feed

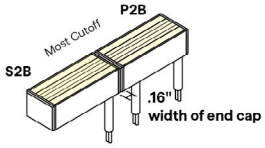


Connection by others

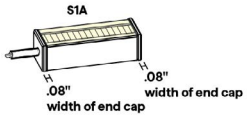
Non-Continuous Corner Feed



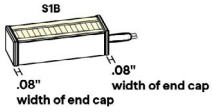
Continuous Bottom Feed



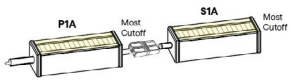
Continuous Bottom Feed



Single End Feed

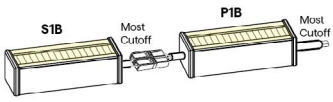


Single End Feed



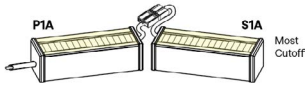
Connection by others

Non-Continuous End Feed



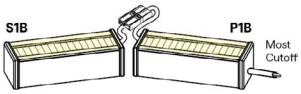
Connection by others

Non-Continuous End Feed



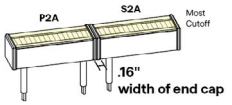
Connection by others

Non-Continuous Corner Feed

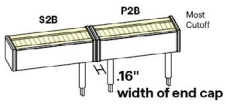


Connection by others

Non-Continuous Corner Feed



Continuous Bottom Feed



Continuous Bottom Feed

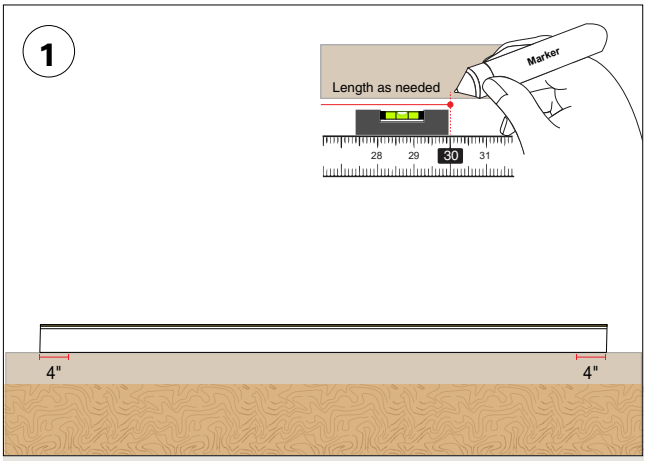
Review wire method to ensure clean installation prior to mounting finished Fixture.

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

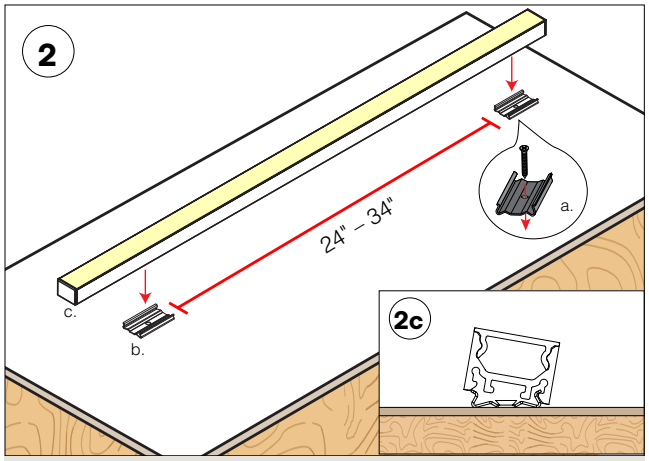
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SURFACE MOUNTING METHOD: **SCREW MOUNT**

- 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".

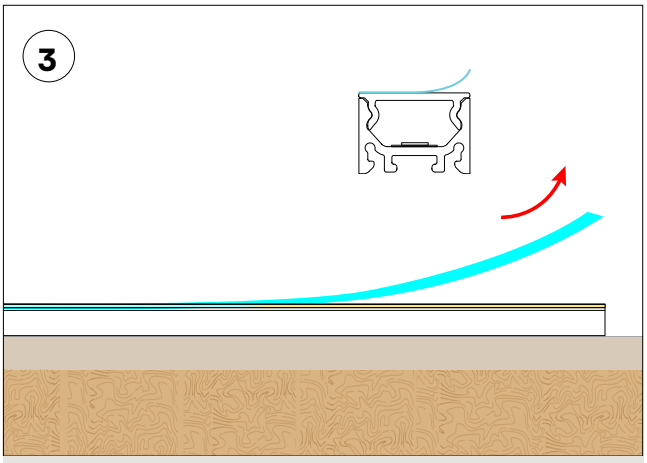


a. Secure clips using the #4 flat head hardware provided. The first and last clip should be placed 4" inward from each end of the fixture.

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.

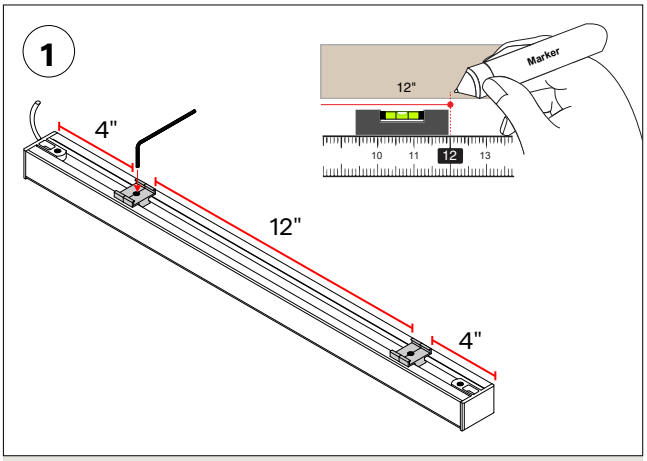


Remove protective film from the surface of the fixture's lens.

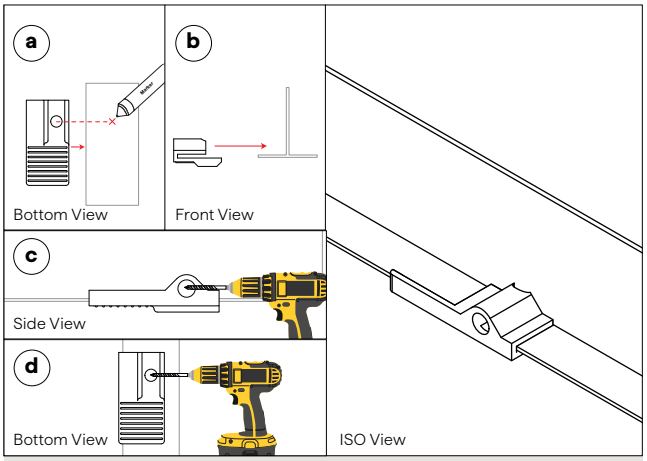
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SURFACE MOUNTING METHOD: **PLASTIC T-BAR MOUNT**

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

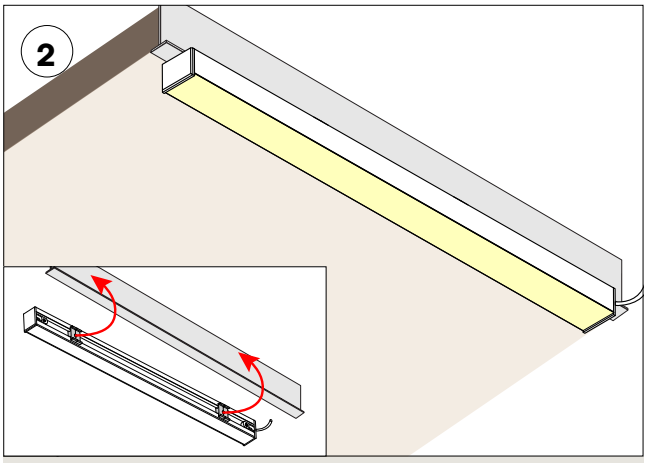


Determine the VERS extrusion(s) location and positioning on desired surface. Make any necessary reference markings to indicate where each clip is to be secured in place. Adjust the preinstalled T-Bar Clips by loosening the screws to slide into desired position. Recommended 4" from each end and 12" apart.

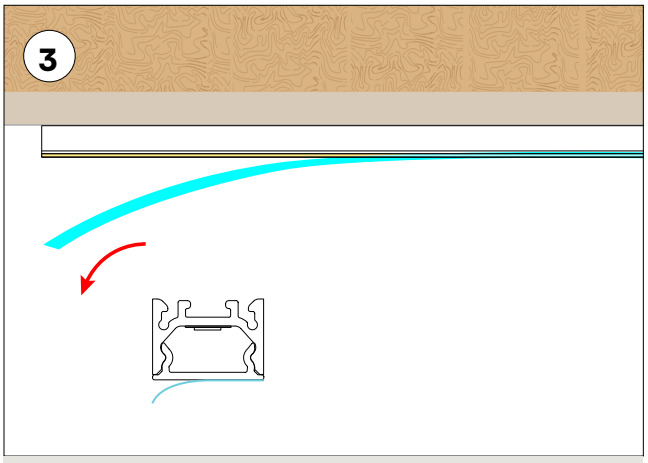


OPTIONAL - REQUIRED FOR S2/P2
Use provided jig to drill a hole in the t-bar ceiling grid, which will allow the wire to feed into the ceiling.

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.

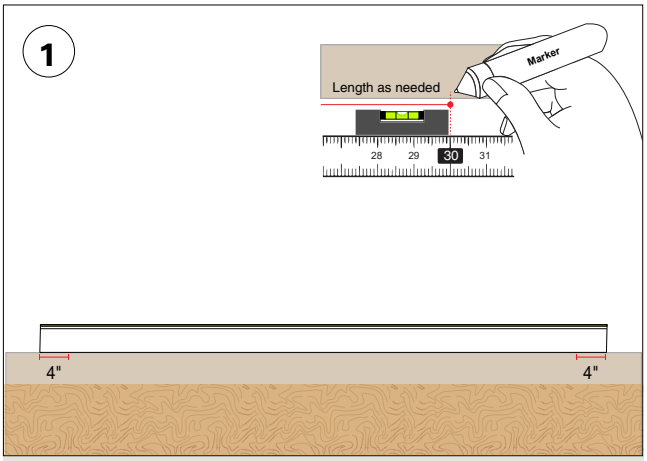


Remove protective film from the surface of the extrusion's lens.

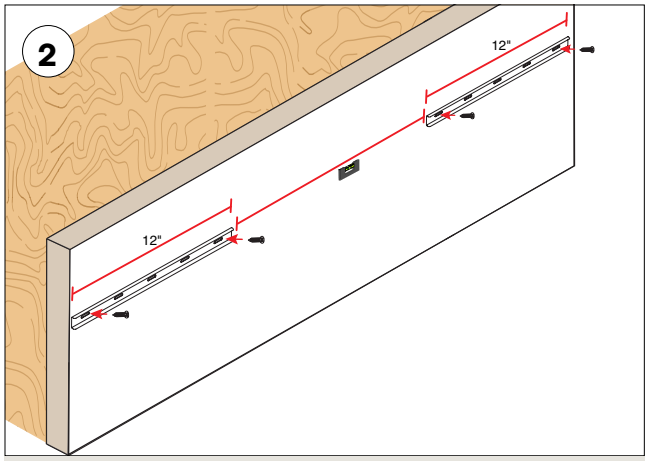
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SURFACE MOUNTING METHOD: **MAGNET MOUNT**

- 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

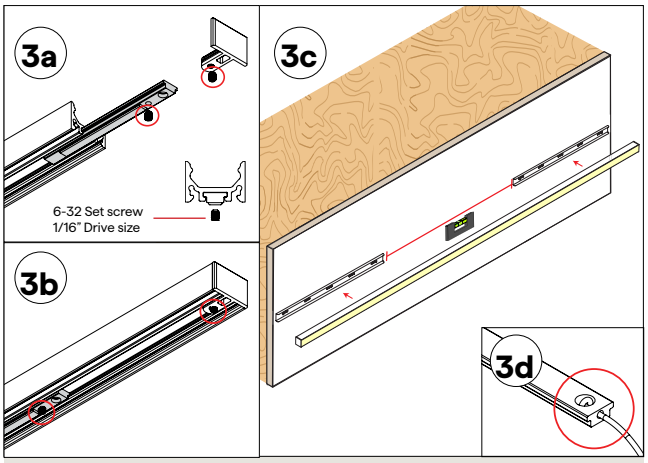


Determine the VERS fixture(s) location and positioning on desired surface. Make any necessary reference markings to indicate where the magnet mount accessory bracket is to be secured in place.



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.



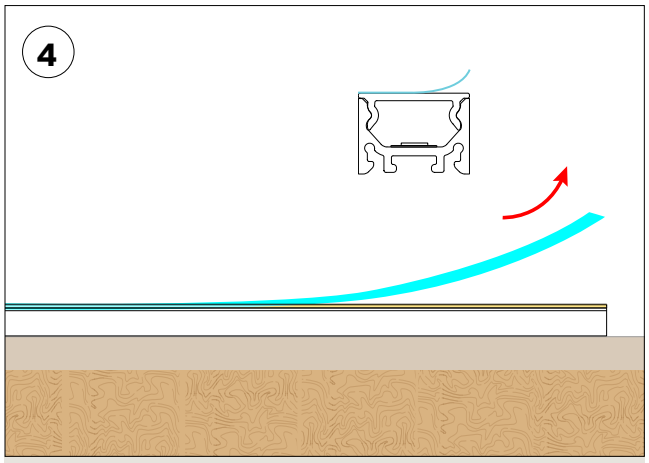
a. Unscrew the non-feed VERS endcap using an allen key, and slide in the magnet clips.

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.

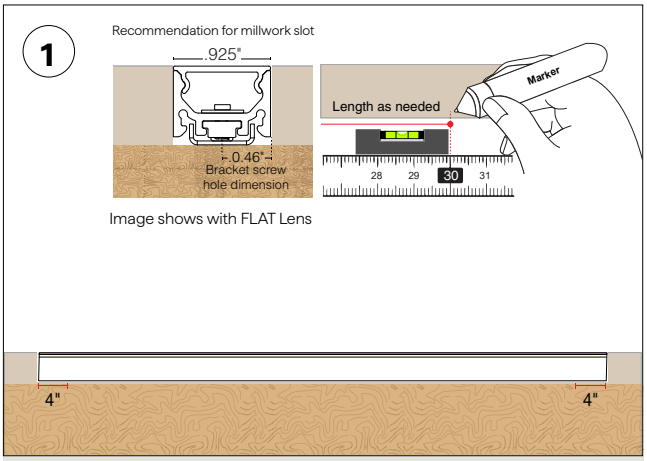


Remove protective film from the surface of the fixture's lens.

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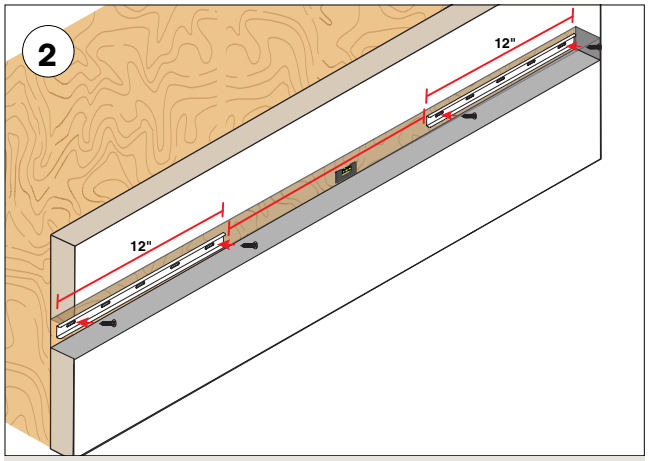
RECESSED MOUNTING METHOD: **MAGNET MOUNT**

- 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



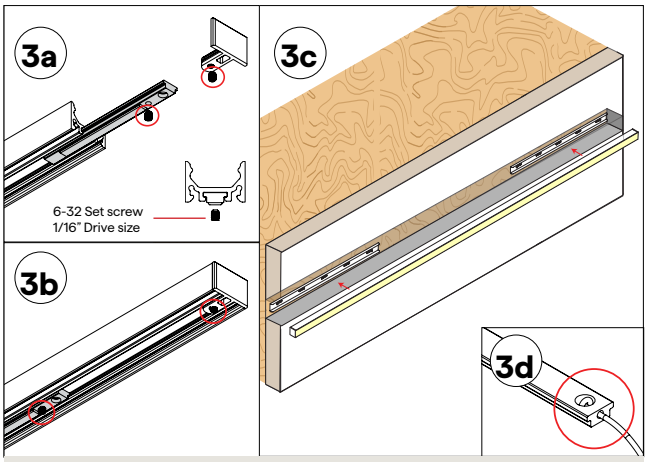
Determine the VERS fixture(s) location and positioning on desired surface. Make any necessary reference markings to indicate where the magnet mount accessory bracket is to be secured in place.

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.



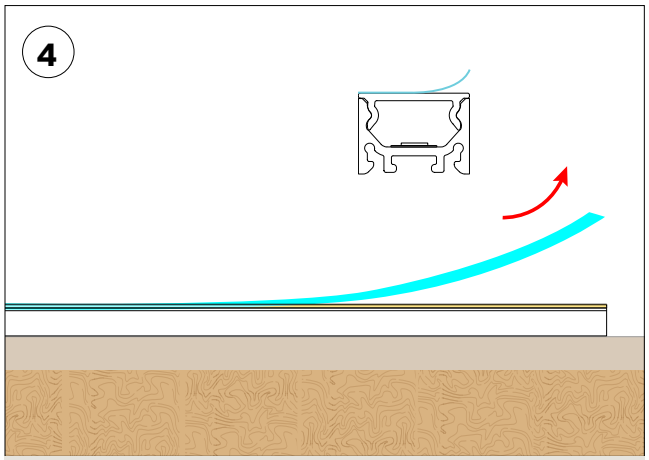
a. Unscrew the non-feed VERS endcap using an allen key, and slide in the magnet clips.

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-OPTICS (05)

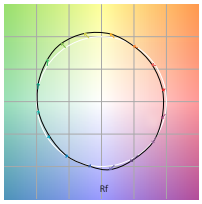
Linear Fixtures - Surface

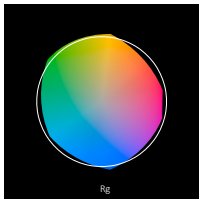
1.5W/FT DYNAMIC WHITE HIGH EFFICACY - 40D

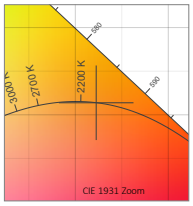
VERS-05-DW-1.5HE-20-DRY-40D

2041 K

CRI: 92.9
CRI R9: 61.6
TM30 Rf: 89.6
TM30 Rg: 102.6
CQS: 80.3
X: 0.522
Y: 0.414
U: 0.302
V: 0.359
Δuv: -0.0002



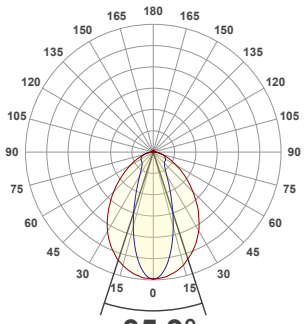




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.8	96.2	95.4	94.2	93.0	97.0	91.6	81.6	61.6	89.1	96.1	88.6	94.6	95.5	88.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
75.7	84.7	81.7	82.4	80.5	76.3	75.4	79.6	87.4	84.0	84.6	84.5	84.4	79.0	77.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
90.3	89.2	87.9	89.2	90.6	88.5	86.7	88.9	90.8	93.3	92.1	89.8	90.6	75.6	87.4	89.0

TM30			
Hue Bin	R_f	Chroma	Hue
1	90	-4%	-1%
2	89	-4%	4%
3	88	-1%	6%
4	89	5%	7%
5	91	8%	5%
6	89	9%	1%
7	87	5%	-7%
8	89	1%	-8%
9	91	-2%	-5%
10	93	-4%	0%
11	92	-1%	3%
12	90	1%	3%
13	91	5%	-8%
14	76	1%	-14%
15	87	1%	-9%
16	89	-4%	-7%

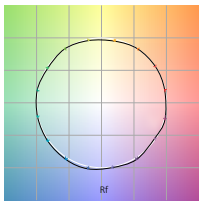
Beam Angle

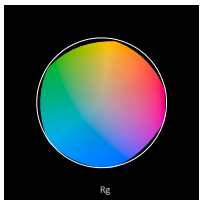


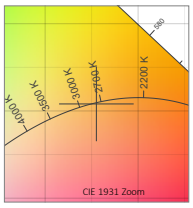
VERS-05-DW-1.5HE-27-DRY-40D

2750 K

CRI: 97.9
CRI R9: 94.7
TM30 Rf: 95.2
TM30 Rg: 100.5
CQS: 95.5
X: 0.455
Y: 0.408
U: 0.261
V: 0.350
Δuv: -0.0006



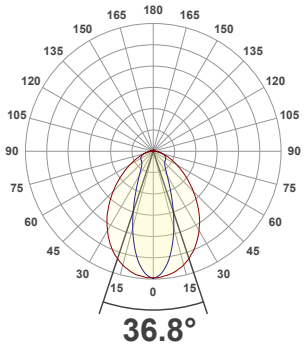




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.0	99.1	97.3	98.0	98.2	96.8	98.1	97.8	94.7	99.8	95.2	87.7	98.0	97.3	99.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.2	95.8	93.6	94.3	96.2	97.4	95.5	96.9	97.2	97.3	97.5	97.0	97.3	95.6	95.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.6	98.0	97.0	94.9	96.1	97.2	94.1	97.7	95.4	93.8	93.4	93.0	94.4	93.6	94.4	91.6

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

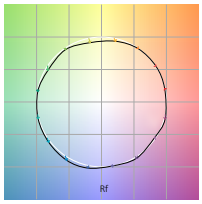
Beam Angle

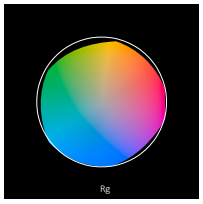


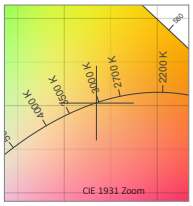
VERS-05-DW-1.5HE-30-DRY-40D

3033 K

CRI: 97.6
CRI R9: 97.7
TM30 Rf: 93.0
TM30 Rg: 98.9
CQS: 94.9
X: 0.435
Y: 0.403
U: 0.250
V: 0.347
Δuv: -0.0002



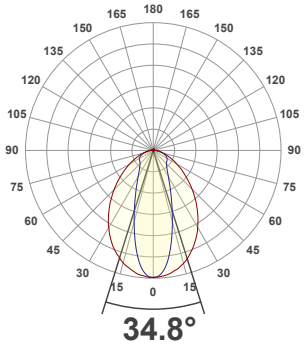




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.7	98.5	98.4	98.0	97.5	96.5	97.0	97.4	97.7	98.5	97.6	83.4	97.7	98.0	97.6
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.6	95.3	94.4	93.2	93.6	94.6	98.2	98.3	96.7	96.6	97.6	97.1	97.4	96.0	94.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.7	97.0	96.3	92.0	92.1	95.9	89.2	94.9	91.1	89.1	91.0	92.9	93.9	93.4	91.5	91.3

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

Beam Angle



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Specification subject to change. Rev-06-21-23

VERS-OPTICS (05)

Linear Fixtures - Surface

1.5W/FT DYNAMIC WHITE HIGH EFFICACY - 40D

VERS-05-DW-1.5HE-40-DRY-40D

4070 K

CRI: 97.3

CRI R9: 96.4

TM30 Rf: 92.2

TM30 Rg: 99.5

CQS: 94.7

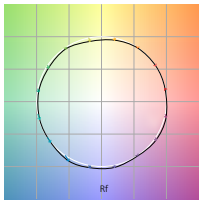
X: 0.378

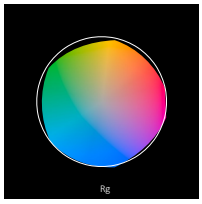
Y: 0.376

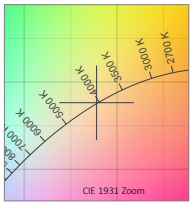
U: 0.224

V: 0.334

Δuv: 0.0005





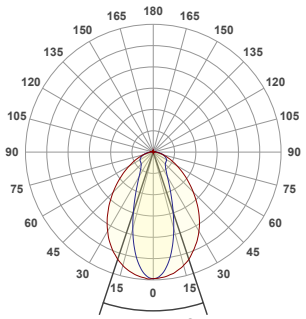


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.8	98.9	95.4	97.9	96.7	95.4	98.3	97.3	96.4	95.2	97.7	71.6	99.1	96.8	96.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.0	98.9	89.5	88.4	92.3	95.1	97.3	98.7	97.6	98.0	98.2	99.3	99.2	98.9	96.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.8	97.2	96.1	92.7	91.2	96.0	93.7	92.6	89.1	87.0	86.2	92.6	94.8	94.8	90.3	90.2

TM30

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

Beam Angle



36.7°

VERS-05-DW-1.5HE-55-DRY-40D

5654 K

CRI: 96.1

CRI R9: 93.8

TM30 Rf: 90.4

TM30 Rg: 97.6

CQS: 93.8

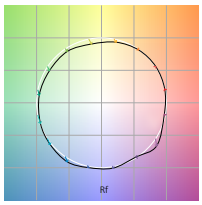
X: 0.329

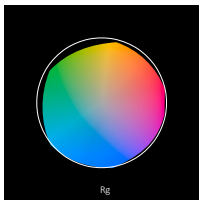
Y: 0.343

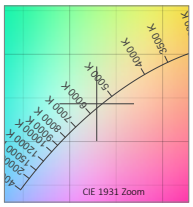
U: 0.204

V: 0.319

Δuv: -0.0006





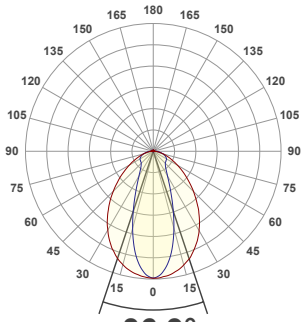


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.7	98.3	98.9	93.6	95.0	95.7	94.6	94.9	93.8	98.3	96.3	71.0	98.3	99.5	93.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
89.9	96.1	91.5	87.4	89.4	91.3	97.1	98.2	98.9	98.8	98.8	99.2	99.5	98.1	95.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
92.2	96.7	94.8	90.7	87.0	93.4	89.8	86.5	86.3	84.8	87.0	96.2	92.7	93.8	84.8	94.9

TM30

Hue Bin	R_f	Chroma	Hue
1	92	0%	2%
2	97	1%	0%
3	95	-1%	-2%
4	91	-4%	-4%
5	87	-8%	-3%
6	93	-5%	0%
7	90	-6%	3%
8	86	-4%	7%
9	86	-2%	13%
10	85	1%	10%
11	87	5%	7%
12	96	2%	-1%
13	93	2%	-3%
14	94	-1%	-2%
15	85	8%	-8%
16	95	-2%	2%

Beam Angle



36.9°

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VERS-OPTICS (05)

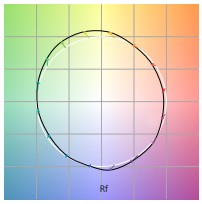
Linear Fixtures - Surface

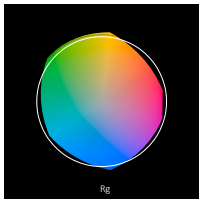
1.5W/FT DYNAMIC WHITE HIGH EFFICACY - 50D

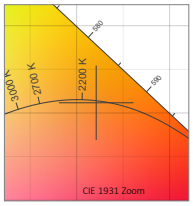
VERS-05-DW-1.5HE-20-DRY-50D

2040 K

CRI: 93.1
CRI R9: 62.8
TM30 Rf: 88.3
TM30 Rg: 104.0
CQS: 79.3
X: 0.521
Y: 0.412
U: 0.302
V: 0.358
Δuv: -0.0007





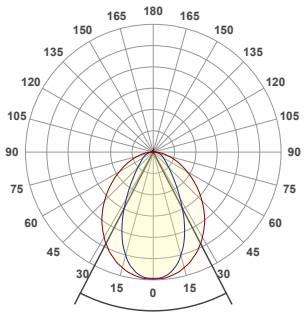


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94.2	96.5	95.7	94.3	93.5	97.3	91.4	82.0	62.8	89.9	96.1	90.4	95.0	95.8	89.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
74.0	84.7	81.5	82.5	79.6	74.3	73.1	77.8	86.7	83.3	83.5	83.1	83.1	79.8	77.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
89.9	88.1	86.3	86.1	88.2	86.4	83.7	85.9	88.4	92.7	91.7	89.4	90.1	75.1	86.6	89.0

TM30

Hue Bin	R_f	Chroma	Hue
1	90	-4%	-2%
2	88	-3%	5%
3	86	-1%	7%
4	86	7%	8%
5	88	11%	5%
6	86	11%	0%
7	84	7%	-9%
8	86	2%	-11%
9	88	-2%	-6%
10	93	-4%	-1%
11	92	-1%	3%
12	89	1%	3%
13	90	6%	-8%
14	75	2%	-14%
15	87	1%	-10%
16	89	-3%	-7%

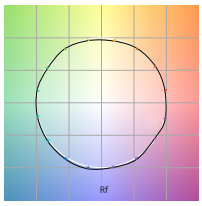
Beam Angle

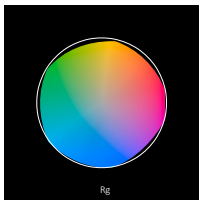


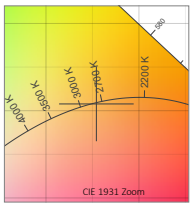
VERS-05-DW-1.5HE-27-DRY-50D

2761 K

CRI: 97.8
CRI R9: 96.2
TM30 Rf: 95.3
TM30 Rg: 100.7
CQS: 95.7
X: 0.454
Y: 0.408
U: 0.260
V: 0.350
Δuv: -0.0006





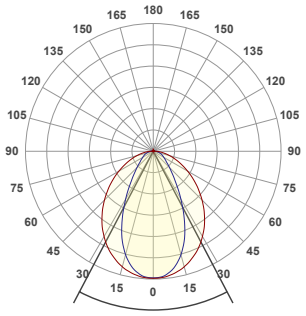


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.5	98.9	97.0	97.4	97.8	96.7	98.5	98.4	96.2	99.7	94.8	88.1	97.5	97.1	98.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.4	95.9	93.9	94.7	96.5	97.2	95.6	97.2	97.0	97.4	97.4	96.7	96.9	95.6	95.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.7	97.9	96.9	94.9	96.1	97.1	94.1	97.6	95.5	94.0	93.6	93.2	94.7	93.9	94.5	91.9

TM30

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

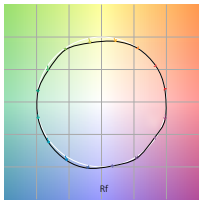
Beam Angle

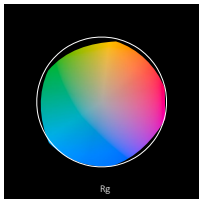


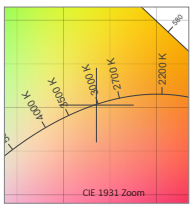
VERS-05-DW-1.5HE-30-DRY-50D

3018 K

CRI: 97.5
CRI R9: 98.2
TM30 Rf: 92.7
TM30 Rg: 98.8
CQS: 94.7
X: 0.435
Y: 0.403
U: 0.250
V: 0.347
Δuv: -0.0003





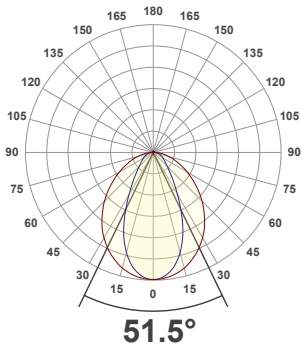


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.6	98.3	98.3	98.0	97.5	96.5	96.9	97.3	98.2	98.5	98.1	82.7	97.6	97.9	97.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.3	95.2	94.1	92.6	93.0	94.1	98.2	98.2	96.9	96.9	97.8	97.2	97.4	95.9	93.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.4	96.9	96.3	91.7	91.8	95.7	88.6	94.6	90.5	88.7	90.4	92.7	93.8	93.2	91.1	90.9

TM30

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

Beam Angle



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VERS-OPTICS (05)

Linear Fixtures - Surface

1.5W/FT DYNAMIC WHITE HIGH EFFICACY - 50D

VERS-05-DW-1.5HE-40-DRY-50D

4066 K

CRI: 97.5

CRI R9: 95.0

TM30 Rf: 92.5

TM30 Rg: 99.8

CQS: 95.0

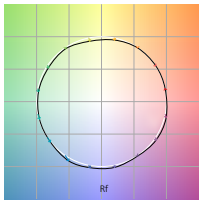
X: 0.378

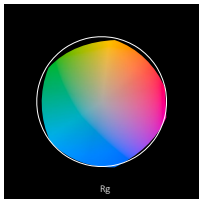
Y: 0.376

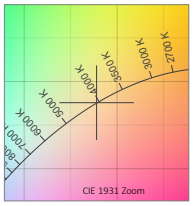
U: 0.224

V: 0.334

Δuv: 0.0003



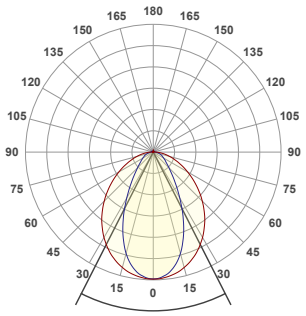




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.8	99.0	95.5	98.4	97.1	95.6	98.5	97.1	95.0	95.8	97.9	72.6	99.2	96.9	96.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.4	99.1	89.7	88.9	93.0	95.8	97.3	98.8	97.6	98.1	98.4	99.5	99.2	98.9	96.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.9	97.3	96.2	93.0	91.6	96.2	94.2	93.1	89.6	87.8	86.6	92.6	95.0	94.8	90.6	90.4

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	0%	1%
2	97	0%	-1%
3	96	0%	0%
4	93	-3%	-1%
5	92	-5%	0%
6	96	-2%	1%
7	94	-3%	2%
8	93	-2%	4%
9	90	-1%	8%
10	88	0%	8%
11	87	4%	8%
12	93	3%	3%
13	95	3%	0%
14	95	1%	0%
15	91	3%	-3%
16	90	2%	-5%

Beam Angle



53.9°

VERS-05-DW-1.5HE-55-DRY-50D

5673 K

CRI: 96.3

CRI R9: 94.9

TM30 Rf: 90.7

TM30 Rg: 97.8

CQS: 93.9

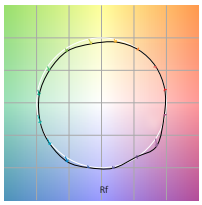
X: 0.329

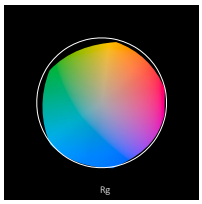
Y: 0.343

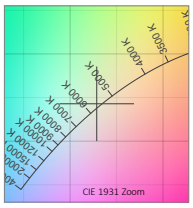
U: 0.204

V: 0.319

Δuv: -0.0007



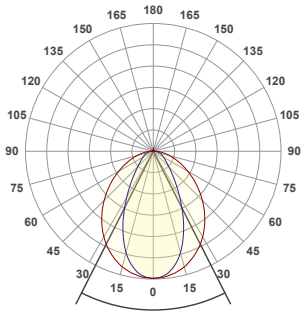




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.7	98.7	98.9	94.1	95.2	95.6	95.0	95.3	94.9	98.8	96.7	71.1	98.5	99.4	93.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.4	96.6	91.1	87.5	89.8	91.8	97.5	98.2	99.2	99.1	98.7	99.1	99.3	98.1	95.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
92.5	96.8	95.0	91.1	87.6	94.0	90.4	87.1	86.7	85.1	86.9	96.4	92.9	94.0	84.9	95.1

TM30			
Hue Bin	R_f	Chroma	Hue
1	92	0%	2%
2	97	0%	0%
3	95	-1%	-2%
4	91	-4%	-4%
5	88	-8%	-2%
6	94	-5%	0%
7	90	-6%	3%
8	87	-4%	7%
9	87	-2%	12%
10	85	1%	10%
11	87	5%	7%
12	96	2%	-1%
13	93	2%	-3%
14	94	-1%	-2%
15	85	8%	-8%
16	95	-2%	1%

Beam Angle



53.7°

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VERS-OPTICS (05)

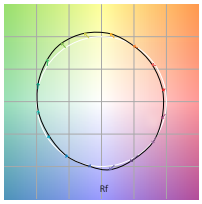
Linear Fixtures - Surface

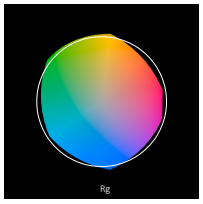
2.5W/FT DYNAMIC WHITE HIGH EFFICACY - 40D

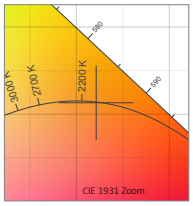
VERS-05-DW-2.5HE-20-DRY-40D

2046 K

CRI: 93.2
CRI R9: 62.0
TM30 Rf: 89.6
TM30 Rg: 102.8
CQS: 80.5
X: 0.521
Y: 0.413
U: 0.302
V: 0.358
Δuv: -0.0003





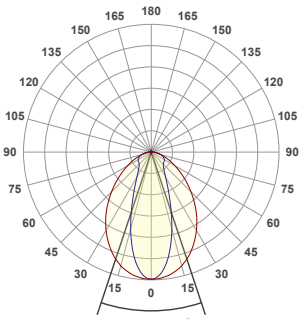


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94.1	96.6	96.1	94.5	93.5	97.5	91.4	81.7	62.0	90.1	96.5	90.2	95.0	95.9	88.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
75.7	84.8	82.1	83.0	81.0	76.6	75.5	79.5	87.3	84.1	84.6	84.3	84.2	79.5	77.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
90.4	89.1	88.0	89.1	90.4	88.5	86.6	88.7	90.9	93.7	92.4	90.1	90.4	75.3	87.3	88.9

TM30

Hue Bin	R_f	Chroma	Hue
1	90	-4%	-1%
2	89	-4%	4%
3	88	-1%	6%
4	89	5%	7%
5	90	8%	5%
6	88	9%	1%
7	87	5%	-7%
8	89	1%	-8%
9	91	-2%	-5%
10	94	-4%	0%
11	92	0%	3%
12	90	1%	3%
13	90	5%	-8%
14	75	1%	-14%
15	87	1%	-9%
16	89	-4%	-7%

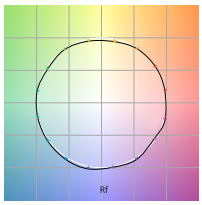
Beam Angle



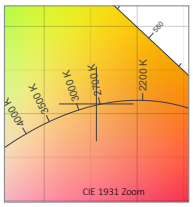
VERS-05-DW-2.5HE-27-DRY-40D

2760 K

CRI: 98.1
CRI R9: 94.4
TM30 Rf: 94.7
TM30 Rg: 100.0
CQS: 95.4
X: 0.456
Y: 0.411
U: 0.260
V: 0.351
Δuv: 0.0005





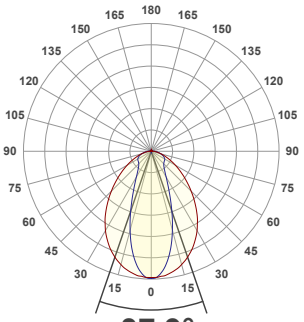


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.2	99.7	96.5	97.8	98.5	97.6	98.6	97.9	94.4	98.7	95.2	86.9	98.3	96.8	98.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.6	95.8	93.8	94.5	96.3	97.7	96.7	97.7	96.3	95.9	96.0	95.8	96.3	96.2	94.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.3	97.9	96.7	93.9	95.6	97.0	93.4	97.0	94.7	93.2	92.9	93.0	94.7	93.5	93.9	91.1

TM30

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

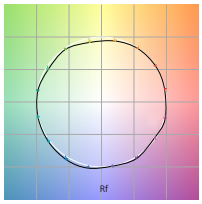
Beam Angle

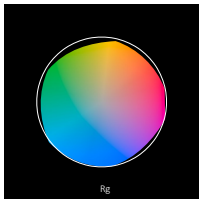


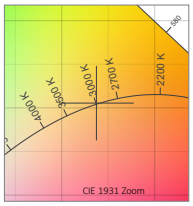
VERS-05-DW-2.5HE-30-DRY-40D

3009 K

CRI: 98.0
CRI R9: 94.7
TM30 Rf: 93.4
TM30 Rg: 99.0
CQS: 95.0
X: 0.437
Y: 0.405
U: 0.250
V: 0.348
Δuv: 0.0005





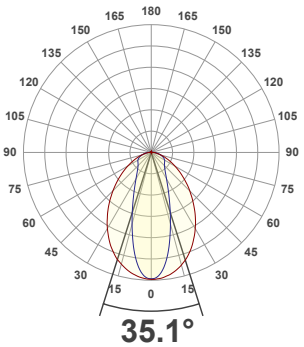


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.5	99.3	97.7	98.5	98.2	97.4	97.4	97.1	94.7	99.3	97.8	83.6	98.5	97.6	98.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.1	95.6	94.0	93.2	94.1	95.4	98.3	98.3	96.3	95.9	97.0	96.9	97.3	96.4	94.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.0	97.4	96.6	92.9	92.6	96.2	90.3	95.4	91.8	90.0	91.1	92.9	94.1	93.1	91.6	91.0

TM30

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

Beam Angle



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Specification subject to change. Rev-06-21-23

VERS-OPTICS (05)

Linear Fixtures - Surface

2.5W/FT DYNAMIC WHITE HIGH EFFICACY - 40D

VERS-05-DW-2.5HE-40-DRY-40D

4051 K

CRI: 97.1

CRI R9: 99.0

TM30 Rf: 92.3

TM30 Rg: 99.5

CQS: 94.7

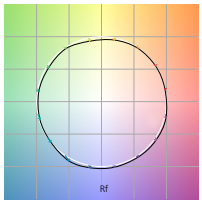
X: 0.379

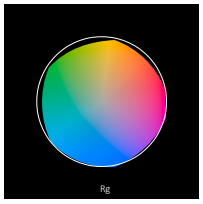
Y: 0.378

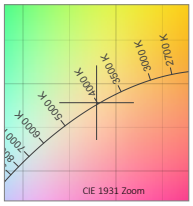
U: 0.224

V: 0.335

Δuv: 0.0011



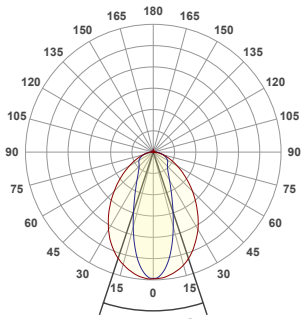




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.5	98.1	94.7	97.6	96.3	94.6	98.8	98.1	99.0	93.4	97.0	71.4	98.5	96.5	96.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.6	99.1	89.1	88.2	92.3	94.9	96.9	98.4	97.4	97.6	97.7	98.9	99.1	99.2	97.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.0	97.2	96.0	92.8	91.4	96.1	93.9	92.9	89.4	87.0	85.9	92.0	95.0	94.4	90.3	90.1

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	0%	0%
2	97	0%	-1%
3	96	-1%	0%
4	93	-3%	-1%
5	91	-5%	0%
6	96	-2%	1%
7	94	-3%	2%
8	93	-2%	4%
9	89	-2%	8%
10	87	0%	8%
11	86	4%	9%
12	92	3%	3%
13	95	3%	0%
14	94	2%	0%
15	90	3%	-3%
16	90	2%	-5%

Beam Angle



36.6°

VERS-05-DW-2.5HE-55-DRY-40D

5629 K

CRI: 97.0

CRI R9: 96.7

TM30 Rf: 91.7

TM30 Rg: 98.7

CQS: 94.3

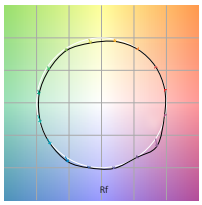
X: 0.330

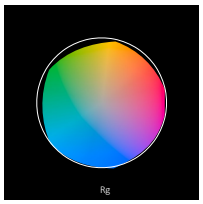
Y: 0.343

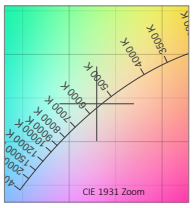
U: 0.204

V: 0.319

Δuv: -0.0008



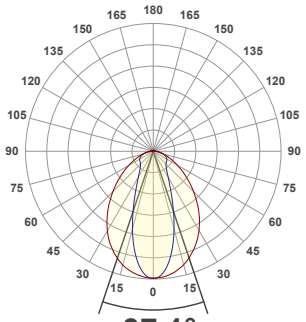




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.0	99.7	97.8	95.7	95.8	95.3	96.7	96.7	96.7	98.5	97.3	72.2	99.2	98.7	94.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.3	98.3	90.0	87.4	90.8	93.3	97.8	98.3	98.8	98.7	97.7	98.4	99.0	98.5	96.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
93.4	97.2	95.4	92.4	90.3	95.5	92.3	89.2	88.2	85.9	86.6	96.9	93.8	94.6	85.4	96.0

TM30			
Hue Bin	R_f	Chroma	Hue
1	93	-1%	1%
2	97	0%	0%
3	95	-1%	-1%
4	92	-3%	-2%
5	90	-6%	-2%
6	96	-3%	0%
7	92	-5%	2%
8	89	-3%	6%
9	88	-2%	11%
10	86	1%	9%
11	87	4%	7%
12	97	2%	0%
13	94	3%	-2%
14	95	0%	-2%
15	85	8%	-8%
16	96	-1%	1%

Beam Angle



37.1°

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VERS-OPTICS (05)

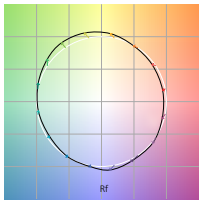
Linear Fixtures - Surface

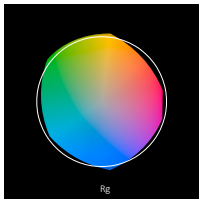
2.5W/FT DYNAMIC WHITE HIGH EFFICACY - 50D

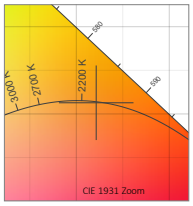
VERS-05-DW-2.5HE-20-DRY-50D

2043 K

CRI: 93.0
CRI R9: 62.4
TM30 Rf: 89.2
TM30 Rg: 103.3
CQS: 80.0
X: 0.521
Y: 0.413
U: 0.302
V: 0.358
Δuv: -0.0004





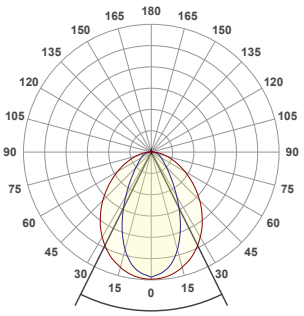


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94.1	96.4	95.6	94.3	93.3	97.1	91.6	81.9	62.4	89.5	96.1	89.0	94.8	95.6	89.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
75.5	84.8	81.4	82.5	80.6	75.8	74.3	78.7	87.2	83.7	84.1	83.9	83.9	79.6	77.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
90.3	88.9	87.3	88.5	89.9	87.8	85.7	88.2	90.5	93.4	91.7	89.4	90.4	75.6	86.9	88.6

TM30

Hue Bin	R_f	Chroma	Hue
1	90	-4%	-1%
2	89	-4%	5%
3	87	-1%	7%
4	89	5%	7%
5	90	9%	5%
6	88	9%	1%
7	86	6%	-8%
8	88	1%	-9%
9	90	-2%	-5%
10	93	-4%	0%
11	92	0%	4%
12	89	2%	3%
13	90	6%	-8%
14	76	2%	-14%
15	87	1%	-10%
16	89	-3%	-7%

Beam Angle

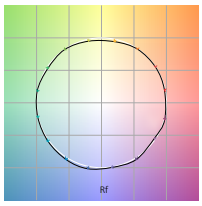


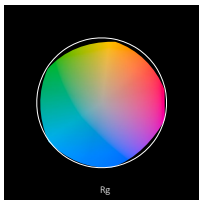
52.8°

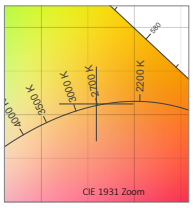
VERS-05-DW-2.5HE-27-DRY-50D

2726 K

CRI: 98.2
CRI R9: 91.2
TM30 Rf: 94.8
TM30 Rg: 99.7
CQS: 95.2
X: 0.459
Y: 0.412
U: 0.261
V: 0.352
Δuv: 0.0007





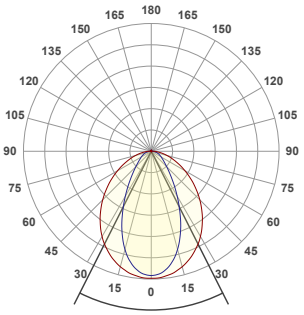


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.9	99.8	96.8	98.5	99.0	97.8	98.0	96.5	91.2	98.4	95.9	87.5	98.9	97.1	98.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.3	95.5	94.0	94.5	96.0	97.5	96.9	97.6	95.9	95.3	95.6	95.7	96.5	95.6	94.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.1	98.0	96.8	94.0	95.7	96.9	95.1	97.0	94.8	93.4	93.2	93.0	94.3	93.2	93.9	91.2

TM30

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

Beam Angle

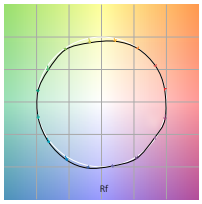


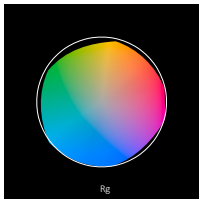
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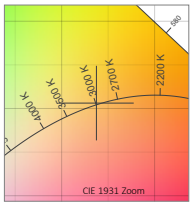
VERS-05-DW-2.5HE-30-DRY-50D

3013 K

CRI: 98.0
CRI R9: 94.9
TM30 Rf: 93.0
TM30 Rg: 98.7
CQS: 94.7
X: 0.437
Y: 0.406
U: 0.250
V: 0.348
Δuv: 0.0008





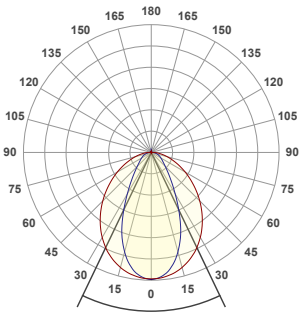


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.6	99.4	97.6	98.3	98.1	97.6	97.2	97.0	94.9	99.0	98.3	82.9	98.7	97.6	97.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.7	95.3	94.0	92.9	93.6	94.7	98.1	98.2	95.8	95.2	96.7	96.7	97.2	96.5	94.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.7	97.3	96.5	92.3	92.1	95.8	89.4	94.8	91.2	89.3	90.7	92.9	94.1	93.1	91.3	90.8

TM30

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

Beam Angle



51.2°

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VERS-OPTICS (05)

Linear Fixtures - Surface

2.5W/FT DYNAMIC WHITE HIGH EFFICACY - 50D

VERS-05-DW-2.5HE-40-DRY-50D

4063 K

CRI: 97.2

CRI R9: 98.0

TM30 Rf: 92.3

TM30 Rg: 99.4

CQS: 94.8

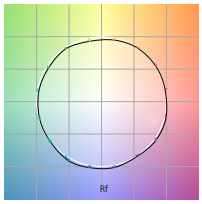
X: 0.379

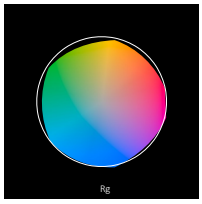
Y: 0.378

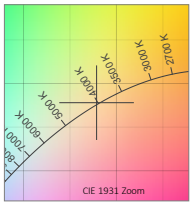
U: 0.223

V: 0.335

Δuv: 0.0011





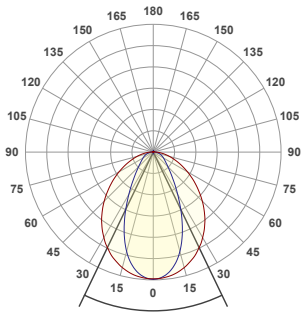


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.8	98.4	94.9	97.8	96.6	95.0	98.5	97.8	98.0	94.1	97.4	71.8	98.8	96.6	96.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.3	99.0	89.6	88.6	92.5	95.1	97.2	98.7	97.5	97.9	98.2	99.0	98.9	99.2	96.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.0	97.3	96.1	92.8	91.4	96.1	93.8	92.8	89.4	87.2	86.3	92.5	94.9	94.9	90.4	90.2

TM30

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

Beam Angle



VERS-05-DW-2.5HE-55-DRY-50D

5658 K

CRI: 97.0

CRI R9: 95.1

TM30 Rf: 91.7

TM30 Rg: 98.7

CQS: 94.4

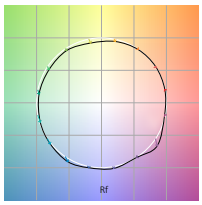
X: 0.329

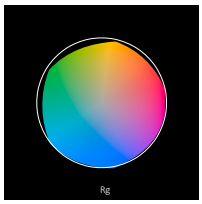
Y: 0.342

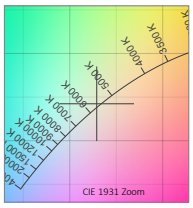
U: 0.204

V: 0.318

Δuv: -0.0011





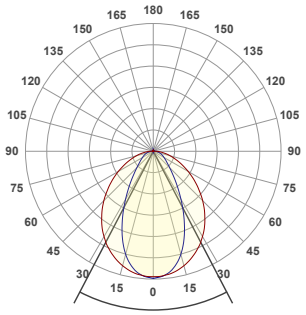


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.0	99.4	97.9	95.9	95.9	95.4	96.7	96.5	95.1	99.0	97.7	72.3	99.0	98.7	94.6
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.2	98.2	90.2	87.5	90.9	93.5	98.1	98.5	98.7	98.8	97.9	98.5	99.1	98.4	96.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
93.3	97.2	95.4	92.3	89.5	95.6	92.2	89.1	88.2	86.0	86.7	97.0	93.9	94.7	85.5	96.0

TM30

Hue Bin	R_f	Chroma	Hue
1	93	0%	1%
2	97	0%	0%
3	95	0%	-1%
4	92	-3%	-2%
5	89	-7%	-2%
6	96	-3%	0%
7	92	-4%	3%
8	89	-3%	6%
9	88	-2%	11%
10	86	1%	9%
11	87	4%	7%
12	97	2%	0%
13	94	3%	-2%
14	95	0%	-2%
15	85	8%	-8%
16	96	-1%	1%

Beam Angle



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Specification subject to change. Rev-06-21-23

VERS-OPTICS (05)

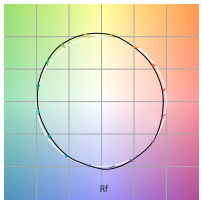
Linear Fixtures - Surface

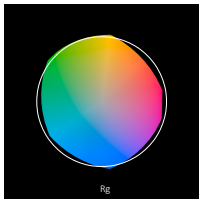
4.0W/FT DYNAMIC WHITE HIGH EFFICACY - 40D

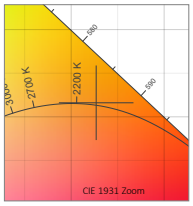
VERS-05-DW-4.0HE-20-DRY-40D

2018 K

CRI: 92.1
CRI R9: 57.8
TM30 Rf: 89.9
TM30 Rg: 101.0
CQS: 79.4
X: 0.527
Y: 0.416
U: 0.304
V: 0.360
Δuv: 0.0008





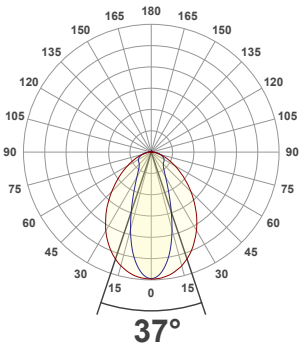


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92.7	95.6	95.6	93.6	91.9	96.4	91.2	79.9	57.8	87.9	95.8	87.3	93.5	95.7	87.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
74.8	84.0	81.9	81.3	78.7	75.5	77.2	81.3	87.0	84.1	81.0	82.0	82.5	75.9	75.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
89.5	89.3	88.8	90.4	91.8	90.0	88.7	90.0	90.7	92.6	92.1	89.9	90.8	74.9	87.4	88.5

TM30

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

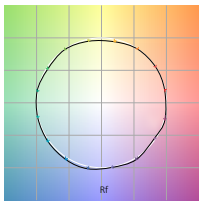
Beam Angle



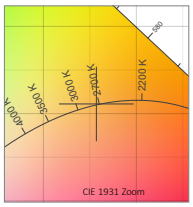
VERS-05-DW-4.0HE-27-DRY-40D

2747 K

CRI: 98.0
CRI R9: 93.7
TM30 Rf: 94.6
TM30 Rg: 99.9
CQS: 95.4
X: 0.457
Y: 0.411
U: 0.260
V: 0.351
Δuv: 0.0004





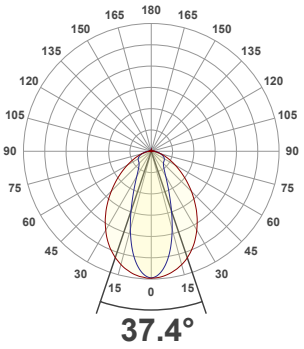


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.2	99.5	96.8	97.8	98.4	97.3	98.3	97.5	93.7	99.2	95.2	87.5	98.2	97.0	98.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.4	95.6	94.1	94.7	96.2	97.5	96.9	97.6	96.3	95.9	96.0	95.8	96.4	95.9	94.7
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.1	97.8	96.6	93.6	95.6	97.0	93.2	96.8	94.4	93.1	93.0	92.9	94.3	93.3	93.8	91.1

TM30

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

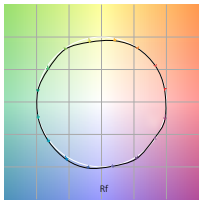
Beam Angle

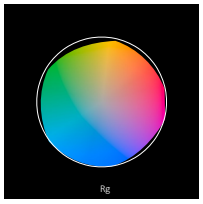


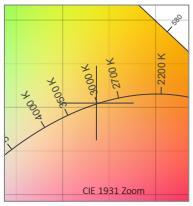
VERS-05-DW-4.0HE-30-DRY-40D

3021 K

CRI: 98.1
CRI R9: 93.7
TM30 Rf: 93.7
TM30 Rg: 99.1
CQS: 95.2
X: 0.436
Y: 0.405
U: 0.250
V: 0.348
Δuv: 0.0004





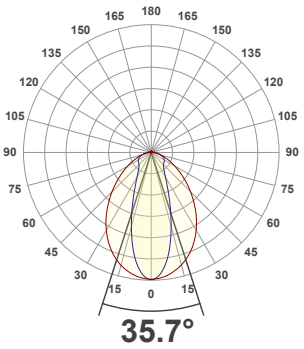


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.8	99.5	97.5	98.8	98.4	97.6	97.5	96.9	93.7	98.9	98.1	84.0	98.8	97.5	98.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.7	95.9	93.8	93.1	94.2	95.8	97.9	98.2	96.9	96.6	97.4	97.2	97.6	96.3	94.7
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.2	97.5	96.9	93.5	93.0	96.6	91.2	95.8	92.3	89.9	91.1	93.0	94.3	93.1	91.8	91.0

TM30

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

Beam Angle



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VERS-OPTICS (05)

Linear Fixtures - Surface

4.0W/FT DYNAMIC WHITE HIGH EFFICACY - 40D

VERS-05-DW-4.0HE-40-DRY-40D

4035 K

CRI: 96.9

CRI R9: 96.9

TM30 Rf: 92.6

TM30 Rg: 99.4

CQS: 95.0

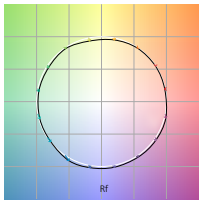
X: 0.381

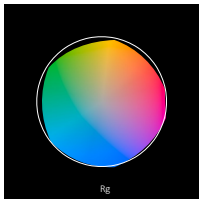
Y: 0.381

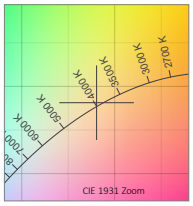
U: 0.223

V: 0.336

Δuv: 0.0021



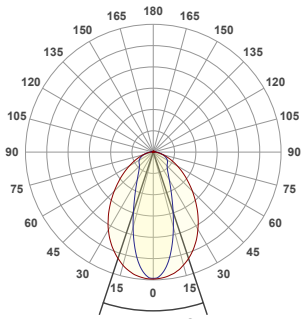




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.0	97.3	94.4	97.5	95.9	94.2	99.1	98.5	96.9	92.0	96.8	72.0	97.7	96.4	96.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
94.1	99.0	89.6	89.0	93.0	95.1	96.9	98.5	97.6	97.5	97.7	98.4	98.6	99.5	97.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.2	97.3	96.0	93.2	91.9	96.3	94.4	93.4	90.2	87.7	86.4	92.1	95.0	94.7	90.4	90.1

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	0%
2	97	0%	-1%
3	96	-1%	0%
4	93	-3%	-1%
5	92	-5%	0%
6	96	-2%	1%
7	94	-3%	2%
8	93	-2%	3%
9	90	-2%	7%
10	88	-1%	8%
11	86	3%	9%
12	92	3%	3%
13	95	3%	-1%
14	95	2%	0%
15	90	3%	-4%
16	90	2%	-5%

Beam Angle



36.7°

VERS-05-DW-4.0HE-55-DRY-40D

5643 K

CRI: 97.2

CRI R9: 98.5

TM30 Rf: 92.4

TM30 Rg: 99.2

CQS: 94.4

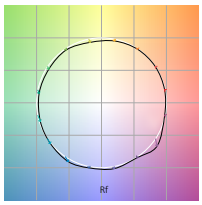
X: 0.329

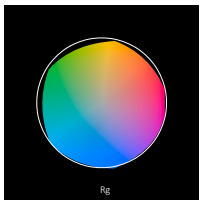
Y: 0.343

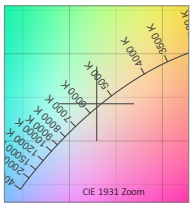
U: 0.204

V: 0.319

Δuv: -0.0011



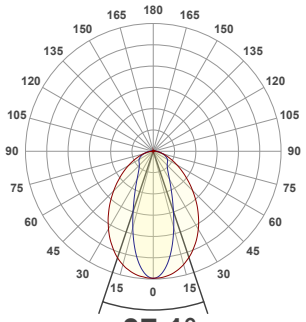




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.1	99.4	97.0	96.6	96.1	94.9	97.8	97.6	98.5	96.9	97.3	73.5	99.4	98.2	95.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.6	99.0	89.4	87.4	91.4	94.1	97.6	98.3	98.3	97.8	96.9	97.7	98.6	98.7	97.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.0	97.3	95.6	93.2	91.3	96.4	93.5	90.7	89.3	86.6	86.4	96.7	94.3	94.8	85.8	96.5

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

Beam Angle



37.1°

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VERS-OPTICS (05)

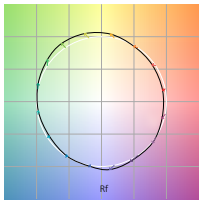
Linear Fixtures - Surface

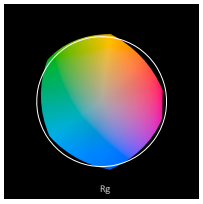
4.0W/FT DYNAMIC WHITE HIGH EFFICACY - 50D

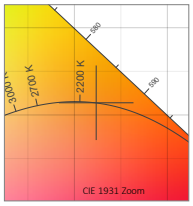
VERS-05-DW-4.0HE-20-DRY-50D

2033 K

CRI: 93.0
CRI R9: 61.4
TM30 Rf: 89.7
TM30 Rg: 102.5
CQS: 80.1
X: 0.523
Y: 0.414
U: 0.303
V: 0.359
Δuv: 0.0002



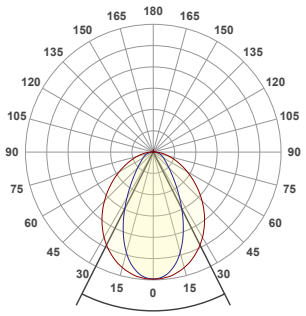




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.9	96.4	95.7	94.5	93.3	97.3	91.5	81.5	61.4	89.6	96.6	89.5	94.8	95.7	88.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
75.3	84.5	82.0	82.6	80.1	75.9	75.7	79.9	87.2	84.0	84.8	84.7	84.4	78.6	77.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
90.2	89.4	88.5	89.6	90.8	88.8	87.1	89.1	90.8	93.5	92.3	90.0	90.5	75.2	87.2	88.6

TM30			
Hue Bin	R_f	Chroma	Hue
1	90	-4%	-1%
2	89	-4%	4%
3	89	-1%	6%
4	90	5%	6%
5	91	8%	5%
6	89	9%	1%
7	87	5%	-7%
8	89	1%	-8%
9	91	-2%	-5%
10	93	-4%	0%
11	92	-1%	3%
12	90	1%	3%
13	91	5%	-8%
14	75	1%	-14%
15	87	1%	-9%
16	89	-4%	-7%

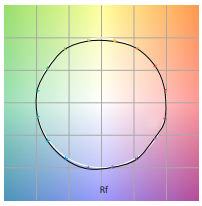
Beam Angle

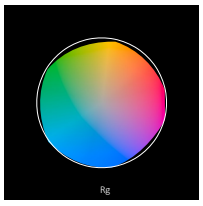


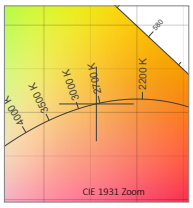
VERS-05-DW-4.0HE-27-DRY-50D

2745 K

CRI: 97.8
CRI R9: 94.2
TM30 Rf: 94.8
TM30 Rg: 100.2
CQS: 95.5
X: 0.456
Y: 0.410
U: 0.261
V: 0.351
Δuv: -0.0002



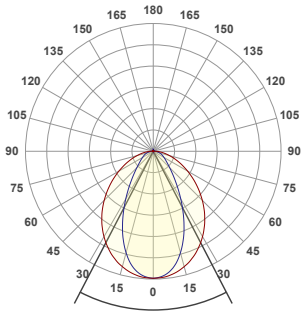




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.9	99.1	97.2	97.7	98.1	96.8	98.1	97.6	94.2	99.9	95.0	87.8	97.9	97.2	98.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.7	95.7	94.1	94.7	96.2	97.7	96.5	97.6	97.0	97.2	96.8	96.3	96.7	95.7	94.7
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.2	97.9	96.7	94.0	95.9	97.1	93.5	97.1	94.7	93.4	93.2	92.9	94.3	93.4	93.9	91.2

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

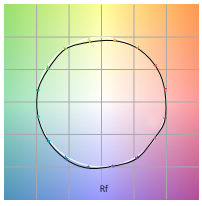
Beam Angle

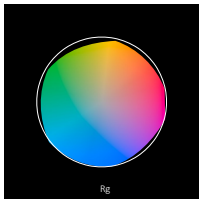


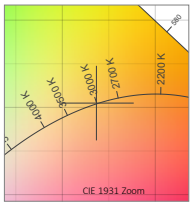
VERS-05-DW-4.0HE-30-DRY-50D

3014 K

CRI: 98.1
CRI R9: 94.2
TM30 Rf: 93.6
TM30 Rg: 99.2
CQS: 95.2
X: 0.437
Y: 0.405
U: 0.250
V: 0.348
Δuv: 0.0004



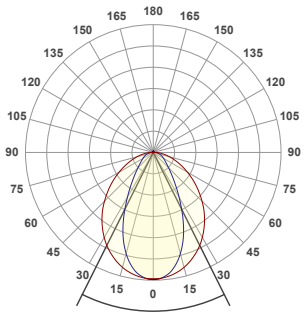




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.7	99.5	97.5	98.8	98.4	97.6	97.6	97.1	94.2	98.9	98.1	84.0	98.8	97.5	98.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.7	95.9	93.7	93.0	94.2	95.8	97.8	98.1	96.9	96.7	97.5	97.3	97.5	96.4	94.7
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.2	97.5	96.9	93.5	93.0	96.7	91.2	95.9	92.3	90.1	91.0	93.0	94.4	93.1	91.8	91.0

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

Beam Angle



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VERS-OPTICS (05)

Linear Fixtures - Surface

4.0W/FT DYNAMIC WHITE HIGH EFFICACY - 50D

VERS-05-DW-4.0HE-40-DRY-50D

4020 K

CRI: 96.8

CRI R9: 96.2

TM30 Rf: 92.5

TM30 Rg: 99.3

CQS: 95.0

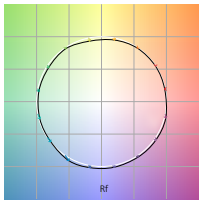
X: 0.381

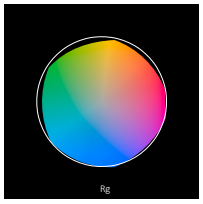
Y: 0.382

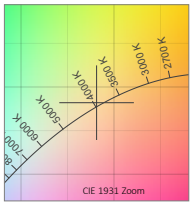
U: 0.224

V: 0.336

Δuv: 0.0022



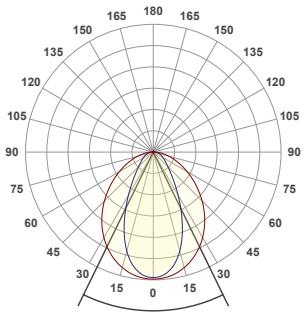




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.9	97.3	94.6	97.3	95.8	94.3	99.1	98.3	96.2	92.0	96.8	72.0	97.6	96.5	96.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.9	99.0	89.7	89.0	92.9	95.0	97.0	98.5	97.7	97.5	97.8	98.3	98.6	99.4	97.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.0	97.2	96.0	93.1	91.8	96.3	94.2	93.2	90.0	87.6	86.5	92.3	94.9	94.6	90.3	90.1

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	0%
2	97	0%	-1%
3	96	-1%	0%
4	93	-3%	-1%
5	92	-5%	0%
6	96	-2%	1%
7	94	-3%	2%
8	93	-2%	3%
9	90	-2%	7%
10	88	-1%	8%
11	86	4%	9%
12	92	3%	3%
13	95	3%	-1%
14	95	2%	-1%
15	90	2%	-4%
16	90	2%	-5%

Beam Angle



52.1°

VERS-05-DW-4.0HE-55-DRY-50D

5645 K

CRI: 97.3

CRI R9: 97.9

TM30 Rf: 92.4

TM30 Rg: 99.3

CQS: 94.5

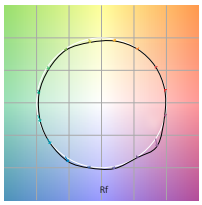
X: 0.329

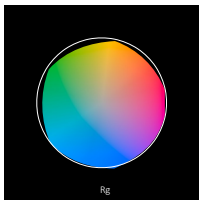
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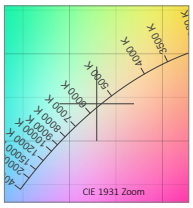
U: 0.204

V: 0.319

Δuv: -0.0010



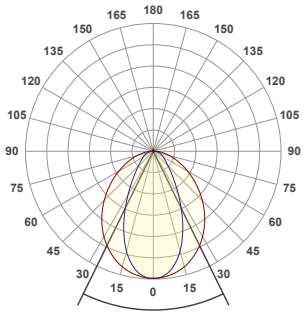




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.2	99.4	96.9	96.9	96.3	95.0	97.9	97.6	97.9	97.1	97.5	73.4	99.4	98.2	95.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.6	99.0	89.5	87.6	91.6	94.4	97.7	98.4	98.2	97.9	97.1	98.0	98.8	98.7	97.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.0	97.4	95.6	93.2	91.3	96.4	93.6	90.7	89.3	86.7	86.5	96.7	94.4	94.9	85.8	96.6

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

Beam Angle



52.3°

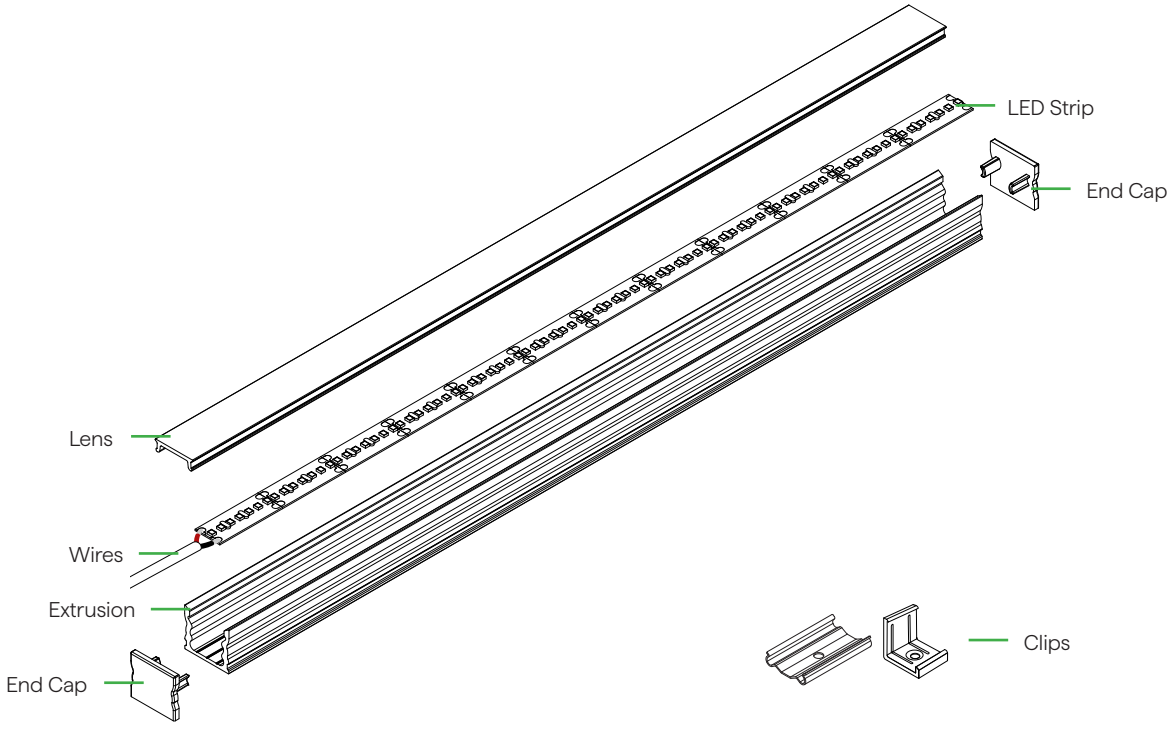
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MATERIAL RECYCLING

LINEAR FIXTURES/EXTRUSIONS

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

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



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

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