ESSENTIALS WIDE-FLAT (01) FOR TUNABLE APPLICATIONS

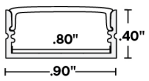
24VDC Linear Fixtures - Surface

410.2 & 410.16 Closet Rated in 1.5HE

BUY AMERICAN ACT COMPLIANT

BUILD AMERICA, BUY AMERICA COMPLIANT





- Wide, low-profile fixture for surface mount applications
- Choose from diffused, polar, or frosted lens options for varying diode visibility and beam angles
- Mounting options include stainless steel or plastic clip
- Features painted end caps to match extrusion finish
- Side, back, and end feed wiring configurations available
- Suitable for installation in the storage area of a clothes closet when specified with LEDs at 4.0 watts or less per foot per NEC regulations
- Can be suitable for exterior use when specified as wet, contact factory for more information
- Used in applications where CCT and brightness need to be controlled separately
- When using DALI and DMX power supplies, LED wattage must be doubled

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

1 PRODUCT	2 WATTS/ FT	3 CCT	4 RATED	5 EFFICIENCY	6 LENS
				STD	

ADDITIONAL INFORMATION REQUIRED TO ORDER

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

Sample Part Number: **WE1DW-2.5HE-20/30-DRY-STD-DF-P1-BW-BW-BK-CL2-SST-BK-48"-E**

1 PRODUCT

WE1DW
WE1DW-USA

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

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

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
WET	IP67

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

5 EFFICIENCY

STD	Standard

6 LENS

DF	Diffused
PR	Polar
FR	Frosted

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

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

For continuous mounting, consider bottom or side feed

8 CONNECTOR/WIRE IN

BW	Bare Wire (Standard 24")
CON6	Connector 6"
CON24	Connector 24"

BW	Bare Wire (Standard 24")
CON6	Connector 6"
CON24	Connector 24"

BW: Standard length is 24", 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 24")
CON6	Connector 6"
CON24	Connector 24"

BW: Standard length is 24", 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

SST	Stainless Steel
PL	Plastic Clip

13 FINISH

ST	Satin
BK	Black
BZ	Bronze
CU	Custom

Custom finishes require a longer lead time, consult factory

14 LENGTH (IN)

Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12".

15 EXACT/OPTIMAL

O	Optimal Illumination
E	Exact Specified Length

Exact fixtures match the exact length you specify, but they may have dim spots at the ends. Optimal fixtures are slightly shorter than the length specified, but provide full illumination from end to end. See Exact/Optimal Fixture Length charts.

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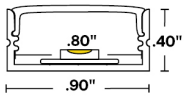
Specification subject to change. Rev-05-07-26

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

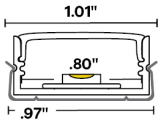
ESSENTIALS WIDE-FLAT (01) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface

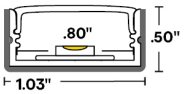
1 PRODUCT - DIMENSIONS



Profile with flat lens



Profile with stainless steel mounting clip



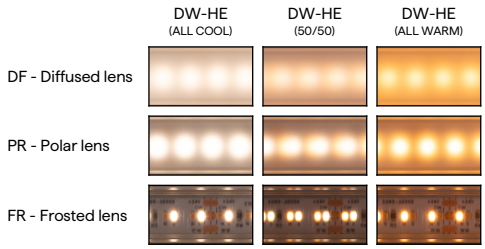
Profile with plastic mounting clip

2 DELIVERED LUMENS

[Calculated L70 = 70000 hrs]
Tested with WE1DW-**-30-DRY-STD

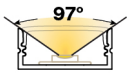
	1.5HE W/FT		2.5HE W/FT		4.0HE W/FT	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
FR	155	98	245	98	381	98
PR	150	98	236	98	367	98
DF	136	98	214	98	334	98

6 DIODE VISIBILITY



PHOTOMETRIC PERFORMANCE

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



97°

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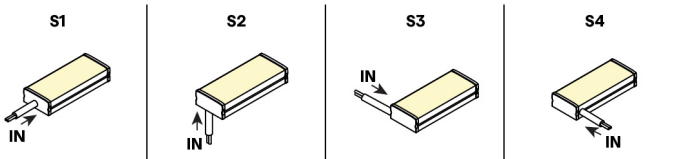
Specification subject to change. Rev-05-07-26

ESSENTIALS WIDE-FLAT (01) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface

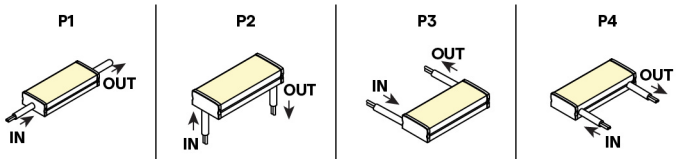
7 WIRE INPUT/OUTPUT

SINGLE (Input only)



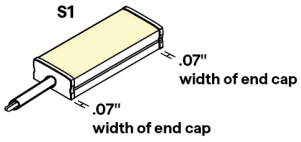
End Feed | Bottom Feed | Side Feed - Left | Side Feed - Right

PASS THROUGH (Input/Output)

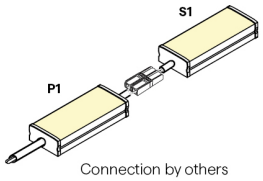


End Feed | Bottom Feed | Side Feed - Left | Side Feed - Right

CONFIGURATION OPTIONS

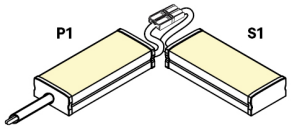


Single End Feed



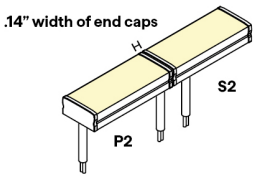
Connection by others

Non-Continuous End Feed

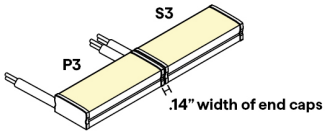


Connection by others

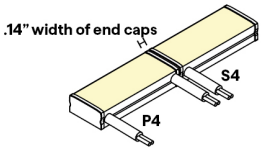
Non-Continuous Corner Feed



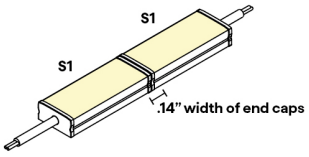
Continuous Bottom Feed



Continuous Side Feed - Left



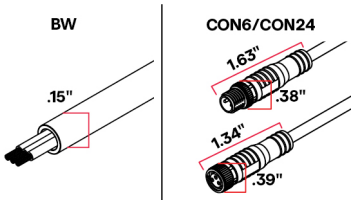
Continuous Side Feed - Right



Continuous End to End Feed

8/9 CONNECTOR/WIRE – IN/OUT

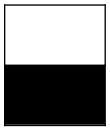
Connector/Wire In or Out not needed to specify product. Standard configuration is BW for Wire In and CLS for Wire out



Bare Wire 24"
22 AWG

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

10 WIRE COLOR



White

Black

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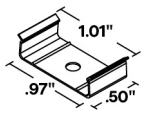
Specification subject to change. Rev-05-07-26

ESSENTIALS WIDE-FLAT (01) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface

12 MOUNTING

SST



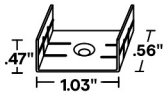
Stainless Steel Clip

2 clips provided for 4' or less; 4 clips provided for greater than 4'

To order separately use SST-09

Each clip comes with a #4 x 5/8" Flat Head SS

PL



Plastic Clip

Black clip standard with black extrusion

2 clips provided for 4' or less; 4 clips provided for greater than 4'

To order separately use PLC-03

Each clip comes with a #4 x 5/8" Flat Head SS

13 FINISH



Satin

Black

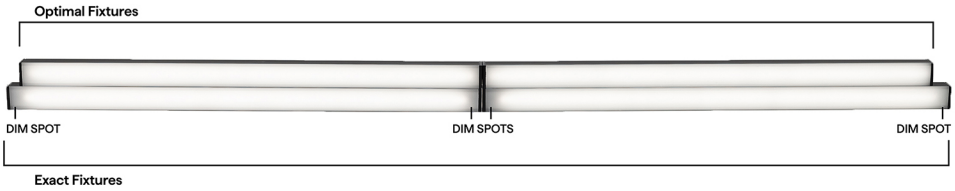
Bronze

Custom finishes require a longer lead time, consult factory

14 EXACT/OPTIMAL FIXTURE LENGTH

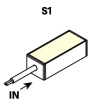
E/O Length Calculator → E/O Explained →

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

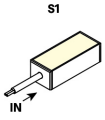
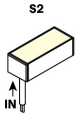
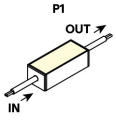
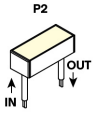
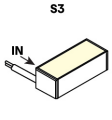
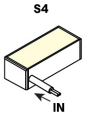
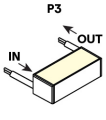
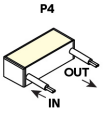


DW-HE DRY DMP LENGTHS BY INCH

EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture
	 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"	10.51"		10.86"		10.41"		10.51"	
13"	12.51"		12.86"		12.41"		12.51"	
14"	12.51"		12.86"		12.41"		12.51"	
15"	14.51"		14.86"		14.41"		14.51"	
16"	14.51"		14.86"		14.41"		14.51"	
17"	16.51"		16.86"		16.41"		16.51"	
18"	16.51"		16.86"		16.41"		16.51"	
19"	18.51"		18.86"		18.41"		18.51"	
20"	18.51"		18.86"		18.41"		18.51"	
21"	20.51"		20.86"		20.41"		20.51"	
22"	20.51"		20.86"		20.41"		20.51"	
23"	22.51"		22.86"		22.41"		22.51"	
24"	22.51"		22.86"		22.41"		22.51"	
36"	34.51"		34.86"		34.41"		34.51"	
48"	46.51"		46.86"		46.41"		46.51"	
60"	58.51"		58.86"		58.41"		58.51"	
72"	70.51"		70.86"		70.41"		70.51"	
84"	82.51"		82.86"		82.41"		82.51"	
96"	94.51"		94.86"		94.41"		94.51"	

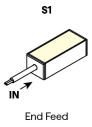
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ESSENTIALS WIDE-FLAT (01) FOR TUNABLE APPLICATIONS

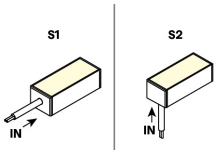
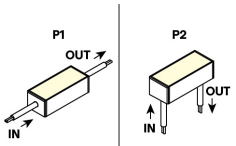
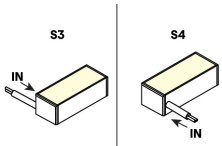
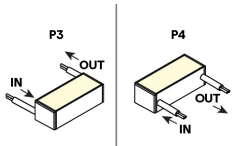
24VDC Linear Fixtures - Surface

DW-HE WET LENGTHS BY INCH

EXACT LENGTH

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

OPTIMAL LENGTH

Requested Nominal Length	S1 & S2 		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"	10.66"		11.06"		10.56"		10.76"	
13"	12.66"		11.06"		12.56"		12.76"	
14"	12.66"		13.06"		12.56"		12.76"	
15"	14.66"		13.06"		14.56"		14.76"	
16"	14.66"		15.06"		14.56"		14.76"	
17"	16.66"		15.06"		16.56"		16.76"	
18"	16.66"		17.06"		16.56"		16.76"	
19"	18.66"		17.06"		18.56"		18.76"	
20"	18.66"		19.06"		18.56"		18.76"	
21"	20.66"		19.06"		20.56"		20.76"	
22"	20.66"		21.06"		20.56"		20.76"	
23"	22.66"		21.06"		22.56"		22.76"	
24"	22.66"		23.06"		22.56"		22.76"	
36"	34.66"		35.06"		34.56"		34.76"	
48"	46.66"		47.06"		46.56"		46.76"	
60"	58.66"		59.06"		58.56"		58.76"	
72"	70.66"		71.06"		70.56"		70.76"	
84"	82.66"		83.06"		82.56"		82.76"	
96"	94.66"		95.06"		94.56"		94.76"	

COMPATIBLE POWER SUPPLIES

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

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

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ESSENTIALS WIDE-FLAT (01) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface

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

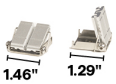
COMPATIBLE MOUNTING ACCESSORIES

HINGE - HMB-M



Adjustable mounting bracket - Medium

HINGE - HMB-L



Adjustable mounting bracket - Large

HINGE - HMB-XL



Adjustable mounting bracket - XLarge

Q-PIVOT



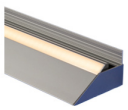
Small mounting accessory

Q-ANGLE



Adjustable mounting accessory

QUOVA-STANDARD



QUOVA Knife Edge

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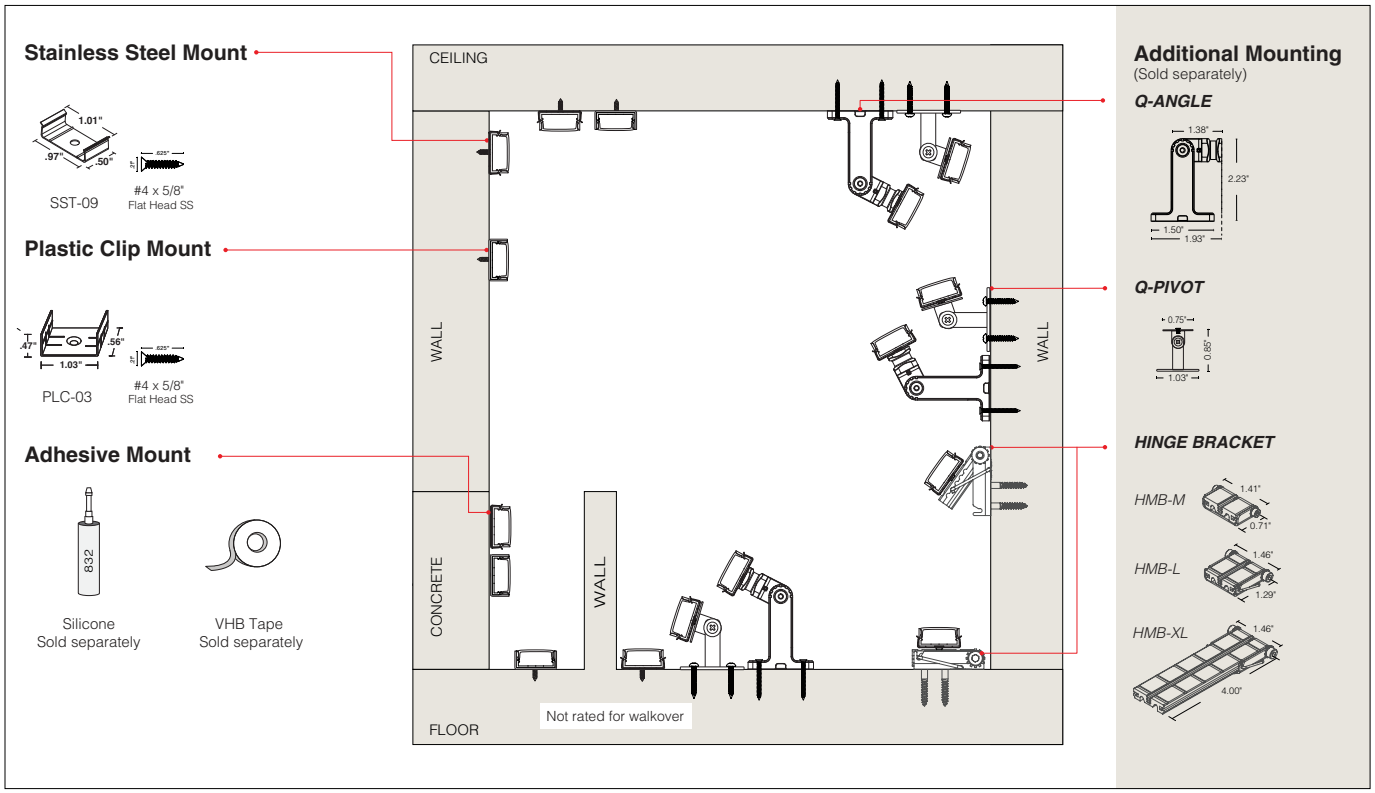
ESSENTIALS WIDE

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:



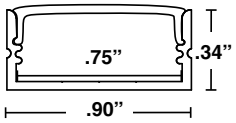
SURFACE MOUNTING METHOD

- VHB Mount (page 4-5)
- Silicone Mount (page 6)
- Screw Mount (page 7)

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ESSENTIALS WIDE

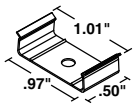
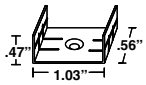
Linear Fixture Installation Instructions



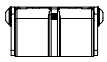
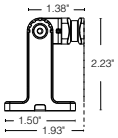
WIDE-FLAT (01)

COMPONENTS & HARDWARE

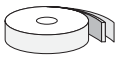
Alternate screw lengths can be used in installation as long as the screw diameter size is consistent with the included screw diameter size

STAINLESS STEEL CLIP	PLASTIC CLIP
 SST-09	 PLC-03
Included: Flat Head Screw #4x5/8”	Included: Flat Head Screw #4x5/8”
• 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’

ACCESSORIES SOLD SEPARATELY

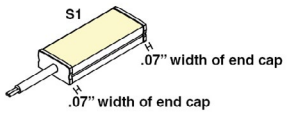
HINGE BRACKET; sold individually	Q-ANGLE; sold in pairs	Q-PIVOT; sold in pairs
 Image shows HMB-M HMB-S HMB-M HMB-L HMB-XL	 Q-ANGLE	 Q-PIVOT
Included: • 3/4” long mount screw • 1/4” #4 clip mount screw	Included: • 4 SS #6x1.25” Flat head wood screws • 2 SS 4-40 Flat head clip screws • 2 SS 6-32 Fillister screws	Included: • SS #4-40x3/16 Flat head screws • 2 #4x3/4 Pan Head screws

ADHESIVE SOLD SEPARATELY

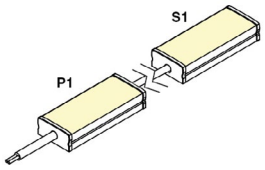
SILICONE	VHB TAPE; sold in 15’ increments
 DOWSIL 832	 TAPE-VHB-IP20

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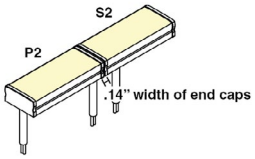
CONTINUOUS WIRING CONFIGURATION OPTIONS



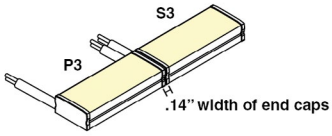
Single End Feed



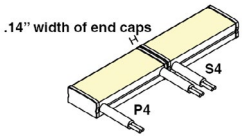
Non-Continuous End Feed



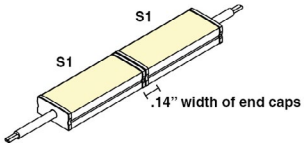
Continuous Bottom Feed



Continuous Side Feed - Left



Continuous Side Feed - Right



Continuous End to End Feed

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

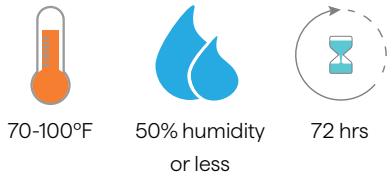
NOTE: Additional wire methods include:
S1, S2, S3, S4: Connector/Wire Input only
P1, P2, P3, P4: Connector/Wire Input and Output

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SURFACE MOUNTING METHOD

SURFACE PREPARATION

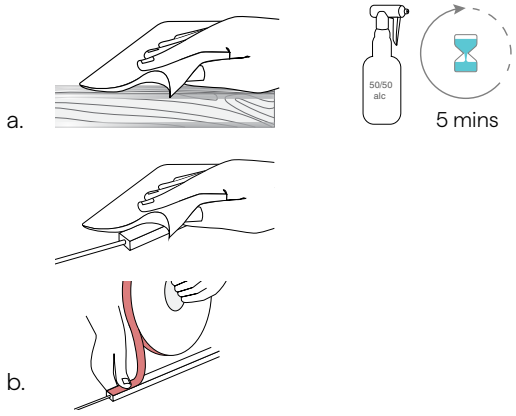
1



Temperature and environmental concerns:

- Ideal application environment is 70-100°F in 50% humidity or less.
- Minimum application temperature: 50°F
- This temperature and humidity should be maintained for 72 hours after application for maximum bond strength.

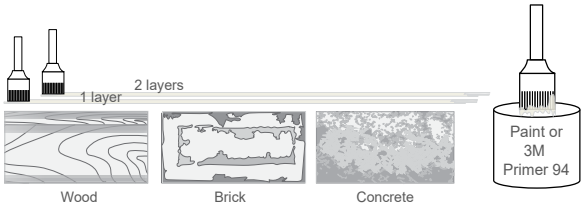
2



a. Using a 50/50 alcohol mix, thoroughly clean the backside of the fixture and the surface area where fixture will be installed. Allow 5 minutes to dry.

b. Peel back 0.5" of the VHB tape's protective film on one end and use firm pressure to adhere it to the desired surface, avoiding air bubbles. Continue peeling the film and adhering the tape in small sections until the entire length is installed.

3



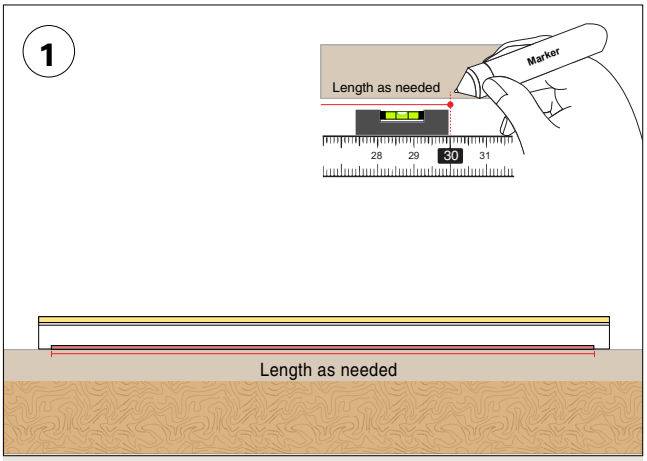
For porous materials (Wood, Brick, Concrete etc.) apply two layers of paint or primer to the surface. This will help create a better bonding surface for these materials. These can be purchased from a local hardware store.

MATERIALS	SUGGESTED EPOXIES
Concrete, Stone, Cinderblock, Metal, and Brick	Loctite Metal and Concrete Two-Part Epoxy
ABS, Fiberglass, Plastic, and PVC	Loctite Plastic Two-Part Epoxy
Tile, Wood, Ceramic, Glass, or Metal	Loctite Clear Two-Part Epoxy
All Purpose	Strong Stik

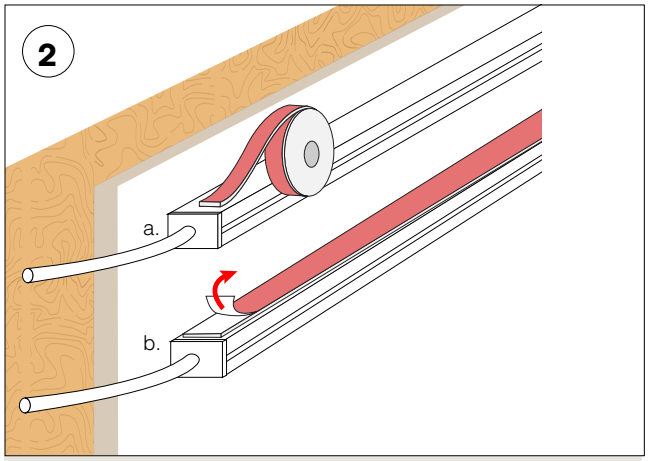
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SURFACE MOUNTING METHOD: **VHB ADHESIVE MOUNT**

BEFORE installation, the surface must be thoroughly cleaned and dried for maximum bond strength.

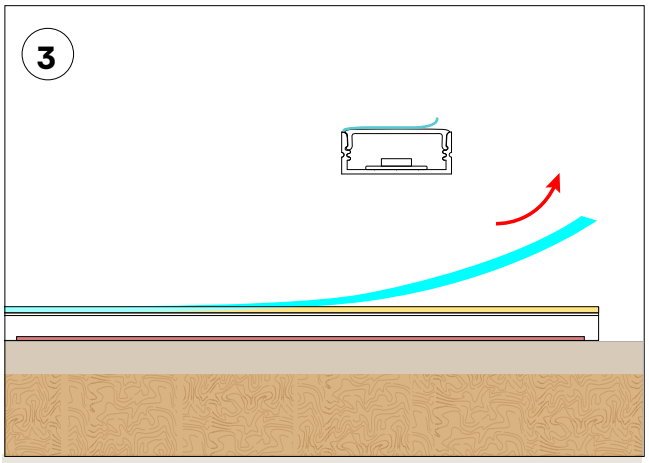


Determine the WIDE extrusion(s) location and positioning on desired surface before adhering extrusion to surface. Make any necessary reference markings to indicate extrusion placement.



a. To adhere the VHB adhesive, peel the white film back while evenly applying the tape to the mounting side of the extrusion. The red side should be visible.

b. Remove the red film and position extrusion in place according to your previous reference marking(s).



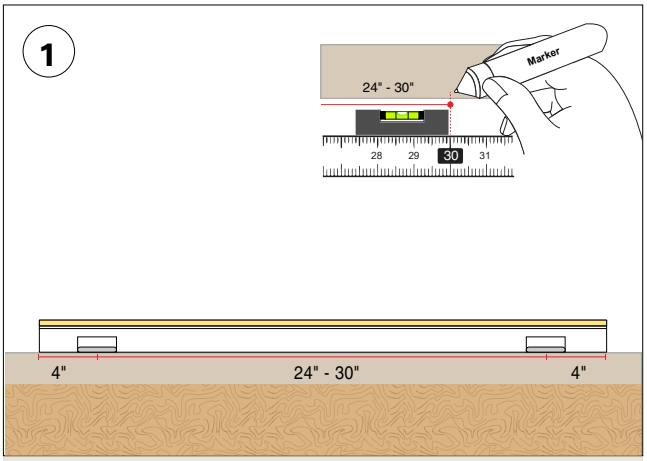
Remove protective film from the surface of the extrusion's lens.

NOTES: *EPOXY ALTERNATIVE: For improved bonding strength, apply a small amount of epoxy at each end. Refer to table on* page 4 *for suggested epoxies. These can be purchased at a local hardware store. Please follow all manufacturer instructions for suggested epoxy.*

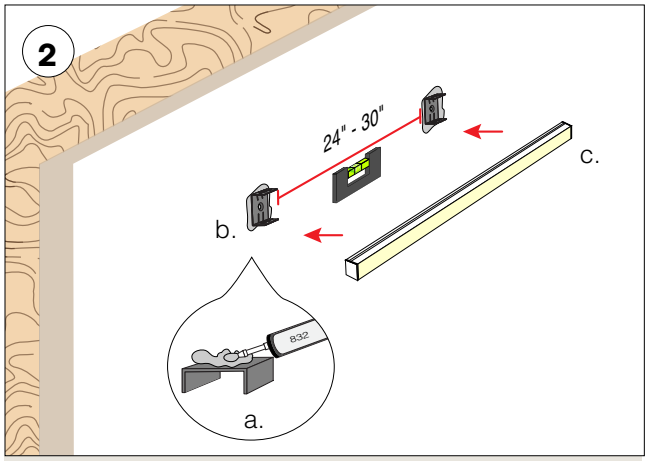
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SURFACE MOUNTING METHOD: **SILICONE**

- 2 clips provided for 4' or less; 4 clips provided for greater than 4'



Determine the WIDE extrusion(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".

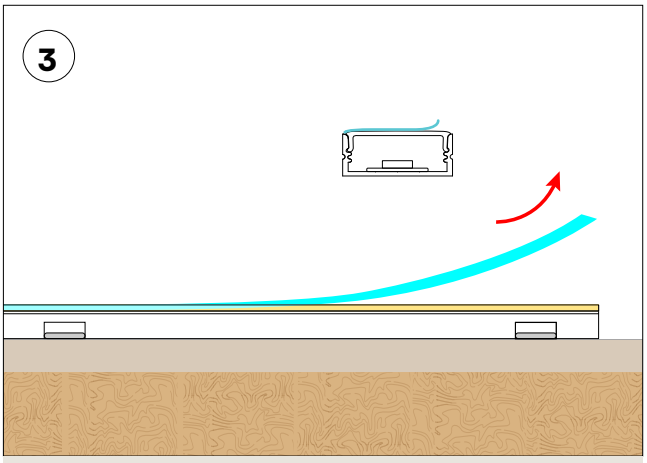


a. Firmly press the silicone-coated clips on the marked reference points.

b. Wait for silicone adhesive to cure completely before snapping extrusion into place.

c. Snap extrusion onto clips.

NOTE: Cure time is dependent on the type of silicone adhesive used. Refer to silicone product manufacturer for accurate drying time.

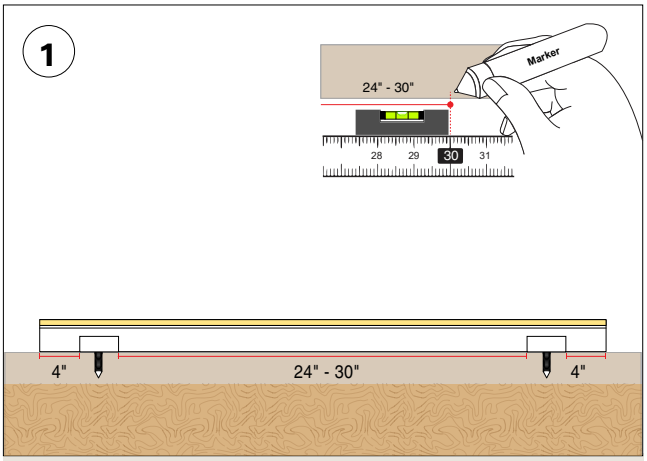


Remove protective film from the surface of the extrusion's lens.

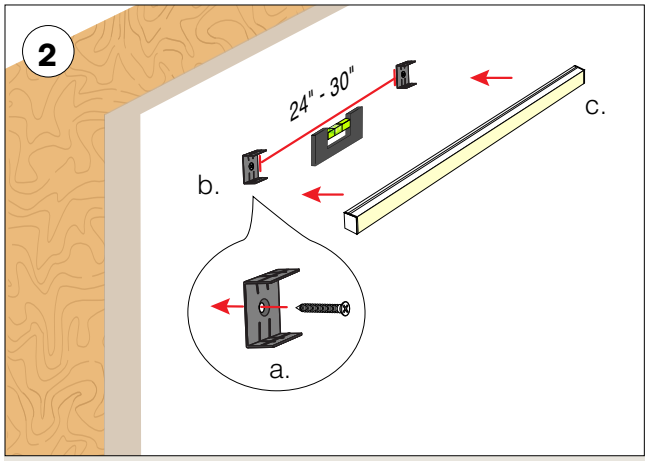
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SURFACE MOUNTING METHOD: **SCREW MOUNT**

- 2 clips provided for 4' or less; 4 clips provided for greater than 4'



Determine the WIDE extrusion(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".

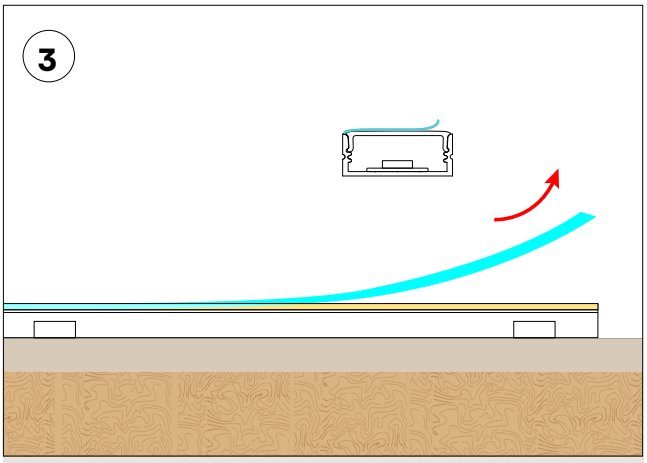


a. Secure clips using the #4 flat head hardware provided.

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

c. Snap extrusion onto clips.

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 extrusion's lens.

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ESSENTIALS WIDE-FLAT-DW-HE(01)

Linear Fixtures Color Data

WE1DW-4.0HE-20-DRY-STD-FR

2018 K

CRI: 91.9

CRI R9: 56.7

TM30 Rf: 89.1

TM30 Rg: 102.0

CQS: 79.2

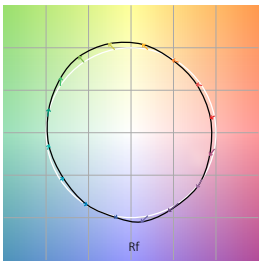
X: 0.525

Y: 0.414

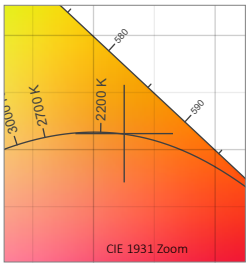
U: 0.304

V: 0.359

Δuv: 0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92.5	95.8	96.2	92.9	91.7	96.7	90.4	79.0	56.7	88.5	95.0	88.1	93.5	96.0	87.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
74.1	83.8	81.1	81.4	79.3	75.3	75.2	78.9	86.6	83.4	83.8	83.6	83.2	76.9	75.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
89.2	88.3	87.2	89.2	90.8	88.9	86.9	89.1	90.8	92.8	91.4	89.3	90.1	73.8	86.3	87.6

TM30			
Hue Bin	R_f	Chroma	Hue
1	89	-5%	-1%
2	88	-4%	4%
3	87	-2%	7%
4	89	5%	7%
5	91	8%	5%
6	89	8%	1%
7	87	5%	-8%
8	89	0%	-8%
9	91	-2%	-5%
10	93	-4%	0%
11	91	-1%	4%
12	89	1%	3%
13	90	5%	-9%
14	74	1%	-15%
15	86	0%	-10%
16	88	-4%	-8%

WE1DW-4.0HE-20-DRY-STD-PR

2030 K

CRI: 92.6

CRI R9: 60.2

TM30 Rf: 88.7

TM30 Rg: 103.6

CQS: 79.2

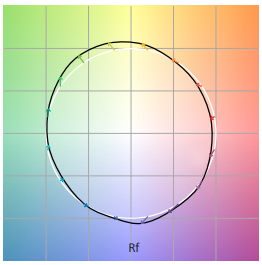
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Y: 0.412

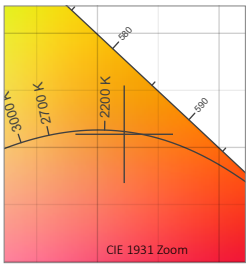
U: 0.303

V: 0.358

Δuv: -0.0007







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.6	96.5	96.2	93.6	92.9	97.2	90.7	80.5	60.2	89.7	95.5	89.3	94.6	96.0	88.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
74.5	84.2	80.7	81.8	80.5	75.5	73.2	77.2	86.3	83.0	82.9	82.4	82.4	79.0	76.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
89.8	88.1	86.2	88.0	89.5	87.3	85.0	88.0	90.7	93.4	91.1	88.8	89.8	74.1	85.9	87.5

TM30			
Hue Bin	R_f	Chroma	Hue
1	90	-5%	-1%
2	88	-4%	5%
3	86	-1%	8%
4	88	6%	7%
5	90	9%	5%
6	87	10%	1%
7	85	6%	-8%
8	88	1%	-9%
9	91	-2%	-5%
10	93	-4%	1%
11	91	0%	4%
12	89	2%	3%
13	90	6%	-8%
14	74	2%	-14%
15	86	1%	-10%
16	87	-3%	-8%

WE1DW-4.0HE-20-DRY-STD-DF

2021 K

CRI: 92.9

CRI R9: 60.6

TM30 Rf: 89.0

TM30 Rg: 103.3

CQS: 79.3

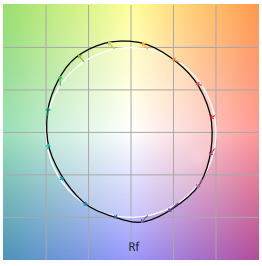
X: 0.524

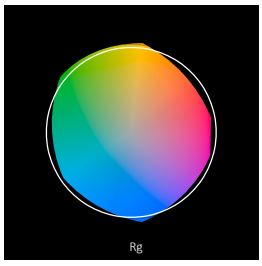
Y: 0.412

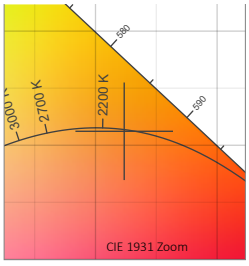
U: 0.304

V: 0.358

Δuv: -0.0005







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.8	96.6	96.1	94.1	93.2	97.4	90.9	80.8	60.6	90.0	96.1	89.9	94.8	96.0	88.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
74.4	83.9	81.1	82.1	80.0	75.1	73.8	77.9	86.3	83.2	83.5	83.0	82.9	78.7	76.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
89.9	88.5	87.2	88.4	89.8	87.7	85.4	88.1	90.5	93.5	91.8	89.4	89.9	74.1	86.3	87.9

TM30			
Hue Bin	R_f	Chroma	Hue
1	90	-5%	-1%
2	88	-4%	5%
3	87	-1%	7%
4	88	6%	7%
5	90	9%	5%
6	88	10%	1%
7	85	6%	-8%
8	88	1%	-9%
9	90	-2%	-5%
10	94	-4%	0%
11	92	0%	4%
12	89	2%	3%
13	90	6%	-8%
14	74	2%	-14%
15	86	1%	-10%
16	88	-4%	-8%

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

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Specification subject to change. Rev-02-02-26

ESSENTIALS WIDE-FLAT-DW-HE(01)

Linear Fixtures Color Data

WE1DW-4.0HE-30-DRY-STD-FR

3094 K

CRI: 98.4

CRI R9: 93.1

TM30 Rf: 95.0

TM30 Rg: 100.9

CQS: 95.7

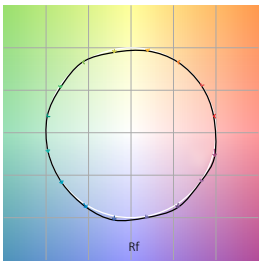
X: 0.431

Y: 0.402

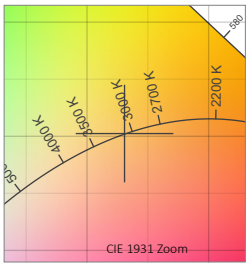
U: 0.247

V: 0.347

Δuv: 0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.2	99.3	95.9	98.7	99.3	97.8	99.0	97.7	93.1	96.6	96.5	84.5	99.5	96.7	98.6
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
94.6	97.1	92.2	93.3	96.6	97.2	95.6	97.5	97.1	97.0	97.9	97.9	97.9	96.7	96.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.7	98.2	96.9	96.2	94.3	97.4	94.6	98.3	95.5	92.5	91.7	92.7	95.6	93.2	93.2	90.4

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

WE1DW-4.0HE-30-DRY-STD-PR

3088 K

CRI: 98.4

CRI R9: 94.5

TM30 Rf: 95.1

TM30 Rg: 101.2

CQS: 95.8

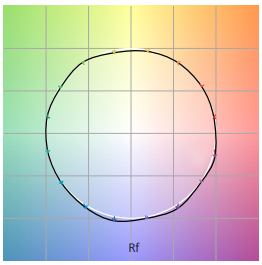
X: 0.431

Y: 0.401

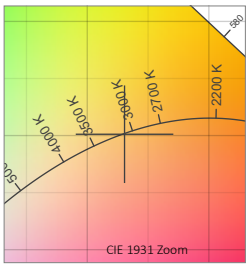
U: 0.248

V: 0.346

Δuv: -0.0003







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.9	99.6	95.9	98.4	99.4	97.8	99.0	98.2	94.5	97.2	96.2	85.1	99.2	96.7	98.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
94.9	97.2	92.1	93.4	96.8	96.9	95.3	97.4	97.1	96.9	97.9	98.1	98.0	96.8	96.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.9	98.3	97.0	96.5	94.4	97.2	94.7	98.3	95.8	93.0	91.9	92.7	95.6	93.2	93.4	90.5

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

WE1DW-4.0HE-30-DRY-STD-DF

3087 K

CRI: 98.4

CRI R9: 96.6

TM30 Rf: 95.3

TM30 Rg: 101.4

CQS: 95.9

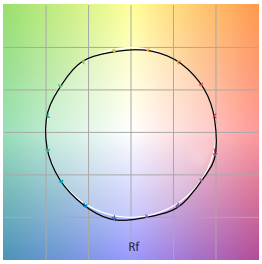
X: 0.431

Y: 0.401

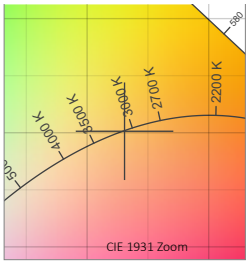
U: 0.248

V: 0.346

Δuv: -0.0003







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.3	99.7	95.8	97.7	99.1	97.8	99.5	99.2	96.6	97.7	95.3	85.3	98.7	96.7	98.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.1	97.3	92.4	93.9	97.3	96.6	95.4	97.7	97.0	97.2	98.3	97.6	97.6	97.0	96.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
97.1	98.2	97.1	96.6	94.5	97.0	94.5	98.0	96.0	93.4	92.2	92.9	95.9	93.6	93.5	90.8

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

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

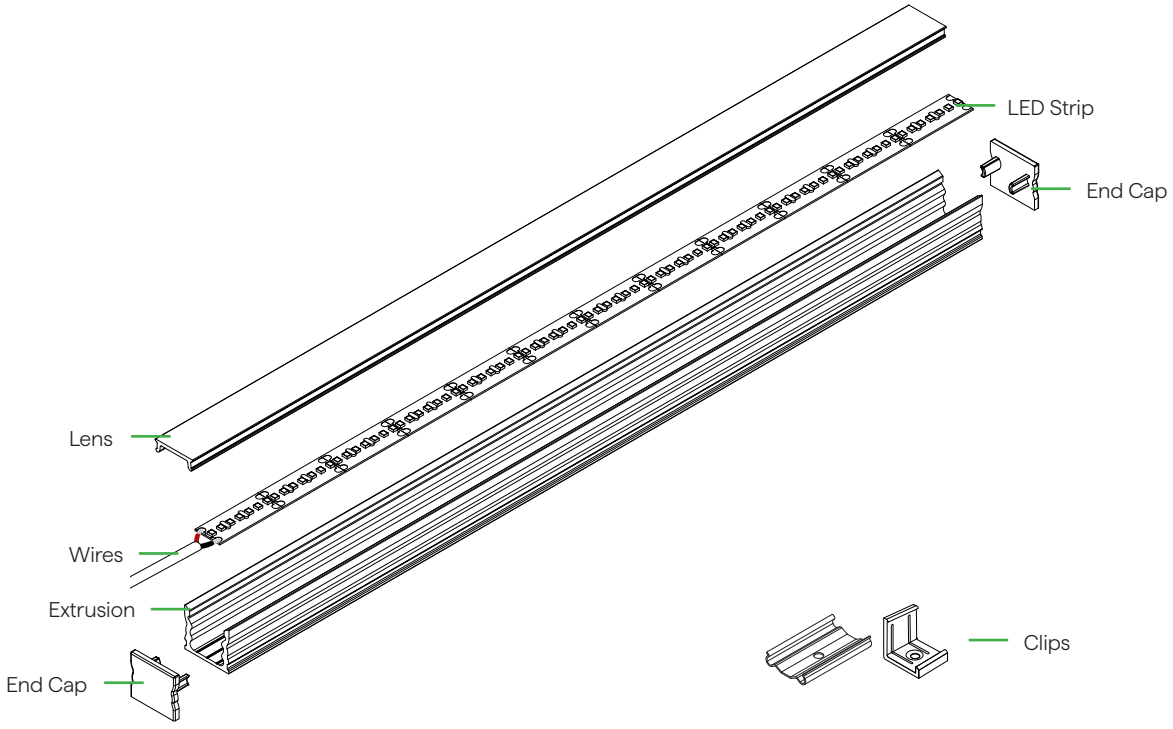
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MATERIAL RECYCLING

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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