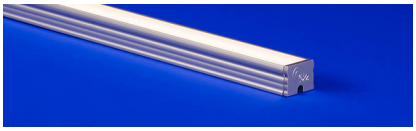
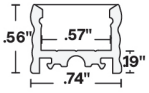
ESSENTIALS TALO-ENCAPSULATED (03) STATIC WHITE

24VDC Linear Fixtures - Surface





- Surface mount linear fixture
- Features high quality LED strips encapsulated in polyurethane in a rigid extrusion providing a robust fixture
- Encapsulation available in clear or translucent
- Suitable for indoor and outdoor locations (IK10)
- Features painted end caps to match extrusion finish or clear end caps to achieve seamless appearance of long runs
- 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

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

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

ADDITIONAL INFORMATION REQUIRED TO ORDER

7	8	9	10	11	12	13	14	15	16	17
WIRE INPUT/ OUTPUT	CONNECTOR / WIRE IN	CONNECTOR / WIRE OUT	INPUT END CAP	OUTPUT END CAP	WIRE COLOR	WIRE TYPE	MOUNTING	FINISH	LENGTH (IN)	EXACT/ OPTIMAL
			STD	STD			HSS			

Sample Part Number: **TO3SW-5.0-30-ENC-STD-TL-P1-BW-BW-STD-STD-BK-CL2-HSS-ST-48"-E**

1 PRODUCT

TO3SW
TO3SW-USA

Select USA option for BAA and BABA projects.

See following pages for compatible power supplies.

2 WATTS/FT

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

3 CCT

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

4 RATED

ENC IP67

5 EFFICIENCY

STD Standard

6 LENS

CL	Clear
TL	Translucent

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

PASS THROUGH (Input/output)

P1	End Feed
P2	Bottom Feed

For continuous mounting, consider bottom feed

8 CONNECTOR/WIRE IN

BW	Bare Wire (Standard 24")
BRL	Barrel
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")
BRL	Barrel
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 INPUT END CAP

STD Standard

STD - End cap matches fixture finish chosen

11 OUTPUT END CAP

STD Standard

STD - End cap matches fixture finish chosen

12 WIRE COLOR

WH	White
BK	Black
N/A	For Barrel

13 WIRE TYPE

CL2	Class 2
CL2P	Plenum Rated
N/A	For Barrel

CL2P only available with bare wire leads (BW)

14 MOUNTING

HSS Hidden Stainless Steel Clip

15 FINISH

ST	Satin
BK	Black
CU	Custom

Custom finishes require a longer lead time, consult factory

16 LENGTH (IN)

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

17 EXACT/OPTIMAL

O	Optimal Illumination
E	Exact Specified Length

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

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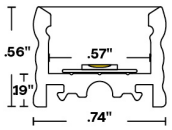
Specification subject to change. Rev-11-02-26

5 year warranty | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance | Compatible for use with QTL power supplies | Florida Fish and Wildlife Conservation Commission (FWC) rated Strips: Red and Amber | IK10 rated

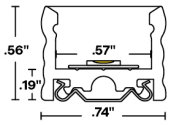
ESSENTIALS TALO-ENCAPSULATED (03) STATIC WHITE

24VDC Linear Fixtures - Surface

1 PRODUCT - DIMENSIONS



Profile



Profile with hidden stainless steel mounting clip

2 DELIVERED LUMENS

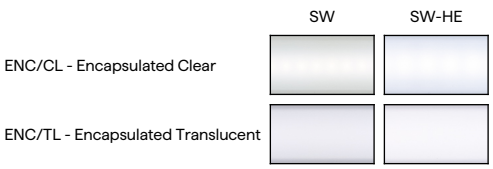
[Calculated L70 = 40000 hrs]
Tested with TO3SW-**-30-ENC-STD

	1.5 W/FT		1.5HE W/FT		3.0 W/FT		3.0HE W/FT		4.0 W/FT		5.0 W/FT		6.0HE W/FT	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
CL	106	98	143	98	186	98	261	98	231	98	281	98	495	98
TL	55	98	105	98	96	98	193	98	119	98	145	98	365	98

TEMPERATURE RATINGS

	1.5 W/FT		1.5 HE W/FT		3.0 W/FT		3.0 HE W/FT		4.0 W/FT		5.0 W/FT		6.0 HE W/FT	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
Ambient Operating Temp - Surface	-4°F	130°F	-4°F	135°F	-4°F	120°F	-4°F	125°F	-4°F	115°F	-4°F	105°F	-4°F	105°F

6 DIODE VISIBILITY



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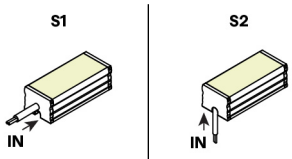
Specification subject to change. Rev-11-02-26

ESSENTIALS TALO-ENCAPSULATED (03) STATIC WHITE

24VDC Linear Fixtures - Surface

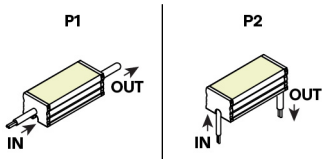
7 WIRE INPUT/OUTPUT

SINGLE (Input only)



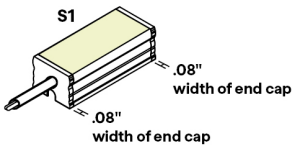
End Feed | Bottom Feed

PASS THROUGH (Input/Output)

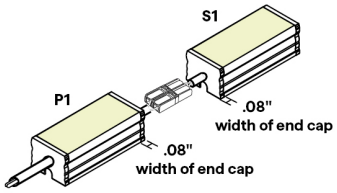


End Feed | Bottom Feed

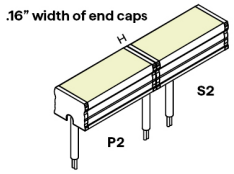
CONFIGURATION OPTIONS



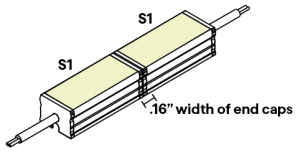
Single End Feed



Non-Continuous End Feed



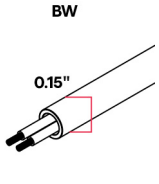
Continuous Bottom Feed



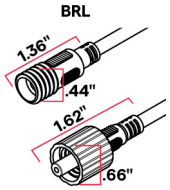
Continuous End to End Feed

8/9 CONNECTOR/WIRE – IN/OUT

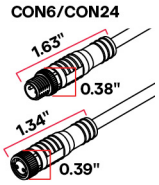
Connector/Wire In or Out not needed to specify product. Standard configuration is BW for Wire In and CLS for Wire out



Bare Wire 24"
22 AWG

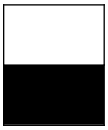


Barrel 6"- WET | 22 AWG



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

12 WIRE COLOR

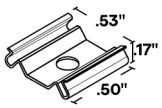


White

Black

14 MOUNTING

HSS



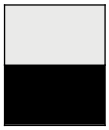
Hidden Stainless
Steel Clip

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

To order separately use
SST-02

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

15 FINISH



Satin

Black

Custom finishes require a longer lead time, consult factory

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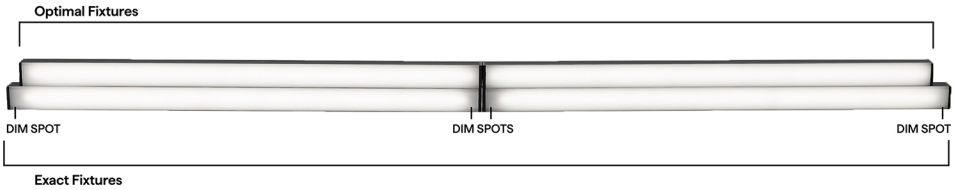
ESSENTIALS TALO-ENCAPSULATED (03) STATIC WHITE

24VDC Linear Fixtures - Surface

17 EXACT/OPTIMAL FIXTURE LENGTH

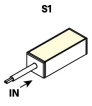
E/O Length Calculator → E/O Explained →

Exact fixtures are the exact length specified +0 -1/8". Optimal fixtures' length is rounded down based on LED cut points to allow the fixture to be illuminated end to end. For runs with multiple fixtures that need to fill a specific length, it's recommended to order all optimal fixtures with an exact fixture at the end of the run.

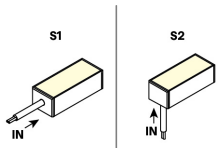
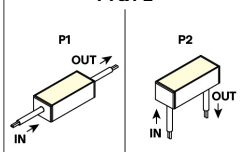


SW ENC LENGTHS BY INCH

EXACT LENGTH

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

OPTIMAL LENGTH

Requested Nominal Length	S1 & S2 	P1 & P2 
12"	11.41"	11.66"
13"	12.41"	12.66"
14"	13.41"	13.66"
15"	14.41"	14.66"
16"	15.41"	15.66"
17"	16.41"	16.66"
18"	17.41"	17.66"
19"	18.41"	18.66"
20"	19.41"	19.66"
21"	20.41"	20.66"
22"	21.41"	21.66"
23"	22.41"	22.66"
24"	23.41"	23.66"
36"	35.41"	35.66"
48"	47.41"	47.66"
60"	59.41"	59.66"
72"	71.41"	71.66"
84"	83.41"	83.66"
96"	95.41"	95.66"

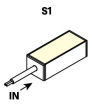
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ESSENTIALS TALO-ENCAPSULATED (03) STATIC WHITE

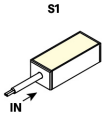
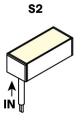
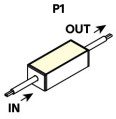
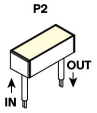
24VDC Linear Fixtures - Surface

SW-HE ENC 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	
	 End Feed	 Bottom Feed	 End Feed	 Bottom Feed
12"	10.41"		10.66"	
13"	12.41"		12.66"	
14"	12.41"		12.66"	
15"	14.41"		14.66"	
16"	14.41"		14.66"	
17"	16.41"		16.66"	
18"	16.41"		16.66"	
19"	18.41"		18.66"	
20"	18.41"		18.66"	
21"	20.41"		20.66"	
22"	20.41"		20.66"	
23"	22.41"		22.66"	
24"	22.41"		22.66"	
36"	34.41"		34.66"	
48"	46.41"		46.66"	
60"	58.41"		58.66"	
72"	70.41"		70.66"	
84"	82.41"		82.66"	
96"	94.41"		94.66"	

COMPATIBLE POWER SUPPLIES

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

DIM TO LEVEL	INDOOR		OUTDOOR	
	SW24/1.5-4.0	SW24/5.0, SW-HE, SW-HE+	SW24/1.5-4.0	SW24/5.0, SW-HE, SW-HE+
Dim to Black	Q6M-DC+CAP QTM-DC+CAP iQ-PH+QD1	Q6M-DC+CAP QTM-DC+CAP iQ-PH+QD1	QOM-DC+CAP QOM-PH	QOM-DC+CAP QOM-PH
0.1%	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-BOWTIE+DIMMER QZ-DMX QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-BOWTIE+DIMMER QZ-DMX QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP	Q-SET-QZ-DMX Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QOM-eLED+DALI-DT6 QOM-eLED+DALI-DT6-PS QZ-DMX QZ-PRO-PH/0-10V	Q-SET-QZ-DMX Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QOM-eLED+DALI-DT6 QOM-eLED+DALI-DT6-PS QZ-DMX QZ-PRO-PH/0-10V
1%	Q-DIM QTM-eLED(E) QZ-DALI-DT6	Q-DIM QTM-eLED(E) QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QZ-DALI-DT6
10%	Non-Dim Power Supply with SW App Dongle	Non-Dim Power Supply with SW App Dongle	Q-HEX-mini-DC Q-SET-mLED	

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ESSENTIALS TALO-ENCAPSULATED (03) STATIC WHITE

24VDC Linear Fixtures - Surface

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

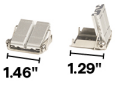
COMPATIBLE MOUNTING ACCESSORIES

HINGE - HMB-M



Adjustable mounting bracket - Medium

HINGE - HMB-L



Adjustable mounting bracket - Large

HINGE - HMB-XL



Adjustable mounting bracket - XLarge

Q-PIVOT



Small mounting accessory

Q-ANGLE



Adjustable mounting accessory

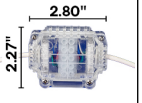
COMPATIBLE WIRING ACCESSORIES

Q-mini-J



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

Q-mini-J5



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

BARREL-EXT



8ft barrel cable extender DRY ONLY

BARREL FOUR-FER



Splits lead from one to four LED Barrel connector fixtures, DRY/DMP

CON120-EXT



10ft Con cable extender DRY/DMP/WET

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ESSENTIALS TALO-ENCAPSULATED (03) STATIC WHITE

24VDC Linear Fixtures - Surface

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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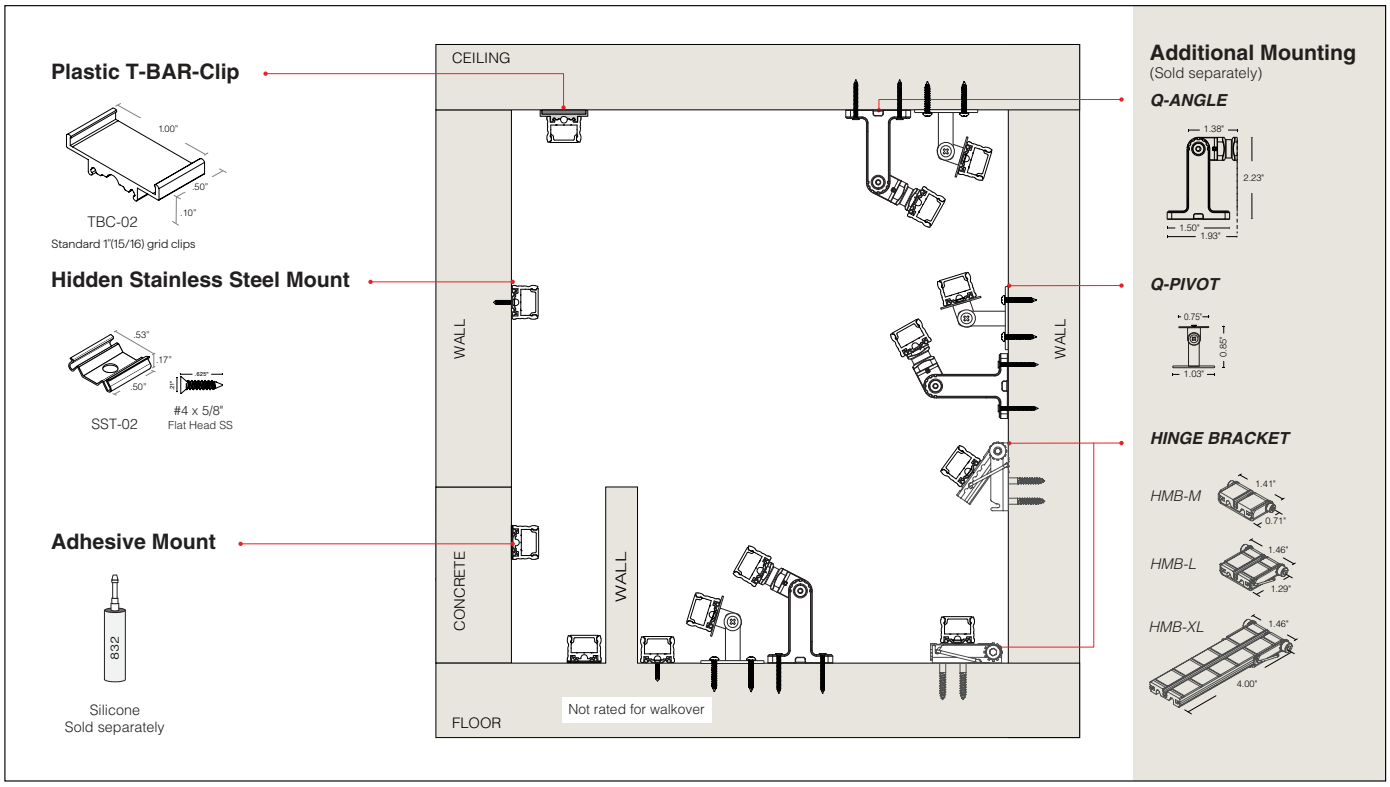
ESSENTIALS TALO

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
- 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



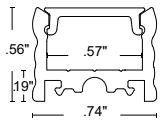
SURFACE MOUNTING METHOD

- Silicone Mount (page 4)
- Hidden Stainless Steel Clip Mount (page 5)
- Plastic T-BAR Clip Mount (page 6)

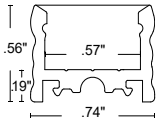
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ESSENTIALS TALO

Linear Fixture Installation Instructions



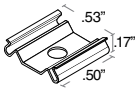
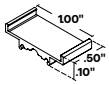
TALO-FLAT (01)



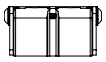
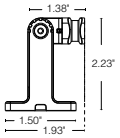
TALO-ENCAPSULATED (03)

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

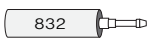
HIDDEN STAINLESS STEEL CLIP	PLASTIC T-BAR CLIP	
 SST-02 Included: Flat Head Screw #4x5/8"	 TBC-01 9/16" Flat or Tegular TB-grid clips	 TBC-02 15/16" Flat or Tegular TB-grid clips
• 2 clips provided for 4' or less; 4 clips provided for greater than 4"	• 2 Clips provided per first 12", 1 clip provided per additional foot.	• 2 Clips provided per first 12", 1 clip provided per additional foot.

ACCESSORIES SOLD SEPARATELY

HINGE BRACKET; sold individually	Q-ANGLE; sold in pairs	Q-PIVOT; sold in pairs
 Image shows HMB-M 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

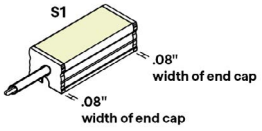
SILICONE



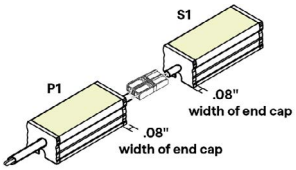
DOWSIL 832

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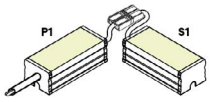
CONTINUOUS WIRING CONFIGURATION OPTIONS



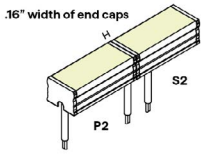
Single End Feed



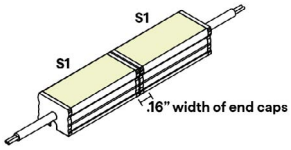
Non-Continuous End Feed



Non-Continuous Corner Feed



Continuous Bottom Feed



Continuous End to End Feed

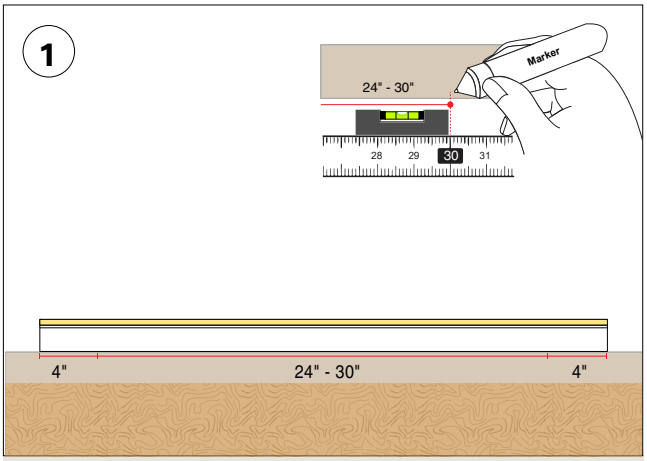
Review wire method to ensure clean installation prior to mounting extrusion.

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

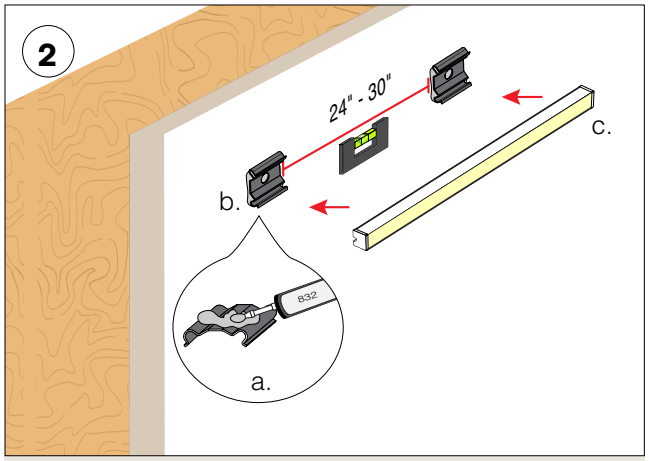
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SURFACE MOUNTING METHOD: **SILICONE**

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



Determine the TALO 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”.

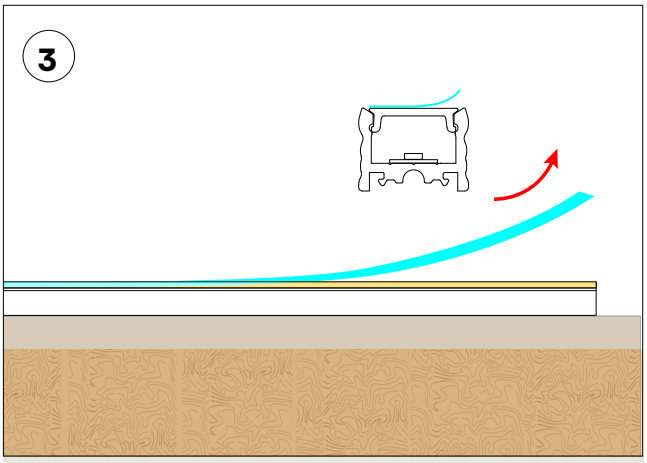


a. Firmly press the silicone-coated clips on the marked reference points.

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

c. Snap fixture onto clips.

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

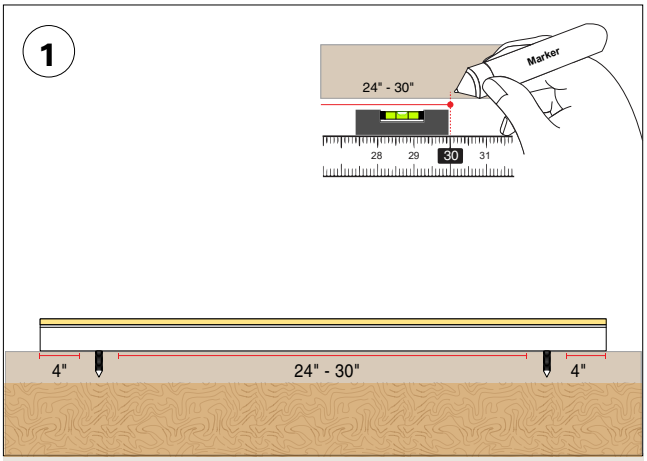


Remove protective film from the surface of the fixture’s lens.

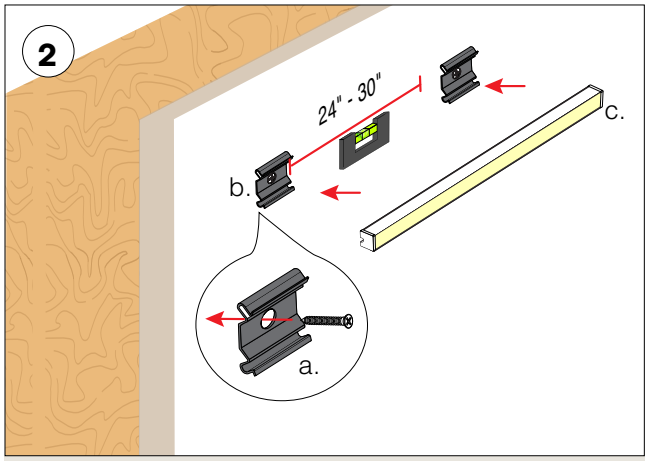
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SURFACE MOUNTING METHOD: **HIDDEN STAINLESS STEEL CLIPS**

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



Determine the TALO 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”.

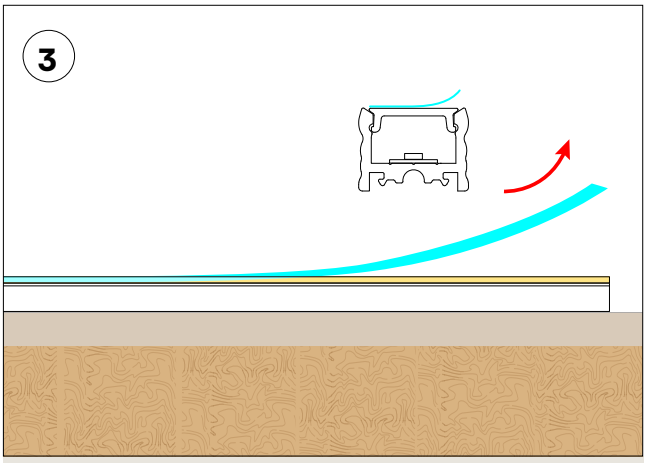


a. Secure clips using the #4 flat head hardware provided.

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

c. Snap fixture 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.

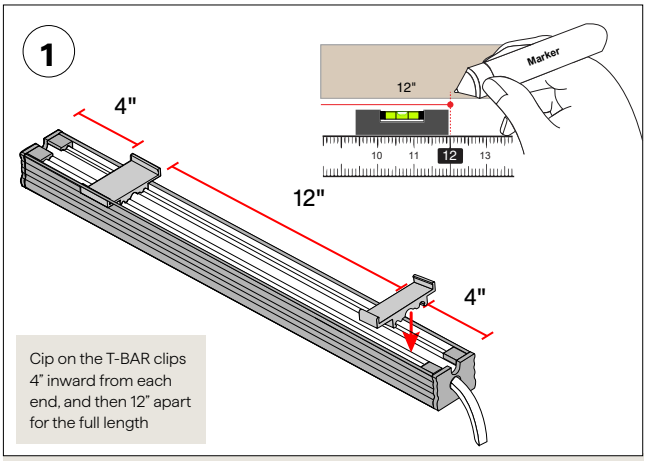


Remove protective film from the surface of the fixture’s lens.

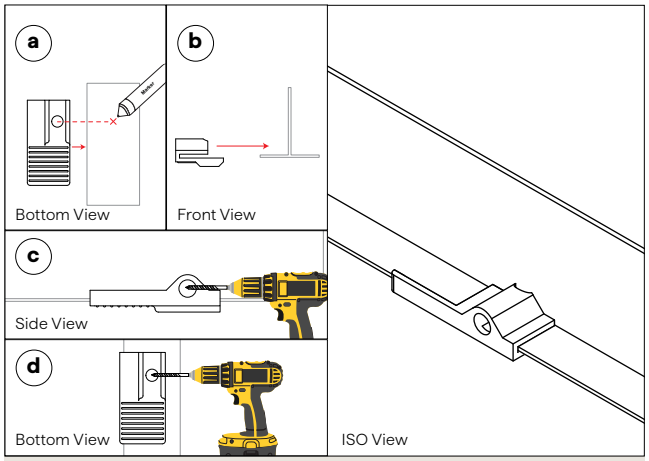
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SURFACE MOUNTING METHOD: **PLASTIC T-BAR CLIPS**

- 2 Clips provided per first 12", 1 clip provided per additional foot.

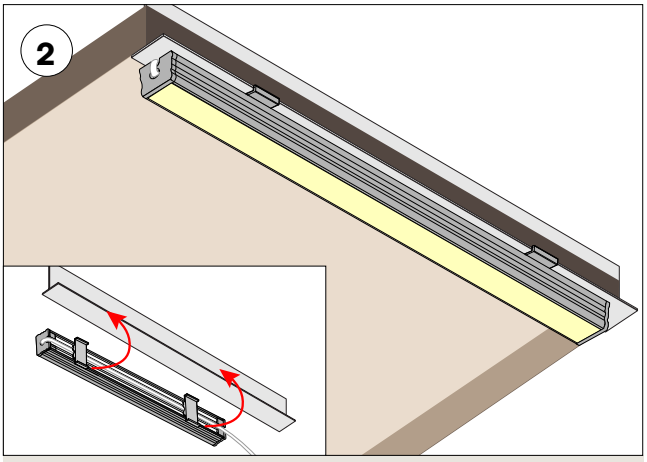


Determine the TALO fixture(s) location and positioning on desired surface; evenly distribute clips. Make any necessary reference markings to indicate where each clip is to be secured in place. Recommended every 12".

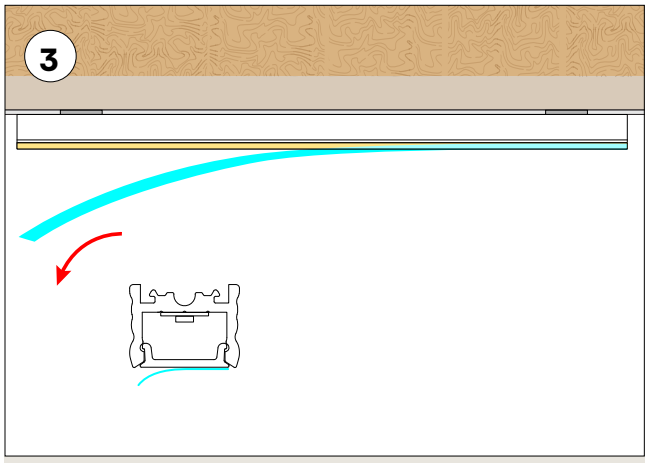


OPTIONAL - REQUIRED FOR S2/P2
Use provided jig to drill a hole in the t-bar ceiling grid, which will allow the wire to feed into the ceiling.

- **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 fixture onto T-BAR.



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

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ESSENTIALS TALO-ENCAPSULATED-SW(03)

Linear Fixtures Color Data

TO3SW-5.0-24-ENC-STD-CL

2400 K

CRI: 92.8

CRI R9: 64.3

TM30 Rf: 89.9

TM30 Rg: 103.3

CQS: 86.5

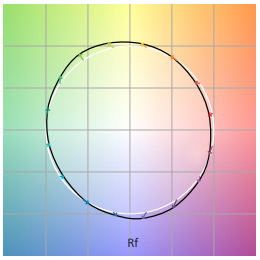
X: 0.484

Y: 0.411

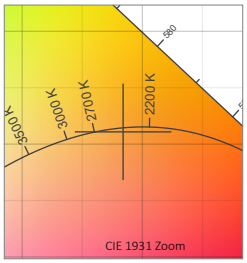
U: 0.278

V: 0.354

Δuv: -0.0012







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94.0	95.8	94.7	93.6	92.9	95.1	92.5	83.7	64.3	88.0	94.3	83.6	94.5	95.6	90.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
83.9	93.0	84.7	86.2	87.7	83.8	80.9	85.7	94.4	88.9	88.9	89.0	89.6	86.1	84.8
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
91.5	91.5	84.1	89.2	91.0	88.9	88.0	91.1	93.7	92.4	89.7	88.0	90.4	85.6	91.0	87.4

TM30			
Hue Bin	R_f	Chroma	Hue
1	91	-4%	-1%
2	91	-4%	3%
3	84	0%	8%
4	89	3%	6%
5	91	6%	5%
6	89	8%	0%
7	88	4%	-6%
8	91	1%	-6%
9	94	-2%	-3%
10	92	-4%	2%
11	90	0%	7%
12	88	3%	4%
13	90	6%	-6%
14	86	6%	-8%
15	91	2%	-6%
16	87	-2%	-9%

TO3SW-5.0-27-ENC-STD-CL

2788 K

CRI: 96.7

CRI R9: 94.7

TM30 Rf: 93.2

TM30 Rg: 104.2

CQS: 92.1

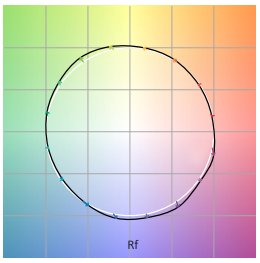
X: 0.450

Y: 0.403

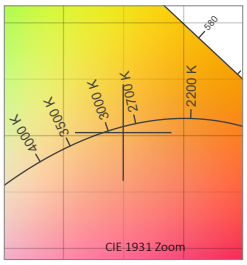
U: 0.259

V: 0.349

Δuv: -0.0021







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.6	97.5	92.6	95.9	98.2	95.8	96.7	97.8	94.7	92.1	94.8	84.2	99.0	94.7	99.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
94.4	97.2	87.1	90.2	93.3	89.3	87.0	92.7	95.4	92.5	93.5	94.7	96.1	96.3	95.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.6	97.4	91.5	92.5	93.2	91.1	93.1	93.5	96.3	93.9	89.4	89.7	94.3	91.9	94.0	89.6

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

TO3SW-5.0-30-ENC-STD-CL

3006 K

CRI: 96.4

CRI R9: 94.5

TM30 Rf: 93.0

TM30 Rg: 103.6

CQS: 92.3

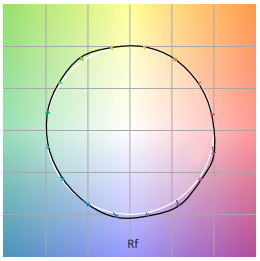
X: 0.434

Y: 0.398

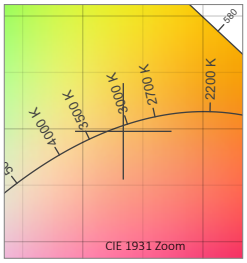
U: 0.251

V: 0.346

Δuv: -0.0021







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.0	97.1	92.3	96.2	97.5	94.7	97.0	97.9	94.5	91.0	95.2	80.0	98.5	94.7	99.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
96.1	97.5	85.9	88.4	93.2	91.1	88.3	93.6	95.2	92.5	93.2	94.8	96.4	96.7	96.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.6	97.1	91.7	93.4	92.5	92.5	94.9	95.3	96.3	91.5	87.4	88.6	94.5	91.6	92.9	88.9

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

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

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Specification subject to change. Rev-03-04-24

ESSENTIALS TALO-ENCAPSULATED-SW(03)

Linear Fixtures Color Data

TO3SW-5.0-35-ENC-STD-CL

3553 K

CRI: 96.9

CRI R9: 98.3

TM30 Rf: 91.0

TM30 Rg: 97.6

CQS: 94.9

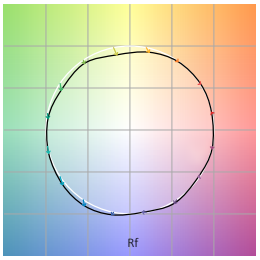
X: 0.403

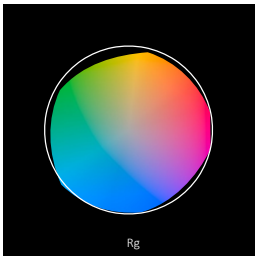
Y: 0.391

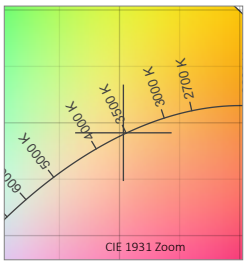
U: 0.234

V: 0.341

Δuv: 0.0006







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.6	98.0	99.4	96.1	96.6	96.5	95.2	95.8	98.3	97.7	98.9	77.9	97.4	98.6	96.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
89.5	95.1	95.5	92.8	92.5	93.2	98.2	98.9	96.4	95.9	98.3	97.9	98.5	97.6	94.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
93.6	96.0	95.0	90.2	88.4	93.8	88.4	91.4	88.3	85.9	89.5	92.7	93.4	92.5	90.1	90.1

TM30			
Hue Bin	R_f	Chroma	Hue
1	94	-1%	2%
2	96	0%	-1%
3	95	0%	-2%
4	90	-5%	-4%
5	88	-9%	-2%
6	94	-4%	1%
7	88	-6%	6%
8	91	-2%	5%
9	88	0%	8%
10	86	3%	10%
11	89	5%	5%
12	93	3%	-2%
13	93	-1%	-5%
14	92	2%	-4%
15	90	-1%	-1%
16	90	0%	-3%

TO3SW-5.0-40-ENC-STD-CL

4060 K

CRI: 97.7

CRI R9: 98.1

TM30 Rf: 92.3

TM30 Rg: 99.9

CQS: 94.7

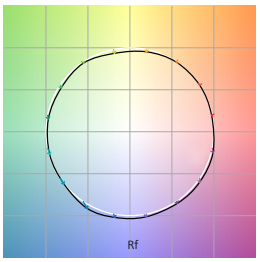
X: 0.377

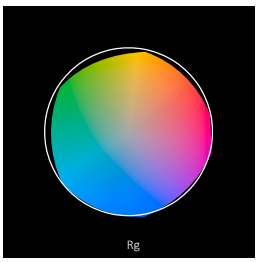
Y: 0.373

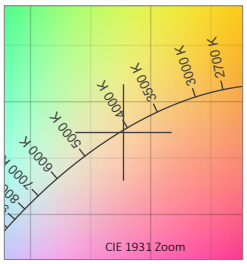
U: 0.225

V: 0.333

Δuv: -0.0010







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.6	99.4	95.8	98.4	97.1	95.6	98.4	98.0	98.1	96.2	97.8	73.2	99.4	97.0	96.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.7	98.9	89.0	88.2	92.6	95.8	96.9	98.3	97.6	97.4	97.4	98.8	99.5	98.3	96.8
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.7	97.0	95.9	93.1	91.7	96.3	94.4	93.2	89.6	87.5	86.3	92.0	94.1	94.5	89.8	89.9

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

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

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ESSENTIALS TALO-ENCAPSULATED-SW(03)

Linear Fixtures Color Data

TO3SW-5.0-24-ENC-STD-TL

2439 K

CRI: 91.7

CRI R9: 61.6

TM30 Rf: 91.3

TM30 Rg: 100.2

CQS: 87.9

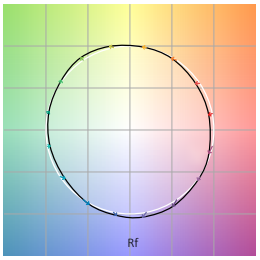
X: 0.485

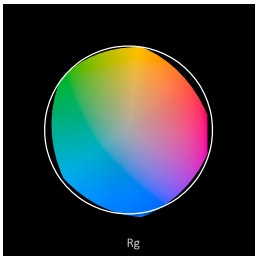
Y: 0.418

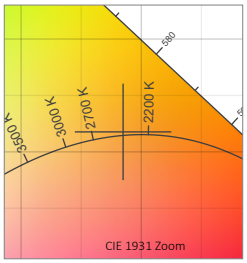
U: 0.275

V: 0.356

Δuv: 0.0011







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92.2	94.6	94.0	92.5	90.7	93.1	93.4	83.0	61.6	85.0	92.3	78.3	92.7	95.2	88.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
86.5	93.3	85.6	85.5	87.7	86.9	86.1	89.2	94.0	90.5	90.0	90.5	90.6	85.0	85.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
91.4	91.7	87.2	92.5	93.9	93.8	93.3	95.3	94.6	90.0	88.3	89.2	91.8	87.1	93.1	87.8

TM30			
Hue Bin	R_f	Chroma	Hue
1	91	-4%	-1%
2	92	-4%	3%
3	87	-1%	6%
4	93	0%	4%
5	94	2%	4%
6	94	4%	1%
7	93	1%	-4%
8	95	-1%	-3%
9	95	-3%	0%
10	90	-4%	5%
11	88	1%	8%
12	89	3%	4%
13	92	5%	-5%
14	87	4%	-8%
15	93	0%	-5%
16	88	-2%	-9%

TO3SW-5.0-27-ENC-STD-TL

2648 K

CRI: 96.9

CRI R9: 93.1

TM30 Rf: 94.1

TM30 Rg: 103.4

CQS: 92.5

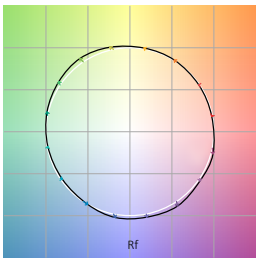
X: 0.463

Y: 0.410

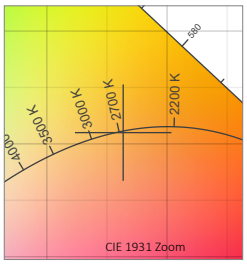
U: 0.265

V: 0.352

Δuv: -0.0005







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.5	97.4	92.4	96.5	98.1	96.1	97.4	97.8	93.1	91.7	95.5	85.2	98.9	94.5	98.6
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.9	96.6	88.6	91.4	93.1	89.4	87.9	93.2	94.9	93.1	94.5	95.9	96.9	95.7	94.7
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.7	97.7	93.0	93.7	94.1	92.2	92.9	94.0	96.5	95.3	91.3	91.4	94.9	93.2	94.6	91.5

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

TO3SW-5.0-30-ENC-STD-TL

2917 K

CRI: 96.7

CRI R9: 93.3

TM30 Rf: 94.2

TM30 Rg: 101.8

CQS: 93.5

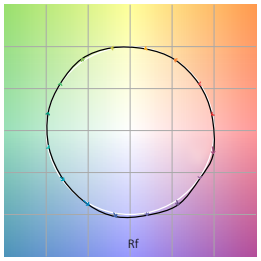
X: 0.443

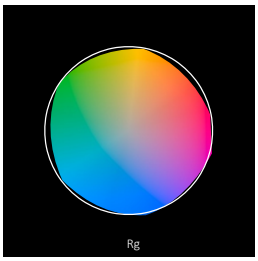
Y: 0.406

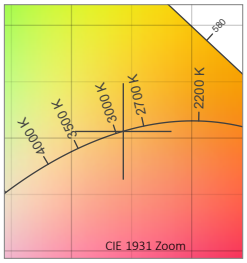
U: 0.254

V: 0.349

Δuv: -0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.3	96.9	92.9	97.5	96.9	94.9	98.2	98.1	93.3	90.7	96.7	80.6	97.9	95.0	98.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
96.5	97.6	88.3	89.6	93.5	93.1	90.8	94.8	95.4	93.9	94.8	96.2	97.2	96.6	96.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.9	97.4	93.8	94.3	94.5	95.2	95.1	97.3	96.5	91.4	89.0	90.9	95.9	93.3	95.9	90.6

TM30			
Hue Bin	R_f	Chroma	Hue
1	97	-1%	0%
2	97	-1%	1%
3	94	0%	3%
4	94	-1%	2%
5	95	1%	3%
6	95	3%	0%
7	95	0%	-1%
8	97	0%	-2%
9	97	-1%	1%
10	91	-1%	5%
11	89	1%	8%
12	91	4%	4%
13	96	3%	0%
14	93	5%	-2%
15	96	1%	-1%
16	91	3%	-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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ESSENTIALS TALO-ENCAPSULATED-SW(03)

Linear Fixtures Color Data

TO3SW-5.0-35-ENC-STD-TL

3567 K

CRI: 97.8

CRI R9: 98.5

TM30 Rf: 92.7

TM30 Rg: 99.1

CQS: 95.9

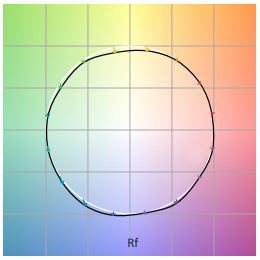
X: 0.402

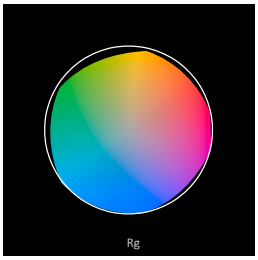
Y: 0.389

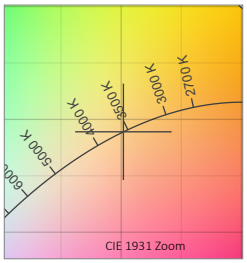
U: 0.234

V: 0.340

Δuv: 0.0001







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.1	99.3	97.4	98.2	97.6	97.2	97.3	97.3	98.5	99.3	98.8	78.3	98.2	97.7	96.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.3	97.6	93.2	92.1	94.0	96.3	99.1	99.4	98.6	98.9	99.9	98.9	99.0	98.0	96.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.8	97.1	96.5	93.1	91.5	95.7	92.1	94.2	91.0	87.8	89.3	92.9	95.1	93.0	91.3	91.1

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

TO3SW-5.0-40-ENC-STD-TL

3992 K

CRI: 97.0

CRI R9: 93.9

TM30 Rf: 92.5

TM30 Rg: 99.5

CQS: 94.8

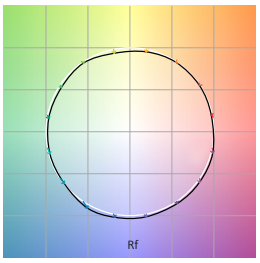
X: 0.382

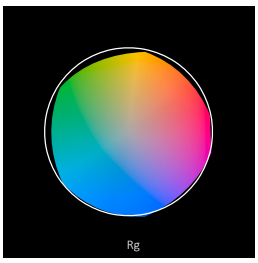
Y: 0.380

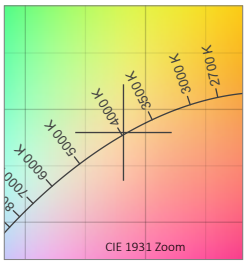
U: 0.225

V: 0.335

Δuv: 0.0009







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.2	97.9	95.0	97.6	96.2	94.8	99.0	97.6	93.9	93.0	97.1	72.6	98.3	96.6	96.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
94.0	98.9	89.2	88.6	92.8	95.3	96.6	98.1	97.6	97.2	97.6	98.7	99.3	98.4	97.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.8	97.2	95.8	93.2	92.0	96.3	94.6	93.5	90.1	87.6	86.4	92.1	94.3	94.7	90.0	90.0

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

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

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ESSENTIALS TALO-ENCAPSULATED-SW-HE(03)

Linear Fixtures Color Data

TO3SW-6.0HE-24-ENC-STD-CL

2405 K

CRI: 92.6

CRI R9: 63.4

TM30 Rf: 90.5

TM30 Rg: 102.3

CQS: 87.1

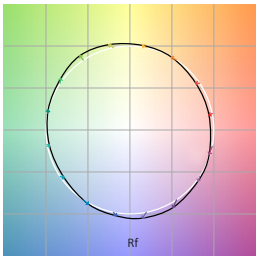
X: 0.485

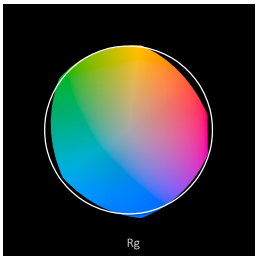
Y: 0.413

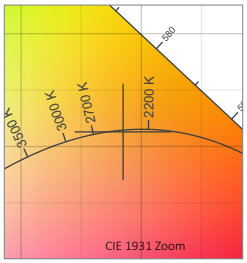
U: 0.278

V: 0.355

Δuv: -0.0006







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.5	95.6	94.8	93.4	92.4	94.8	92.7	83.4	63.4	87.6	94.0	81.7	94.1	95.7	89.6
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
85.2	92.9	84.8	85.8	88.1	85.4	82.7	86.7	94.4	89.5	89.6	89.7	90.2	85.8	85.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
91.5	91.8	85.4	90.9	92.8	90.9	90.5	93.2	94.8	91.4	88.7	88.3	90.6	85.4	91.9	86.7

TM30			
Hue Bin	R_f	Chroma	Hue
1	91	-4%	-1%
2	92	-4%	3%
3	85	0%	7%
4	91	2%	5%
5	93	5%	5%
6	91	7%	0%
7	91	3%	-5%
8	93	0%	-5%
9	95	-2%	-1%
10	91	-3%	4%
11	89	1%	8%
12	88	3%	4%
13	91	6%	-6%
14	85	5%	-9%
15	92	1%	-6%
16	87	-2%	-10%

TO3SW-6.0HE-27-ENC-STD-CL

2697 K

CRI: 93.1

CRI R9: 68.9

TM30 Rf: 90.4

TM30 Rg: 102.3

CQS: 88.8

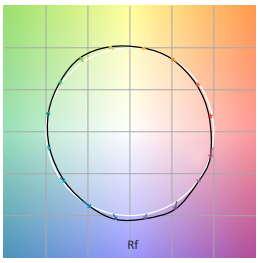
X: 0.457

Y: 0.404

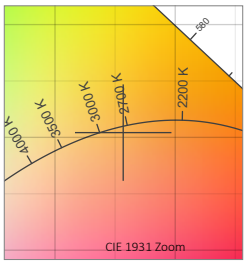
U: 0.263

V: 0.350

Δuv: -0.0021







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94.4	95.9	94.3	93.4	93.1	94.0	93.5	86.2	68.9	87.9	93.1	78.7	94.9	95.6	91.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
89.4	96.1	84.1	85.0	89.6	88.4	84.5	88.7	96.0	90.4	90.0	90.5	91.6	89.2	88.8
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
92.3	92.5	86.6	90.9	92.3	91.4	91.8	94.1	94.9	89.5	85.5	87.6	91.9	88.4	92.5	86.1

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

TO3SW-6.0HE-30-ENC-STD-CL

3010 K

CRI: 95.7

CRI R9: 94.7

TM30 Rf: 92.8

TM30 Rg: 100.8

CQS: 95.0

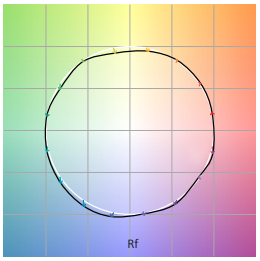
X: 0.431

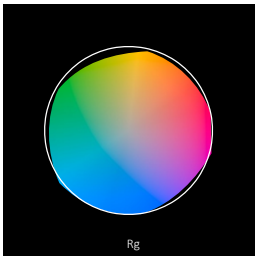
Y: 0.392

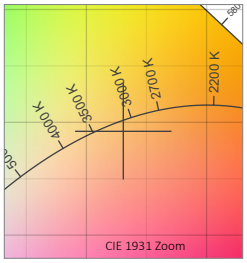
U: 0.252

V: 0.344

Δuv: -0.0040







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94.3	95.3	98.9	96.8	94.4	91.9	96.4	97.4	94.7	92.1	94.0	81.1	93.9	98.7	94.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.3	95.9	93.6	93.2	94.5	96.4	96.3	96.8	98.0	98.2	98.2	98.2	97.9	94.0	93.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.4	96.1	95.2	92.2	92.4	96.6	90.2	96.3	91.0	89.6	90.5	91.4	93.2	92.6	90.9	90.5

TM30			
Hue Bin	R_f	Chroma	Hue
1	94	0%	2%
2	96	1%	-1%
3	95	1%	-1%
4	92	-3%	-3%
5	92	-6%	-1%
6	97	-1%	1%
7	90	-3%	5%
8	96	0%	2%
9	91	2%	6%
10	90	3%	6%
11	91	5%	5%
12	91	5%	-2%
13	93	1%	-5%
14	93	3%	-5%
15	91	-1%	-1%
16	90	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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ESSENTIALS TALO-ENCAPSULATED-SW-HE(03)

Linear Fixtures Color Data

TO3SW-6.0HE-35-ENC-STD-CL

3609 K

CRI: 97.5

CRI R9: 96.9

TM30 Rf: 91.8

TM30 Rg: 98.5

CQS: 95.4

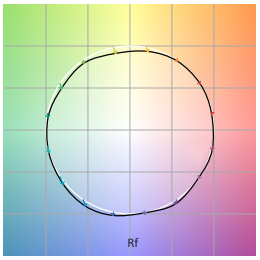
X: 0.400

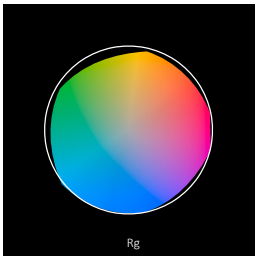
Y: 0.388

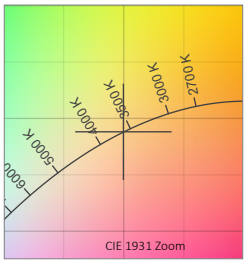
U: 0.233

V: 0.340

Δuv: 0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.2	99.0	98.3	97.4	97.2	96.9	96.4	96.5	96.9	99.5	99.7	76.8	98.4	98.1	96.6
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.2	96.9	93.2	91.5	93.0	95.0	99.5	99.3	98.5	98.3	99.8	99.1	99.4	97.8	95.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.0	96.6	96.3	92.1	90.3	94.8	90.5	92.9	89.5	86.4	88.5	92.4	94.3	92.1	90.3	90.1

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

TO3SW-6.0HE-40-ENC-STD-CL

4145 K

CRI: 96.9

CRI R9: 97.0

TM30 Rf: 91.1

TM30 Rg: 98.5

CQS: 94.3

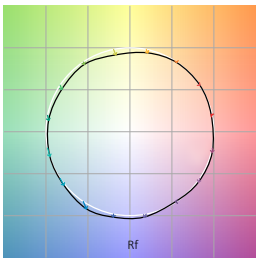
X: 0.374

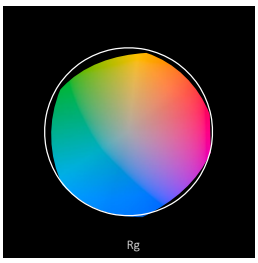
Y: 0.371

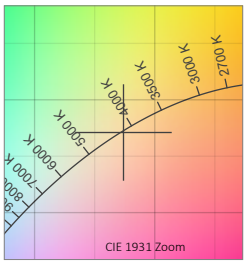
U: 0.223

V: 0.332

Δuv: -0.0008







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.1	99.1	98.1	96.2	96.2	95.9	95.9	95.9	97.0	99.2	98.2	71.6	98.6	98.2	95.6
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.6	97.3	90.5	88.1	90.8	93.5	98.4	98.3	98.7	99.0	98.6	99.5	99.6	97.6	95.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
93.3	96.1	96.0	91.8	90.1	95.0	91.7	90.4	86.8	85.8	86.4	93.1	92.5	94.2	88.6	89.0

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

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

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Specification subject to change. Rev-03-04-24

ESSENTIALS TALO-ENCAPSULATED-SW-HE(03)

Linear Fixtures Color Data

TO3SW-6.0HE-24-ENC-STD-TL

2339 K

CRI: 92.9

CRI R9: 64.3

TM30 Rf: 91.7

TM30 Rg: 101.2

CQS: 87.4

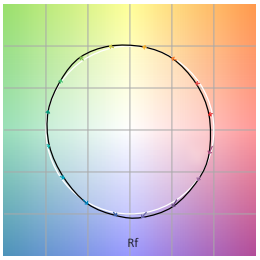
X: 0.493

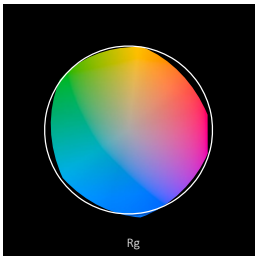
Y: 0.417

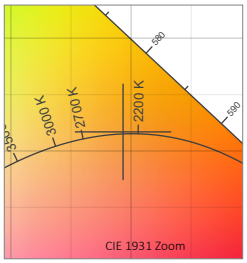
U: 0.281

V: 0.357

Δuv: 0.0006







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.6	95.6	94.8	94.0	92.5	95.0	93.3	83.9	64.3	87.6	94.8	81.9	94.1	95.6	89.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
85.4	91.8	85.6	86.2	88.0	86.1	84.8	88.0	93.3	89.9	90.1	90.4	90.3	84.9	84.8
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
91.7	92.5	87.9	92.9	93.9	93.0	92.9	95.2	95.4	91.7	89.7	89.5	90.9	86.4	93.1	87.6

TM30			
Hue Bin	R_f	Chroma	Hue
1	92	-4%	-1%
2	93	-4%	2%
3	88	-1%	6%
4	93	0%	4%
5	94	3%	4%
6	93	5%	1%
7	93	1%	-4%
8	95	0%	-3%
9	95	-2%	0%
10	92	-3%	4%
11	90	1%	7%
12	89	3%	4%
13	91	5%	-6%
14	86	4%	-8%
15	93	0%	-5%
16	88	-2%	-9%

TO3SW-6.0HE-27-ENC-STD-TL

2619 K

CRI: 93.1

CRI R9: 68.6

TM30 Rf: 91.1

TM30 Rg: 101.9

CQS: 89.2

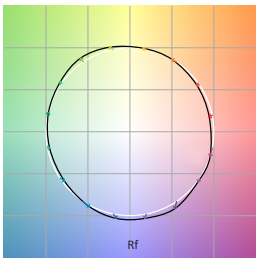
X: 0.466

Y: 0.410

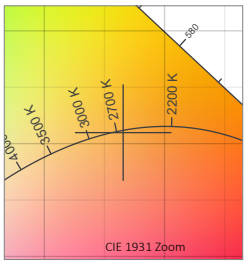
U: 0.267

V: 0.352

Δuv: -0.0008







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94.3	95.6	93.9	93.9	92.9	93.9	94.1	86.4	68.6	87.2	93.7	78.8	94.6	95.3	91.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
89.1	95.4	85.2	86.0	89.7	88.4	85.5	89.4	95.5	90.9	90.9	91.6	92.4	88.8	88.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
92.4	92.9	87.8	91.6	92.9	92.2	92.4	94.6	95.1	90.3	86.0	88.9	92.3	89.0	92.6	87.1

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

TO3SW-6.0HE-35-ENC-STD-TL

3421 K

CRI: 97.6

CRI R9: 94.8

TM30 Rf: 91.8

TM30 Rg: 98.1

CQS: 94.9

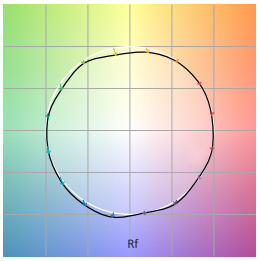
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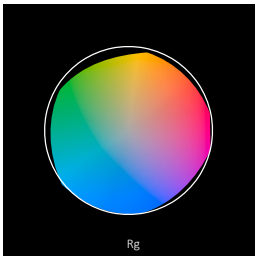
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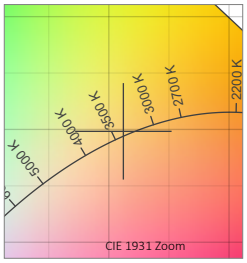
U: 0.237

V: 0.344

Δuv: 0.0018







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.9	99.4	97.6	97.1	97.2	97.8	96.5	96.3	94.8	97.8	99.6	77.4	99.0	97.7	96.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.2	95.8	94.0	92.2	93.0	94.2	98.6	98.9	96.1	95.1	97.2	97.3	98.0	97.8	94.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.0	96.8	96.1	91.3	90.1	94.8	89.2	94.1	89.4	86.6	89.4	91.9	94.3	92.5	90.4	90.5

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

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

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ESSENTIALS TALO-ENCAPSULATED-SW-HE(03)

Linear Fixtures Color Data

TO3SW-6.0HE-40-ENC-STD-TL

3917 K

CRI: 97.2

CRI R9: 94.5

TM30 Rf: 91.5

TM30 Rg: 98.5

CQS: 94.9

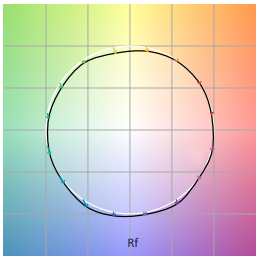
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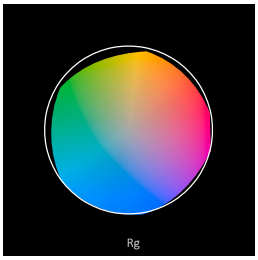
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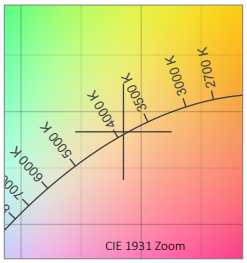
U: 0.226

V: 0.336

Δuv: 0.0011







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.6	99.4	97.3	96.6	96.4	96.5	96.8	96.2	94.5	96.7	98.1	73.1	99.1	97.8	96.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.3	97.4	91.5	89.6	92.0	94.2	98.3	98.7	98.5	98.0	99.0	99.3	99.5	98.2	95.7
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
93.8	96.8	96.3	92.0	90.3	95.0	92.0	90.9	87.6	86.6	87.0	92.0	92.9	94.6	90.1	89.5

TM30			
Hue Bin	R_f	Chroma	Hue
1	94	-1%	1%
2	97	0%	0%
3	96	-1%	-1%
4	92	-4%	-2%
5	90	-7%	-1%
6	95	-3%	1%
7	92	-4%	3%
8	91	-2%	5%
9	88	-1%	9%
10	87	0%	9%
11	87	5%	8%
12	92	4%	1%
13	93	2%	-3%
14	95	4%	-2%
15	90	0%	-3%
16	89	1%	-5%

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

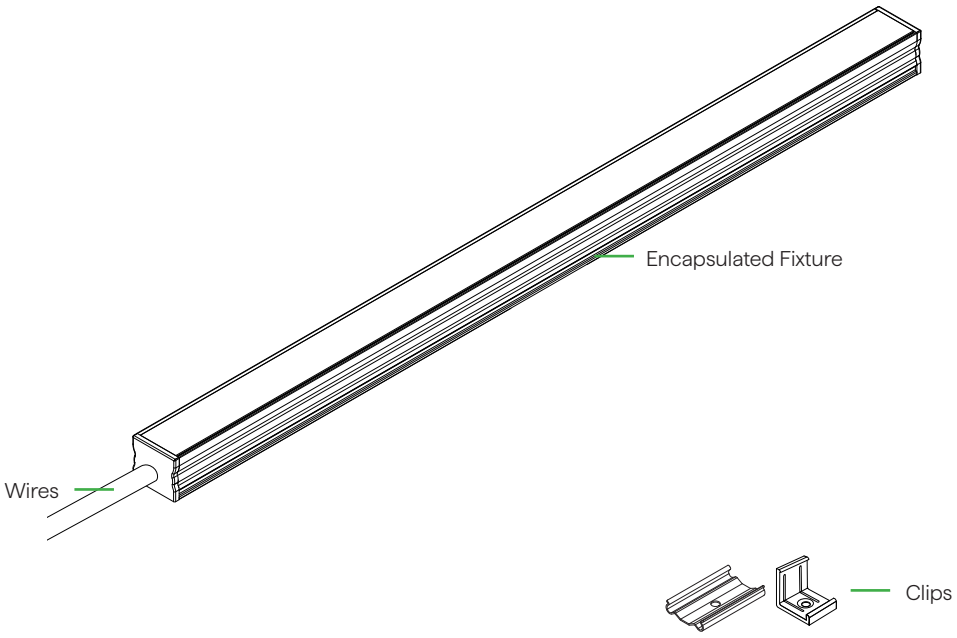
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MATERIAL RECYCLING

ENCAPSULATED LINEAR FIXTURES

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	40
Plastic Clips	Encapsulated Fixture Wires	Stainless Steel Clips

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