



Specifications

<b>SHADES</b>	9mm thick Sola Felt is a PET material, manufactured with 50% post-consumer recycled content. Sola Felt is a LBC Red List Free labeled product, eligible for LEED, Living Building Challenge, and other green building certification credits. Frosted acrylic diffuser tube with removable acrylic bottom diffuser at bottom (for changing optic kits or relamping E26 version). Contact your local sales rep for material samples.	<b>HARDWARE</b>	TGIC-free powder coat. Stainless steel cables with nickel-plated cable gripper allows for adjustable hanging height. Made with RoHS compliant parts.
<b>LIGHTING</b>	<p>LED module with single light emitting source, thermally managed to provide optimal performance. Specifiable in 2700K-4000K in CRI &gt;80 or CRI &gt;90, color accuracy within 3 SDCM. Also available in dim-to-warm.</p> <p>PoE or PoE+ compatible (depending on required output): Integrates with Power over Ethernet lighting systems through standard, low voltage wires. See wattage table on page 4 for PoE or PoE+ compatibility.</p> <p>Beam spreads from 28 degree narrow flood to 44 degree wide flood available, achieved with optics that are easily changed in the field. E26 lamp model also available. Source lumens 800, delivered lumens approx 619, 90 CRI, nominal lifetime 15,000 hours.</p>	<b>MOUNTING</b>	Adjustable stainless steel aircraft cable, contact studio for lengths over 20'
<b>LUMEN MAINTENANCE</b>	<p>Reported: L90: &gt;55,000 hours</p> <p>Calculated: L70: &gt;180,000 hours L80: &gt;120,000 hours <i>EPA TM21 calculator derived</i></p>	<b>ELECTRICAL</b>	Emergency battery output: 6 watts for 90 minutes Maximum Mounting height: 10.5ft. Compatible with Signify Bodine sinusoidal output emergency lighting inverters. Signify Bodine inverters allow designated lighting fixtures to serve as code compliant emergency lighting sources during failure of normal AC power. For additional information see link: <a href="http://www.bodine.com/products/inverter.html">http://www.bodine.com/products/inverter.html</a>
<b>PHOTOMETRICS</b>	Consult factory or website for IES files, tested in accordance with IESNA LM79.	<b>CERTIFICATION</b>	CSA certified to CSA C22.2 No. 250.0, and conforms to UL standard 1598. PoE Compatible fixtures meet UL 2108.
		<b>CLEANING &amp; CARE</b>	The best way to remove airborne debris and dust from shades is to periodically vacuum. A Swiffer sheet or feathered duster can also be used for light dusting. To treat liquid stains, remove spills immediately with a clean damp cotton cloth or with detergent soap and warm water. Carpet and fabric cleaners can usually be used. Always test an inconspicuous area before applying cleaners to the actual stain.

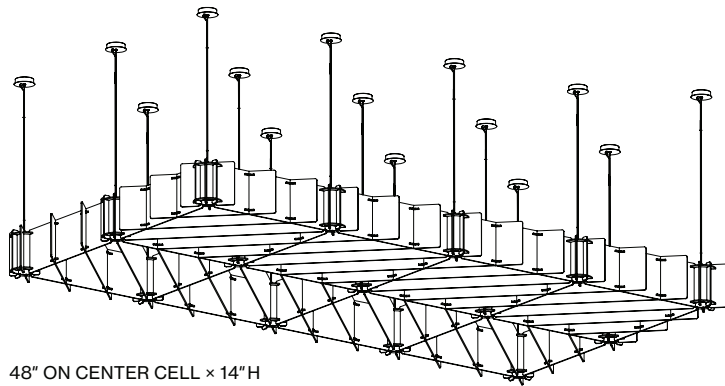


# Trellis Chevron

Fixture Options

ACOUSTIC COLLECTION

## DIMENSIONS



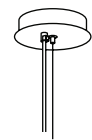
48" ON CENTER CELL × 14"H  
2 × 4

## FELT COLOR OPTIONS

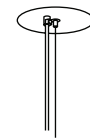


## CEILING CONNECTION

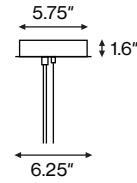
### STANDARD CANOPY



SURFACE MOUNTED

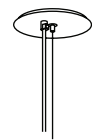


RECESSED \*

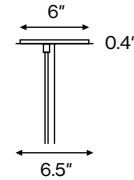


\*For recessed canopy, cut 6" dia hole and recess j-box or mounting structure by 1.5"

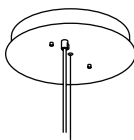
### ULTRA SHALLOW CANOPY (E26 ONLY)



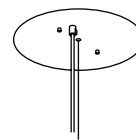
SURFACE MOUNTED



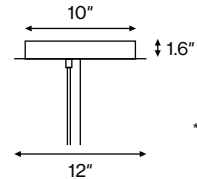
### EM BATTERY OPTION ONLY



SURFACE MOUNTED

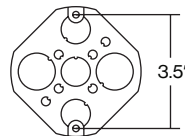


RECESSED \*



\*For recessed canopy, cut 11" dia hole and recess j-box or mounting structure by 1.5"

### 4" OCTAGONAL JUNCTION BOX\* (BY OTHERS)



\*Required for powered units;  
junction box mount optional  
for unlit units

## CANOPY / DRESS PLATE FINISH OPTIONS



BLACK/  
BLACK



WHITE/  
WHITE

**Declare.**

Sola Felt, Clario, Hush Clad, and Tetra  
Acoustic Solutions  
3form

Final Assembly: Salt Lake City, Utah, USA  
Life Expectancy: 20 Years  
End of Life Options: Salvageable/Recycle in its Entirety, Take Back Program (Recycle Salt Lake City, Utah)  
EU CoC Screened: Does Not Contain

Ingredients:  
polyethylene terephthalate; 3-  
hydroxybenzophenone; phosphoric acid; Titanium dioxide;  
Carbon black; Spinning finish

Living Building Challenge Criteria: Compliant

1-13 Red List:  
■ LBC Red List Free  
■ LBC Red List Approved  
■ Declared

1-16 Material Performance: CDPH Standard Method v13-2016  
1-14 Responsible Sourcing: Not Applicable

TPH-0003  
EPA 19 OCT 2022  
SCREENED 21 SEP 2021  
Original Issue Date: 2018

INTERNATIONAL LIVING FUTURE INSTITUTE™ [livingfuture.org/declare](https://www.livingfuture.org/declare)

align **Declare.**

Red List Free  
Ingredients

MADE IN USA

TITLE  
24

1/4" POE

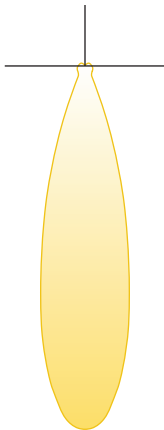
# Trellis Chevron

## Lighting Details

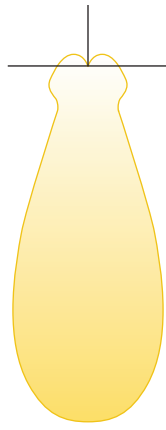
ACOUSTIC COLLECTION

### LIGHT DISTRIBUTION

Consult factory or [lightart.com](http://lightart.com) for IES files, tested in accordance with IESNA LM79



28° NARROW FLOOD  
LUMINOUS FLUX: 2488LM  
INPUT POWER: 25W  
SPACING CRITERION: 0.48  
Testing performed with  
3500K / 80CRI configuration



44° WIDE FLOOD  
LUMINOUS FLUX: 2133LM  
INPUT POWER: 25W  
SPACING CRITERION: 0.74  
Testing performed with  
3500K / 80CRI configuration

### OPTICAL CHARACTERISTICS

Based on measurement data

	BEAM ANGLE	SPACING CRITERION
NARROW FLOOD	28°	0.48
FLOOD	36°	0.61
WIDE FLOOD	44°	0.74

### OUTPUT MULTIPLIERS

Based on measurement data

COLOR TEMPERATURE / CRI	MULTIPLIER
2700K / 80	0.94
2700K / 90	0.77
3000K / 80	0.98
3000K / 90	0.82
3500K / 80	1.00
3500K / 90	0.84
4000K / 80	1.02
4000K / 90	0.87
WARM DIM 1830 / 90	0.72

OPTIC	MULTIPLIER
30°	1.00
54°	0.93
78°	0.86

### PERFORMANCE

Based on 3500K / 80CRI / NFL configuration (HP light core) and 3500K / 90CRI for E26 lamp

NOMINAL LUMEN OUTPUT	DELIVERED LUMENS	INPUT POWER (W)	EFFICACY (LM/W)	POE COMPATIBILITY	OUTPUT / LED DRAW WATTAGE (for use w/ POE)
600 (E26 A-LAMP)	619	8.8	72	N/A	N/A
900	893	8.0	111	POE & POE+	6.8
1000	1050	9.5	110	POE & POE+	8.1
1500	1533	14.6	105	POE & POE+	12.4
2000	2005	19.6	102	POE+ ONLY	16.7
2500	2488	25.0	100	POE+ ONLY	21.4

### OUTPUT MULTIPLIERS INSTRUCTIONS

Adjusted Value =  $L_1 \times C_m \times O_m$  where:

$L_1$  = (Lumen output at 3500K / 80 CRI) ×

$C_m$  = (Color Temp. / CRI Multiplier) ×

$O_m$  = (Optic Multiplier)

Example:

2600LM / 3000K / 80CRI / FL Configuration

$(2678) \times (0.97) \times (0.88) = 2286\text{LM}$

SABINS PER FIXTURE Equivalent square feet of perfect absorption

CENTER FREQUENCY (HZ)	2 × 2 TRELLIS
100	33.58
125	41.51
160	45.97
200	54.33
250	59.16
315	59.89
400	54.39
500	62.57
630	74.08
800	81.03
1000	90.07
1250	95.23
1600	102.11
2000	107.37
2500	112.85
3150	114.97
4000	119.14
5000	121.38
AVERAGE OF 250, 500, 1000, 2000	79.42
EFFECTIVE NRC*	1.00
EQUIVALENT SQ FT OF ACT (NRC 0.90)	88.2
EQUIVALENT SQ FT OF ACT (NRC 0.70)	113.5

Measured using 2 × 2 Acoustic Trellis.

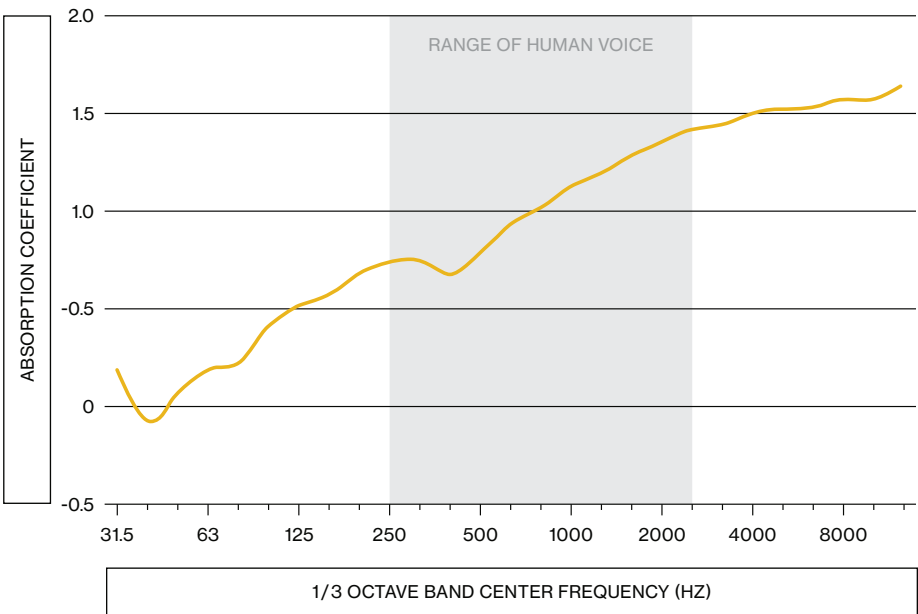
## Absorption

NRC per Fixture: 1.00  
Average of values taken at  
250, 500, 1000, and 2000 Hz

The NRC of felt depends on its configuration.  
LightArt fixtures utilize deep airspaces and  
multiple layers to keep NRC ratings high for  
all exposed felt surfaces.

The acoustic testing of Acoustic Wing was  
conducted at NVLAP accredited laboratories  
and meets ISO 354 and ASTM C423. Formal  
test reports are available upon request.

2 × 2 TRELLIS



# Trellis Chevron

## Part Number Specification

ACOUSTIC COLLECTION

### SPECIFICATION CODE

Example: 2 QTY ACC-TREL-CHEV-1X2-EB-835CK-2000LM-NFL-LV01-STD-WPC-WH

ACC-TREL-CHEV-  -  -  -  -  -  -  -  -

QTY.  1 2 3 4 5 6 7 8 9

Complete form to order Trellis fixture(s). For each number, make one selection and enter in the corresponding box above.

\*Indicates modified choices; additional lead times and/or costs may apply.

### 1 SIZE (Nominal)

☐ 1X  
☐ 1X2  
☐ 2X2  
☐ 2X3  
☐ 2X4  
☐ CUST\*

1X 1X2 2X2 2X3 2X4

CUSTOM CONFIGURATION

### 2 FELT COLOR

<input type="checkbox"/> EB	<input type="checkbox"/> EBONY	<input type="checkbox"/> EM	<input type="checkbox"/> EMERALD	<input type="checkbox"/> SF	<input type="checkbox"/> SAFFRON
<input type="checkbox"/> NF	<input type="checkbox"/> NIGHTFALL	<input type="checkbox"/> AD	<input type="checkbox"/> ADMIRAL	<input type="checkbox"/> JP	<input type="checkbox"/> JASPER
<input type="checkbox"/> CA	<input type="checkbox"/> CAST	<input type="checkbox"/> DK	<input type="checkbox"/> DUSK	<input type="checkbox"/> AS	<input type="checkbox"/> ARIES
<input type="checkbox"/> ML	<input type="checkbox"/> MINERAL	<input type="checkbox"/> STB	<input type="checkbox"/> STEELBLUE	<input type="checkbox"/> OCH	<input type="checkbox"/> OCHRE
<input type="checkbox"/> STL	<input type="checkbox"/> STEEL	<input type="checkbox"/> PT	<input type="checkbox"/> PLATINUM	<input type="checkbox"/> MU	<input type="checkbox"/> MUSTARD
<input type="checkbox"/> AR	<input type="checkbox"/> ARMOR	<input type="checkbox"/> SLT	<input type="checkbox"/> SILT	<input type="checkbox"/> CT	<input type="checkbox"/> CITRINE
<input type="checkbox"/> NI	<input type="checkbox"/> NICKEL	<input type="checkbox"/> DW	<input type="checkbox"/> DRIFTWOOD		
<input type="checkbox"/> ZN	<input type="checkbox"/> ZINC	<input type="checkbox"/> DN	<input type="checkbox"/> DUNE		

### 3 LED CRI / CCT

☐ 827CK 80 CRI / 2700K  
☐ 830CK 80 CRI / 3000K  
☐ 835CK 80 CRI / 3500K  
☐ 840CK 80 CRI / 4000K  
☐ 927CK 90 CRI / 2700K  
☐ 930CK 90 CRI / 3000K  
☐ 935CK 90 CRI / 3500K  
☐ 1830W WARM DIMMING 90 CRI  
 3000K to 1800K Dimming Range

☐ E26AL E26 BASE A LAMP 120V only  
 Source Lumens 800lm,  
 619lm delivered 3000K > 90 CRI,  
 Not available in PoE.

### 4 NOMINAL DELIVERED LUMENS Warm dim only available in 1500LM

☐ 900LM 900 LUMEN  
☐ 1000LM 1000 LUMEN  
☐ 1500LM 1500 LUMEN  
☐ 2000LM 2000 LUMEN  
☐ 2500LM 2500 LUMEN

☐ 600LM E26 BASE A LAMP  
 600 delivered lumens only

### 5 BEAM SPREAD Beam spread kits available—contact LightArt for more information

☐ NFL NARROW FLOOD OPTION (28°)  
☐ FL FLOOD OPTION (36°)  
☐ WFL WIDE FLOOD OPTION (44°)

☐ E26S E26 BASE A LAMP

CONTINUE TO NEXT PAGE TO COMPLETE SPECIFICATION

\*Indicates modified choices; additional lead times and/or costs may apply.

align Declare.





# Trellis Chevron

Part Number Specification

ACOUSTIC COLLECTION

CONTINUE SPECIFICATION

## 6 DIMMING AND CONTROLS

- ☐ LV01 0-10V – 1% DIMMING 120 & 277V
  - ☐ LT02 LEADING/TRAILING/TRIAC – 5% DIMMING *120v only*
  - ☐ LP01 ELV FORWARD/REVERSE PHASE – 1% DIMMING *120v only*
  - ☐ LVP LOW VOLTAGE POE *No driver provided for POE. Power supply by others. Not available with E26 Base A lamp.*
  - ☐ EBM 0-10V 1% DIMMING INTEGRATED EM BATTERY OPTION  
*Max Lumen output limited—consult LightArt. Not available for E26.*
- Universal Input (Dim on 120V for TRIAC/ELV & 120/277V for 0-10V)*
- ☐ E26 E26 BASE A LAMP *Only compatible with 120V ELV Dimming*

## 7 SUSPENSION

- ☐ STD 12" – 96"
- ☐ EXT\* 12" – 240"

## 8 CANOPY OPTIONS

- ☐ WPC WHITE
- ☐ BPC BLACK
- ☐ RWPC RECESSED WHITE
- ☐ RBPC RECESSED BLACK

## 9 POWER CORD

- ☐ WH WHITE
- ☐ BK BLACK

\*Indicates modified choices; additional lead times and/or costs may apply.

