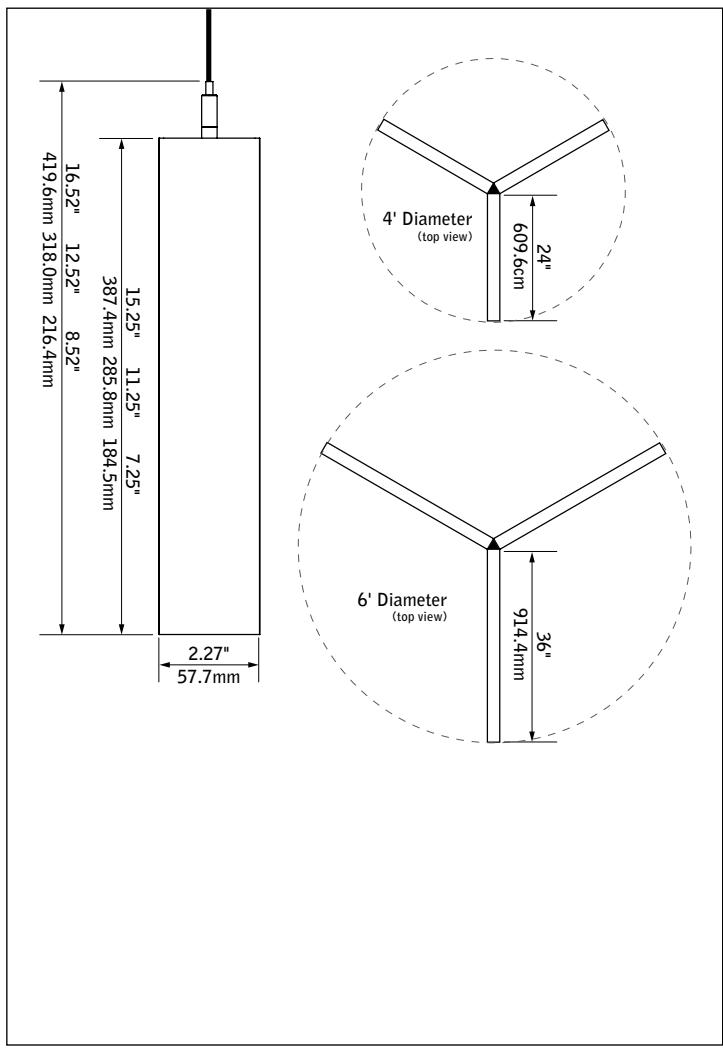


# Seem® 1 Acoustic Trio

LED DIRECT



## DIMENSIONAL DATA



## FEATURES

Narrow, sound absorbing 1.5" aperture 'Y' shaped acoustic pendant with direct distribution.

Available in 4' and 6' diameters with 8", 12", and 16" nominal housing heights.

LED position and lens material optimized to provide the perfect blend of high performance and visual comfort.

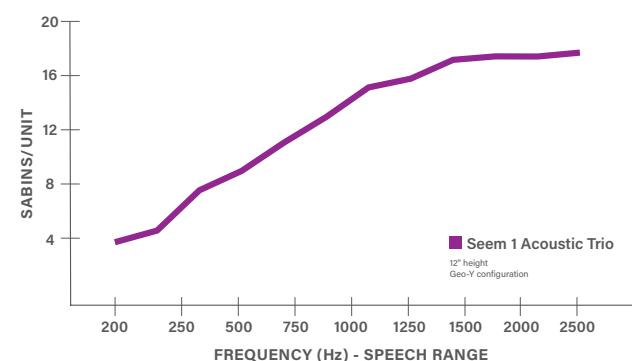
Engineered to maximize sound absorption and to create a statement as a stand-alone pendant, in a cluster or as part of a system when paired with Seem 1 Acoustic.

AirCore™: patent pending, eco-friendly technology that maximizes sound absorption and reduces ecological impact.

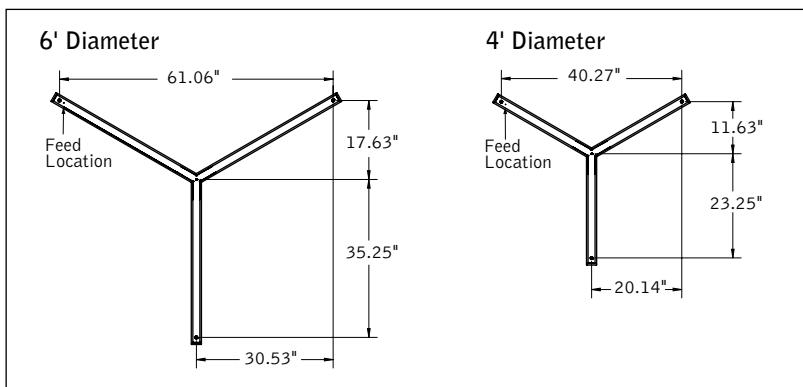
Wide range of color options provides design flexibility and personalization for any project.

Available in a range of curated printed finish options, including The Naturals and Cosmic.

## ACOUSTIC PERFORMANCE



All products were tested in multiple configured arrays. Total absorption will vary based on configuration. Please refer to ASTM C423 reports for more information.

**MOUNTING DETAILS****SPECIFICATIONS****Acoustic Material**

Content	Housing material is 100% polyester containing up to 50% of recycled plastic bottles (PET felt) and is moisture resistant.  See page 3 for color offering. Acoustic material colors are subject to change without notice. For the most current color options, please visit <a href="http://focalpointlights.com/acousticsolutions">focalpointlights.com/acousticsolutions</a> . Printed finishes such as The Naturals and Cosmic may leave the base material color visible on edges, depending on the product. Consult factory for more information. Lead times may vary depending on color.
Cleaning and Care	Remove dust and debris with a clean, soft, lint-free cloth or vacuum
PET Thickness	9mm
Surface Burning Characteristics	ASTM E84 Class A / CAN ULC S102 Flame Spread: 0 Smoke Development Index: 300
Colorfastness	AATCC 16A Option 3 Class 4 minimum at 40 hours

**Acoustic Performance**

Acoustic testing is performed on all Focal Point acoustic products and varies based on installation and configuration. ASTM C423 test reports can be downloaded from [focalpointlights.com](http://focalpointlights.com). Contact [acoustic.solutions@focalpointlights.com](mailto:acoustic.solutions@focalpointlights.com) for technical questions.

Sabins	Sabins is a unit of sound absorption. It measures how well one square foot of material absorbs sound. Focal Point has averaged the Sabins per unit at four specific frequency bands representing the human speech range (250, 500, 1000, 2000 Hz) to determine the Sabins per product.  Sabins/unit varies based on configuration: Geo Y Configuration = 12.24 Sabins Staggered Hex Configuration = 12.07 Sabins
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**LED System**

Proprietary linear LED module incorporates premium LEDs on a robust platform to achieve excellent thermal management. LEDs are placed to promote a uniform appearance. Available in 3000K, 3500K or 4000K with both 80 and 90 CRI options. LED drivers are replaceable from above. Color accuracy <3 SDCM.

**Weight**

12" height, 4' diameter = 17.5lbs. 12" height, 6' diameter = 26.3lbs.

**Optic**

Reflectors fabricated of 22 Ga. steel finished in Matte White powder coat. Extruded acrylic lens .05" thick with frosted finish, up to 8' continuous. 0.02" thick clear acrylic dust cover.

**Electrical**

Luminaires are pre-wired with factory installed branch circuit wiring and over-molded quick connects. Standard 120-277V constant current driver includes 0-10V analog dimming. Power factor > .9. Power cord white as standard.

**Canopy**

Polyester powder coat applied over a multi-stage pre-treatment. Canopy white as standard.

**Labels**

UL and cUL listed. Suitable for Dry Locations, indoor use only.

**Lumen Maintenance**

Reported: L70 at >61,000 hours  
L90 at >61,000 hours

Calculated: L70 at 470,000 hours  
L90 at 115,000 hours

Derived from EPA TM-21 calculator. Based on typical conditions, consult factory for additional data.

**Reliability**

At Focal Point, our products are designed to stand the test of time. Each luminaire is engineered using superior components, manufactured with the utmost care and rigorously tested. Contact us for reliability data.

**Warranty**

LED system rated for operation in ambient environments up to 25°C. 5-year limited warranty.

**4' PERFORMANCE CHART**

See page 4

Focal Point LLC reserves the right to change specifications for product improvement without notification.

**ORDERING****Luminaire Series**

Seem 1 Acoustic Trio Direct ASM1TP

ASM1TP

**Nominal Size**

4' Diameter 4  
6' Diameter 6

RL

**Shielding**

Rgress lens RL

**Luminaire Height**

(heights are nominal)  
8" nominal 8  
12" nominal 12  
16" nominal 16

**Direct Lumen Output**

4' Diameter	600 Lumens	600L
1200 Lumens	1200L	
1800 Lumens	1800L	
2400 Lumens	2400L	
3000 Lumens	3000L	
6' Diameter	900 Lumens	900L
1800 Lumens	1800L	
2700 Lumens	2700L	
3600 Lumens	3600L	
4500 Lumens	4500L	

**Color Temperature**

3000K, 80CRI or 90CRI	30K or 930K
3500K, 80CRI or 90CRI	35K or 935K
4000K, 80CRI or 90CRI	40K or 940K

**Circuit**

Single Circuit 1C

**Voltage**

120/277 UNV Volt UNV

**Control System & Dimming Level**

0-10V - 10% Dimming	LD1
0-10V - 1% Dimming	L11
Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming	LH1
DALI 1% Dimming	D11

**Mounting**

(Mounting hang kits ship with order. Power cable is 18" longer than suspension length.)

24" Cable Suspension	J24
48" Cable Suspension	J48
96" Cable Suspension	J96
120" Cable Suspension	J120

(Specify canopy color White (WH), Black (BK) or Titanium Silver (TS). Example: J24WH.)

(Consult factory for sloped ceiling applications)

**Factory Options**

Black Cord BKCD

**Acoustic Panel Color**

See page 3 for color offering

(Consult factory for multi-colored units)

# Acoustic Materials



## COSMIC (25% SCALE)



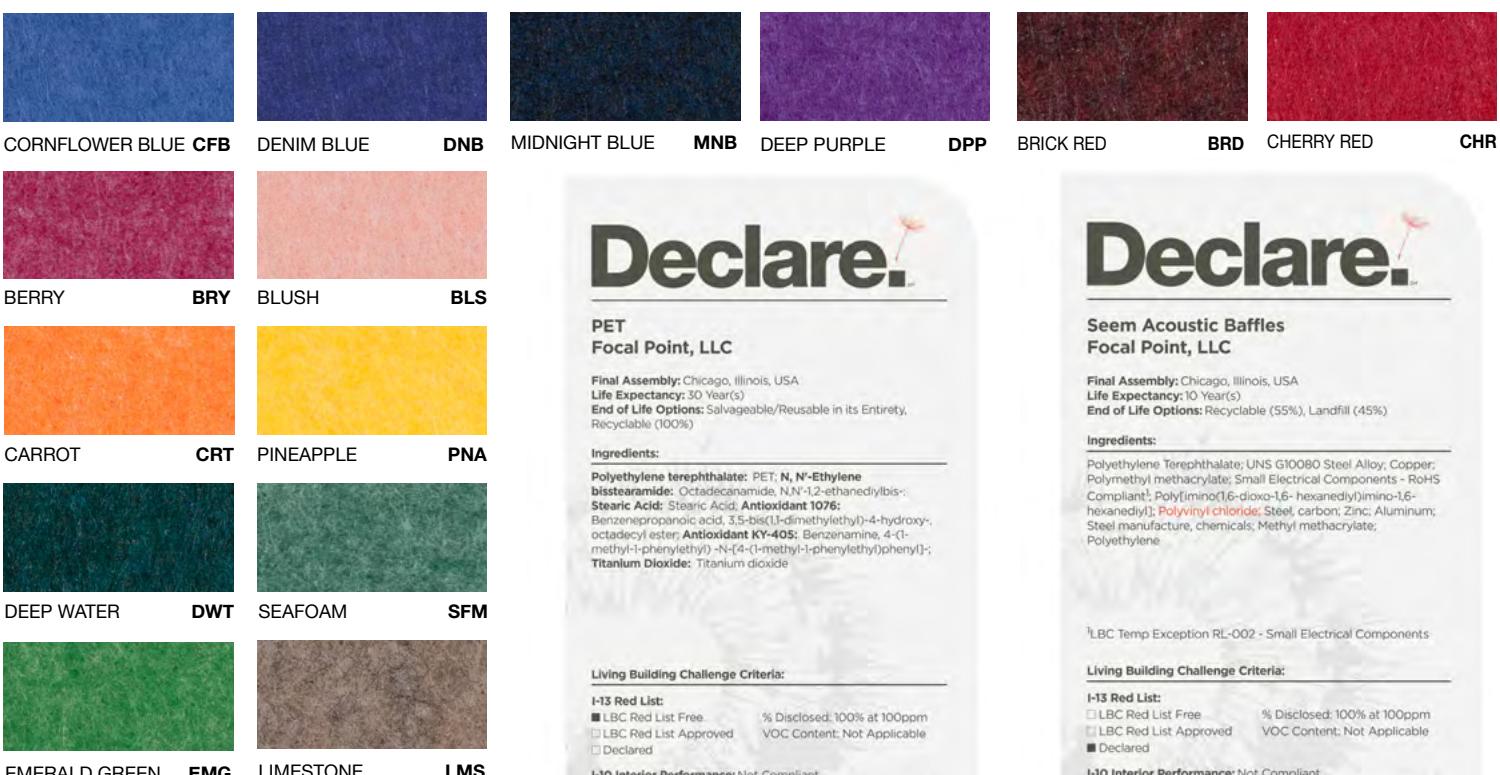
## THE NATURALS (25% SCALE)



## STANDARD PET



## PREMIUM PET



Slight color variations are inherent to the PET felt manufacturing process. Color renditions on screens vary due to display settings and lighting conditions.

Order samples at [focalpointlights.com/Samples](http://focalpointlights.com/Samples)

# Declare.

PET  
Focal Point, LLC

Final Assembly: Chicago, Illinois, USA  
Life Expectancy: 30 Year(s)  
End of Life Options: Salvageable/Reusable in its Entirety,  
Recyclable (100%)

#### Ingredients:

Polyethylene Terephthalate: PET; N,N-Ethylene  
bisstearamide: Octadecanamide, N,N'-1,2-ethanediylbis-;  
Stearic Acid: Stearic Acid; Antioxidant 1076:  
Benzenepropanoic acid, 3,5-bis[(1-dimethylethyl)-4-hydroxy-  
octadecyl ester; Antioxidant KY-405: Benzenamine, 4-(1-  
methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-;  
Titanium Dioxide: Titanium dioxide

#### Living Building Challenge Criteria:

##### I-13 Red List:

- LBC Red List Free % Disclosed: 100% at 100ppm
- LBC Red List Approved VOC Content: Not Applicable
- Declared

##### I-10 Interior Performance: Not Compliant

##### I-14 Responsible Sourcing: Not Applicable

FPL-0001  
EXP. 01 JUN 2026  
Original Issue Date: 2020

INTERNATIONAL LIVING FUTURE INSTITUTE™ [living-future.org/declare](http://living-future.org/declare)

# Declare.

Seem Acoustic Baffles  
Focal Point, LLC

Final Assembly: Chicago, Illinois, USA  
Life Expectancy: 10 Year(s)  
End of Life Options: Recyclable (55%), Landfill (45%)

#### Ingredients:

Polyethylene Terephthalate: UNS G10080 Steel Alloy; Copper;  
Poly(methyl methacrylate; Small Electrical Components - RoHS  
Compliant<sup>1</sup>; Poly(imino(1,6-dioxo-1,6-hexanediyl)imino(1,6-  
hexanediyl); Polyvinyl chloride; Steel, carbon, Zinc; Aluminum;  
Steel manufacture, chemicals, Methyl methacrylate;  
Polyethylene

<sup>1</sup>LBC Temp Exception RL-002 - Small Electrical Components

#### Living Building Challenge Criteria:

##### I-13 Red List:

- LBC Red List Free % Disclosed: 100% at 100ppm
- LBC Red List Approved VOC Content: Not Applicable
- Declared

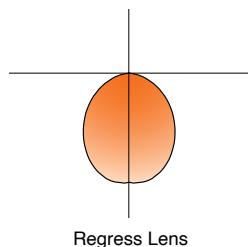
##### I-10 Interior Performance: Not Compliant

##### I-14 Responsible Sourcing: Not Applicable

FPL-0005  
EXP. 01 FEB 2027  
Original Issue Date: 2024

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#### 4' DIAMETER PERFORMANCE CHART

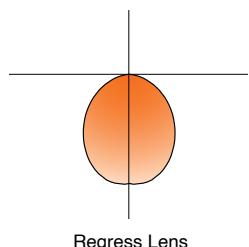


Photometric performance is measured in accordance with IESNA LM-79. Visit [focalpointlights.com](http://focalpointlights.com) for complete photometric data.

Delivered Lumens	Tested System Watts	LPW
600	7.2	85
1200	12.5	98
1800	17.9	101
2400	24.2	102
3000	30.2	100

\*Based on 3500k, 80CRI, 4' lengths. Lumen multipliers: 90 CRI = 0.87. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

#### 6' DIAMETER PERFORMANCE CHART



Photometric performance is measured in accordance with IESNA LM-79. Visit [focalpointlights.com](http://focalpointlights.com) for complete photometric data.

Delivered Lumens	Tested System Watts	LPW
900	9.0	103
1800	15.9	114
2700	23.4	116
3600	31.7	114
4500	40.0	113

\*Based on 3500k, 80CRI, 4' lengths. Lumen multipliers: 90 CRI = 0.87. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.