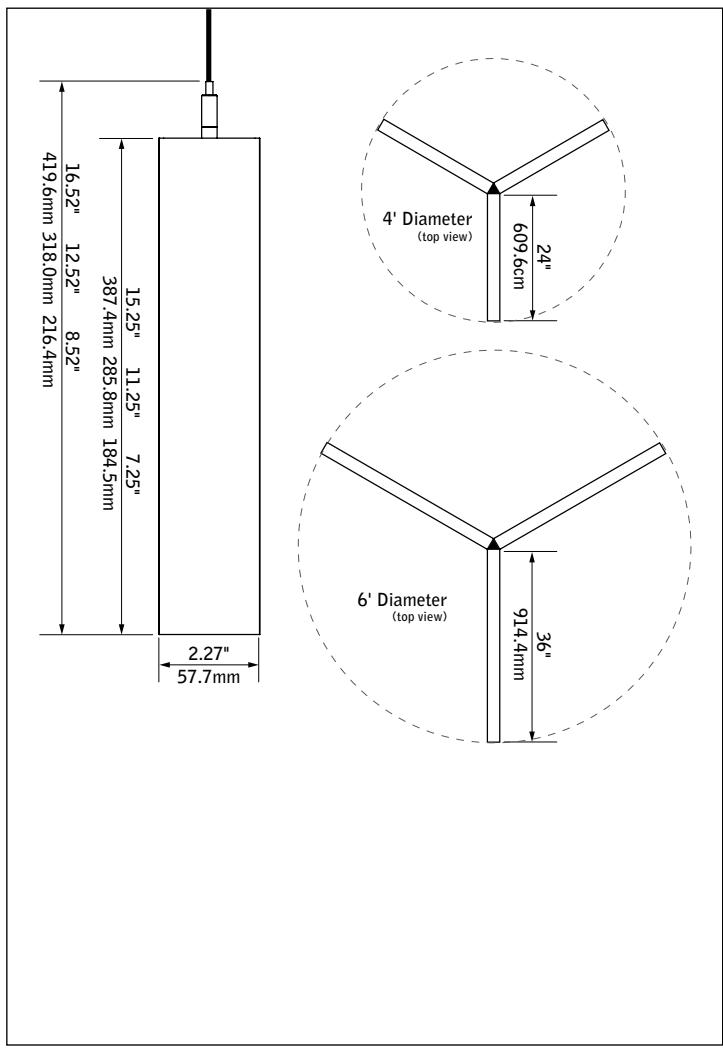


# Seem® 1 Acoustic Trio

LED DIRECT/INDIRECT



## DIMENSIONAL DATA



## FEATURES

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

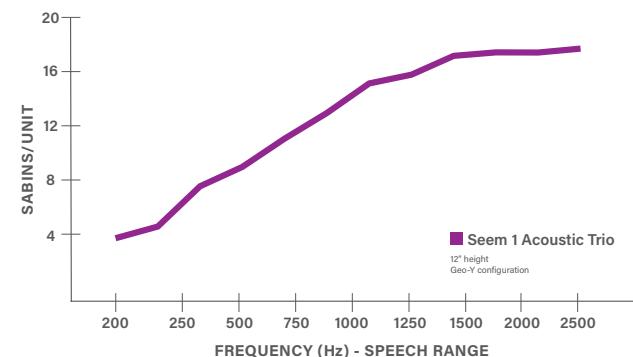
Engineered to maximize sound absorption and to create a statement as a stand-alone pendant, in a cluster or as part of a system when paired with Seem 1 Acoustic.

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

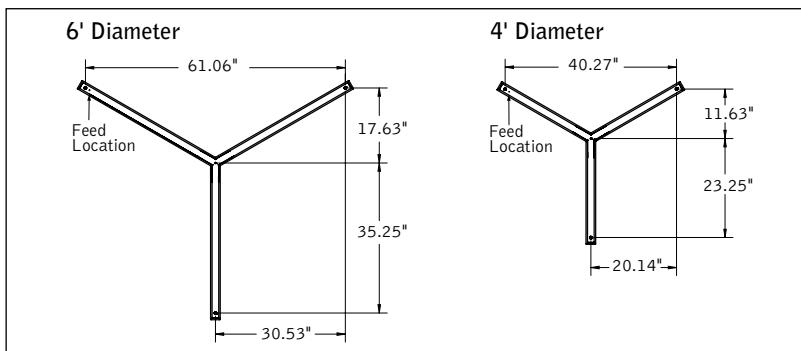
Wide range of color options provides design flexibility and personalization for any project.

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.

**Mounting**

Minimum mounting height 7.5" from the ceiling.

**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 and when mounted no less than 7.5" from the ceiling. 5-year limited warranty.

**PERFORMANCE CHARTS**

<b>ORDERING</b>		<b>ASM1TBP</b>
Seem 1 Acoustic Trio Direct/Indirect		ASM1TBP
<b>Nominal Size</b>		
4' Diameter	4	
6' Diameter	6	
<b>Shielding</b>		
Batwing Optic top/Regress lens bottom	BWRL	
Dust Cover top/Regress lens bottom	DCRL	
<b>Luminaire Height</b>		
(heights are nominal)		
8" nominal	8	
12" nominal	12	
16" nominal	16	
<b>Direct Distribution</b>		
4' Diameter		
600 Lumens	600DN	
1200 Lumens	1200DN	
1800 Lumens	1800DN	
2400 Lumens	2400DN	
3000 Lumens	3000DN	
6' Diameter		
900 Lumens	900DN	
1800 Lumens	1800DN	
2700 Lumens	2700DN	
3600 Lumens	3600DN	
4500 Lumens	4500DN	
<b>Indirect Distribution</b>		
4' Diameter		
750 Lumens	750UP	
1500 Lumens	1500UP	
2250 Lumens	2250UP	
3000 Lumens	3000UP	
3750 Lumens	3750UP	
4800 Lumens	4800UP	
6' Diameter		
1125 Lumens	1125UP	
2250 Lumens	2250UP	
3375 Lumens	3375UP	
4500 Lumens	4500UP	
5625 Lumens	5625UP	
7200 Lumens	7200UP	
<b>Color Temperature</b>		
3000K, 80CRI or 90CRI	30K or 930K	
3500K, 80CRI or 90CRI	35K or 935K	
4000K, 80CRI or 90CRI	40K or 940K	
<b>Circuit</b>		
Single Circuit	1C	
Dual Circuit	2C	
<b>Voltage</b>		
120/277 UNV Volt	UNV	
<b>Control System &amp; Dimming Level</b>		
0-10V - 10% Dimming	LD1	
0-10V - 1% Dimming	L11	
Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming	LH1	
DALI 1% Dimming	D11	
<b>Mounting</b>		
(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)		
<b>Factory Options</b>		
Black Cord	BKCD	
<b>Acoustic Panel Color</b>		
See page 3 for color offering		
(Consult factory for multi-colored units)		

# Acoustic Materials



## COSMIC (25% SCALE)



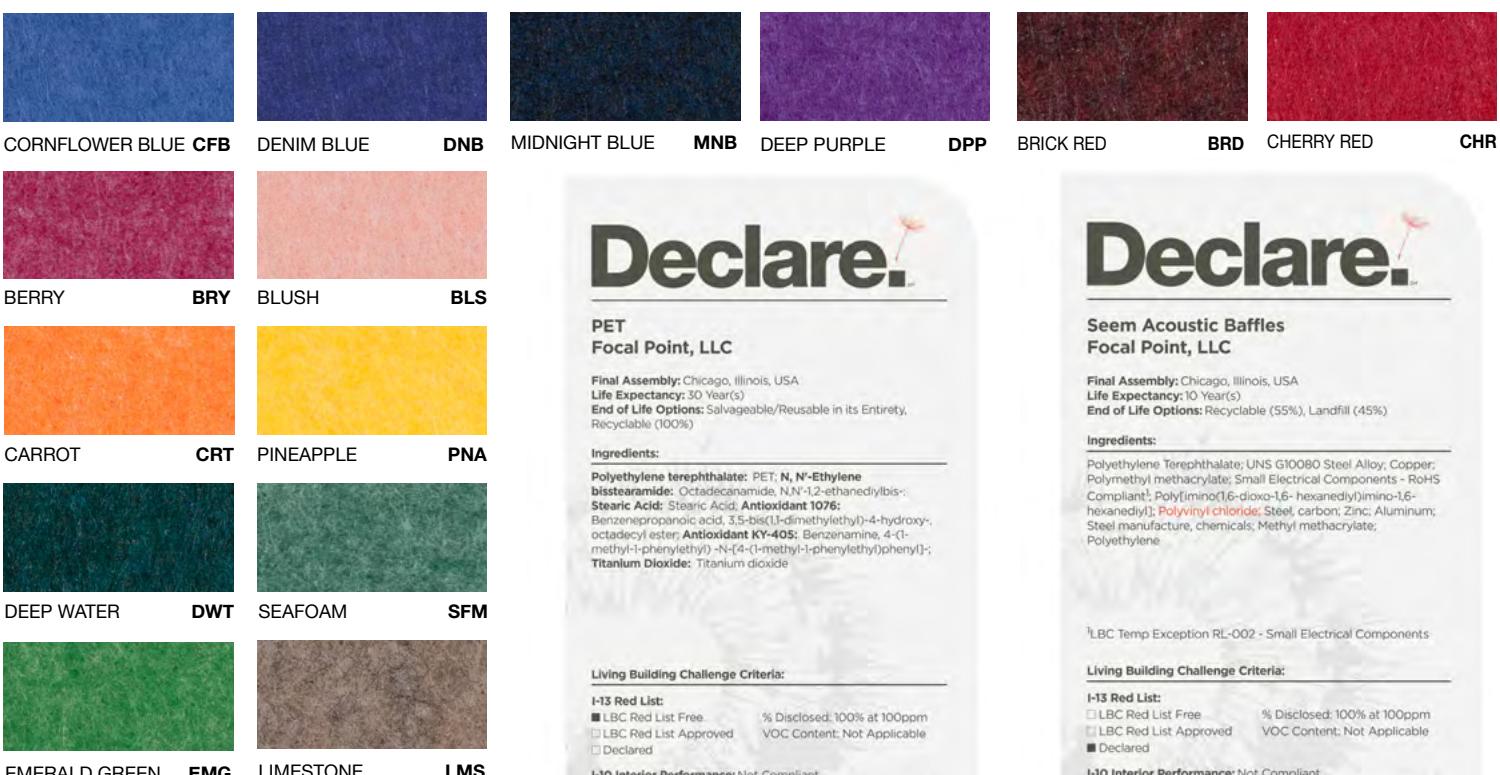
## THE NATURALS (25% SCALE)



## 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
- LBC Red List Approved
- Declared

% Disclosed: 100% at 100ppm

VOC Content: Not Applicable

##### I-10 Interior Performance:

Not Compliant

##### I-14 Responsible Sourcing:

Not Applicable

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

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# 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
- LBC Red List Approved
- Declared

% Disclosed: 100% at 100ppm

VOC Content: Not Applicable

##### I-10 Interior Performance:

Not Compliant

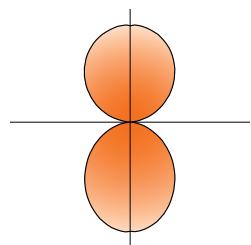
##### I-14 Responsible Sourcing:

Not Applicable

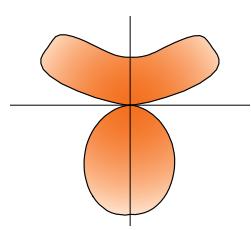
FPL-0005  
EXP. 01 FEB 2027  
Original Issue Date: 2024

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#### 4" DIAMETER PERFORMANCE CHART



Dust Cover/Regress Lens



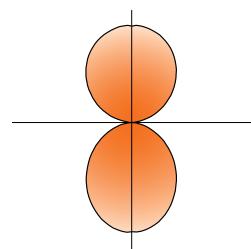
Batwing/Regress Lens

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

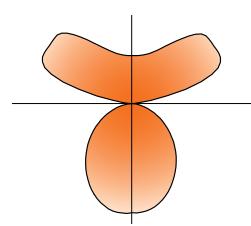
	Direct Distribution	Indirect Distribution	Distribution % (Direct/Indirect)	Total Delivered Lumens	Tested System Watts	LPW
600DN	750UP	44/56	1350	13.8	101	
	1500UP	29/71	2100	18.3	116	
	2250UP	21/79	2850	23.4	124	
	3000UP	17/83	3600	28.2	128	
	3750UP	14/86	4350	34.1	129	
	4500UP	11/89	5400	42.3	128	
1200DN	750UP	62/38	1950	19.4	105	
	1500UP	44/56	2700	23.6	116	
	2250UP	35/65	3450	28.7	122	
	3000UP	29/71	4200	33.5	126	
	3750UP	24/76	4950	39.5	127	
	4500UP	20/80	6000	47.6	126	
1800DN	750UP	71/29	2550	24.6	106	
	1500UP	55/45	3300	29.0	114	
	2250UP	44/56	4050	34.2	120	
	3000UP	38/63	4800	39.0	124	
	3750UP	32/68	5550	44.9	125	
	4500UP	27/73	6600	53.0	125	
2400DN	750UP	76/24	3150	30.8	106	
	1500UP	62/38	3900	35.3	113	
	2250UP	52/48	4650	40.4	118	
	3000UP	44/56	5400	45.2	121	
	3750UP	39/61	6150	51.1	122	
	4500UP	33/67	7200	59.3	123	
3000DN	750UP	80/20	3750	36.9	103	
	1500UP	67/33	4500	41.3	109	
	2250UP	57/43	5250	46.4	114	
	3000UP	50/50	6000	51.2	117	
	3750UP	44/56	6750	57.2	119	
	4500UP	38/62	7800	65.3	119	

\*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



Dust Cover/Regress Lens



Batwing/Regress Lens

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

	Direct Distribution	Indirect Distribution	Distribution % (Direct/Indirect)	Total Delivered Lumens	Tested System Watts	LPW
900DN	1125UP	44/56	2025	17.5	119	
	2250UP	29/71	3150	24.2	133	
	3375UP	21/79	4275	31.4	137	
	4500UP	17/83	5400	39.1	139	
	5625UP	14/86	6525	46.5	140	
	7200UP	11/89	8100	58.7	139	
1800DN	1125UP	62/38	2925	24.3	121	
	2250UP	44/56	4050	31.1	132	
	3375UP	35/65	5175	38.3	136	
	4500UP	29/71	6300	45.9	138	
	5625UP	24/76	7425	53.3	139	
	7200UP	20/80	9000	65.6	138	
2700DN	1125UP	71/29	3825	31.8	121	
	2250UP	55/45	4950	38.6	130	
	3375UP	44/56	6075	45.8	133	
	4500UP	38/63	7200	53.4	135	
	5625UP	32/68	8325	60.8	136	
	7200UP	27/73	9900	73.1	136	
3600DN	1125UP	76/24	4725	40.1	119	
	2250UP	62/38	5850	46.9	126	
	3375UP	52/48	6975	54.0	130	
	4500UP	44/56	8100	61.7	132	
	5625UP	39/61	9225	69.1	133	
	7200UP	33/67	10800	81.3	133	
4500DN	1125UP	80/20	5625	48.5	117	
	2250UP	67/33	6750	55.3	123	
	3375UP	57/43	7875	62.4	127	
	4500UP	50/50	9000	70.1	129	
	5625UP	44/56	10125	77.5	131	
	7200UP	38/62	11700	89.7	131	

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