Seem® 2 Acoustic

LED INDIRECT

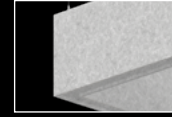FOCAL POINT®
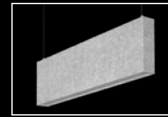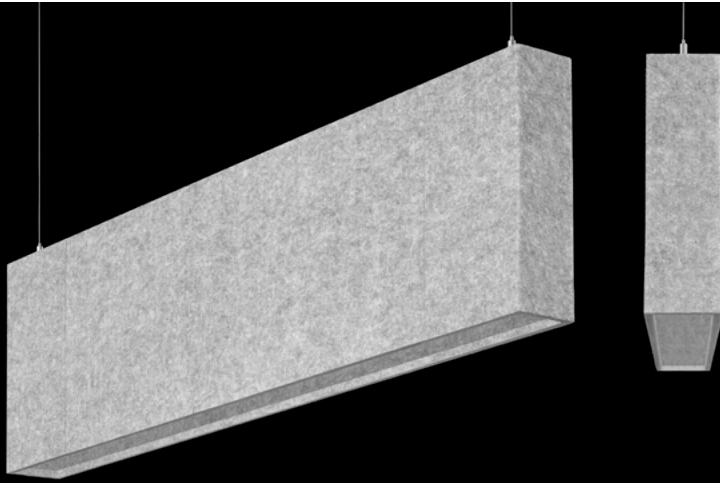
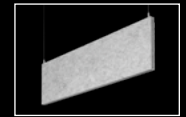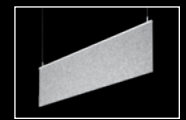Seem 2 Acoustic Unlit companion

90˚ corner detail

'L' pattern

The Naturals collection - Direct companion in Chestnut shown

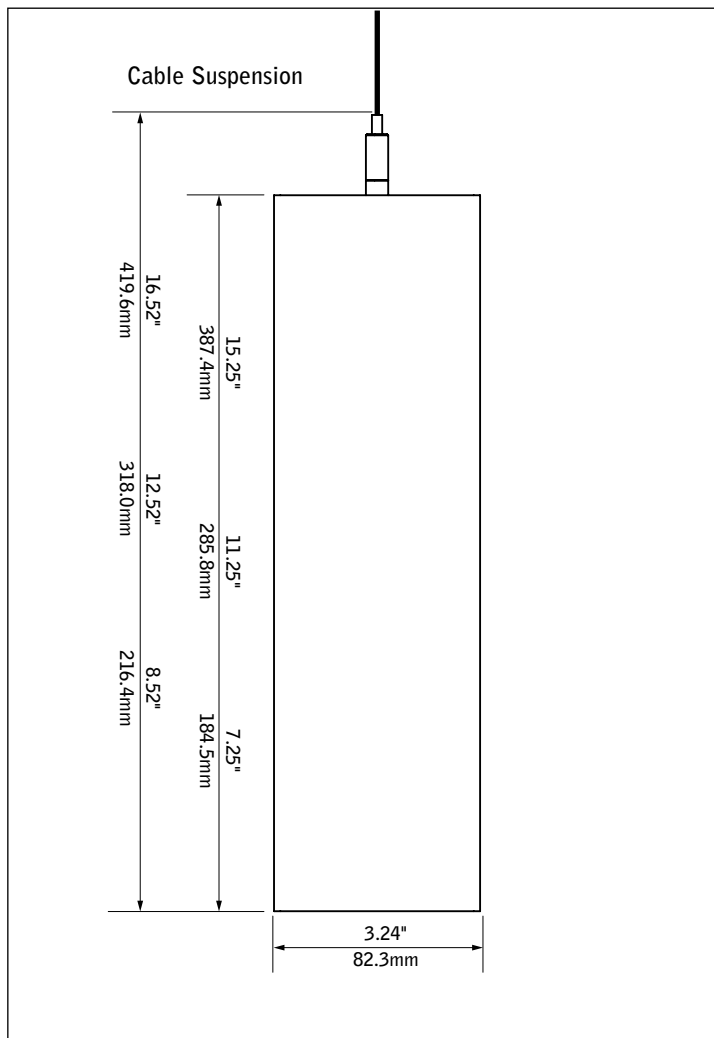AirCore Blade companion

TruBlade companion

DIMENSIONAL DATA

Cable Suspension

16.52" / 419.6mm
15.25" / 387.4mm
12.52" / 318.0mm
11.25" / 285.8mm
8.52" / 216.4mm
7.25" / 184.5mm

3.24" / 82.3mm

FEATURES

2.5" aperture sound absorbing linear indirect LED luminaire.

Available in 3' to 208' lengths in 1" increments with 8", 12" or 16" nominal housing heights in straight lengths or patterns with 90˚ corners.

Indirect batwing optic allows for wide on-center spacing while maintaining ceiling uniformity.

AirCore® Technology: patented, eco-friendly technology that maximizes sound absorption and reduces ecological impact.

Pair with Seem 2 Acoustic unlit baffle, AirCore Blade®, or TruBlade® to create a coordinated look in interior spaces.

Available with The Naturals, a series of finishes that exude biophilic beauty.

ACOUSTIC PERFORMANCE

Seem 2 Acoustic Baffle
12" height
18" on-center

SABINS/UNIT

FREQUENCY (Hz) - SPEECH RANGE
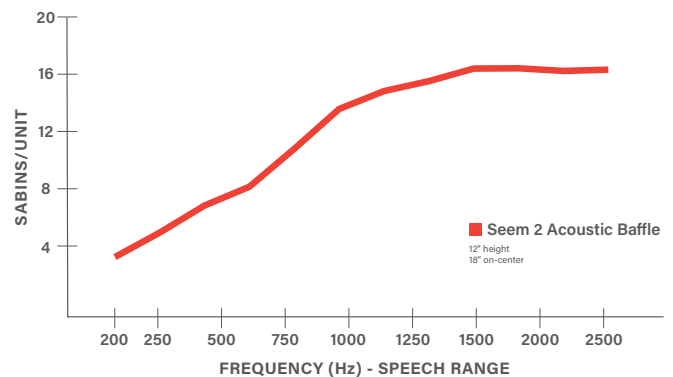
All products were tested in multiple configured arrays. Total absorption will vary based on configuration. Please refer to ASTM C423 reports for more information.

PATTERN DETAILS

Standard Patterns with 90° Corners

'L' Patterns - A'xB'
Order: 8'x6'
Order: 6'x8'

Rectangular Patterns - A'xB'R
Order: 8'x6'R

'U' Patterns - A'xB'xC'
Order: 8'x6'x5'
Order: 8'x6'x5'

Corner Detail

Corners are constructed as 12" x 12" units with mitered lenses and corner suspension points.

Ordering examples assume A=8', B=6' & C=5'

Specify clockwise from start of run.

Start of run is always at first specified run length.

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 focalpointlights.com/acoustic-solutions. 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 Characteristcs	ASTM E84 Class A / CAN ULC S102 Flame Spread: 0, Smoke Development Index: 300

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.
Contact 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. 8' length, 12" height: 12" OC = 10.26 Sabins, 18" OC = 11.67 Sabins, 24" OC = 12.43 Sabins

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 2700K, 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' length = 18.6lbs

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.

Emergency Battery

Emergency output - 10 watts for 90 minutes. Maximum mounting height: 16.83 ft
See EM/EC Guide (page 5) for default locations and ordering details.

Labels

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

Lumen Maintenance

Reported: L70 at >61,000 hours   Calculated: L70 at 470,000 hours
                L90 at >61,000 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.
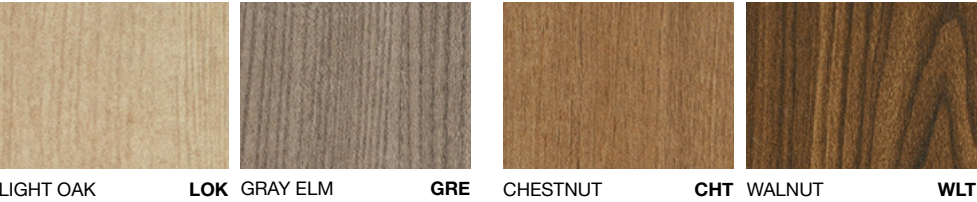
Warranty

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.

4' PERFORMANCE CHART - See page 4

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

ORDERING

Luminaire Series		**ASM2IS**
Seem 2 Acoustic Indirect LED	ASM2IS	
Shielding		_____
Asymmetric Optic Top/Solid Bottom	ASSD	
Dust Cover Top/Solid Bottom	DCSD	
Batwing Top/Solid Bottom	BWSD	
Luminaire Height		_____
(heights are nominal)		
8"	8	
12"	12	
16"	16	
Indirect Lumen Output		_____
200 Lumens per foot	200LF	
300 Lumens per foot	300LF	
400 Lumens per foot	400LF	
500 Lumens per foot	500LF	
700 Lumens per foot	700LF	
900 Lumens per foot	800LF	
1000 Lumens per foot	1000LF	
Color Temperature		_____
2700K, 80CRI **or** 90CRI	27K **or** 927K	
3000K, 80CRI **or** 90CRI	30K **or** 930K	
3500K, 80CRI **or** 90CRI	35K **or** 935K	
4000K, 80CRI **or** 90CRI	40K **or** 940K	
Circuit		**1C**
Single Circuit	1C	
Voltage		**UNV**
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		
Luminaire Length		**ft in**
(Leave blank for patterns. Luminaires are are 3/4" longer than specified and cannot be cut to length or joined in the field.)		
Specify length in 1" increments from 3' to 208'	_ft _in	
(Consult factory for alternate lengths.)		
Pattern Options		_____
(Patterns available with LD1 and L11 drivers only.) (5' minimum leg length for L patterns. 6' minimum leg length for U and Rectangle patterns)		
'L' pattern	A' x B'	
'U' pattern	A' x B' x C'	
Rectangular pattern	A' x B' R	
(Consult factory for other pattern options)		

Seem 2 Acoustic Materials

THE NATURALS (25% SCALE)

LIGHT OAK **LOK**	GRAY ELM **GRE**	CHESTNUT **CHT**	WALNUT **WLT**

STANDARD PET

PURE BLACK **PBK**	CHARCOAL GRAY **CHG**
SLATE **SLT**	SHADOW GRAY **SDG**
SILVER GRAY **SLG**	PEARL ICE **PIC**
CLASSIC WHITE **CWH**	NATURAL LINEN **NTL**
HAZELWOOD **HZW**	

PREMIUM PET

CORNFLOWER BLUE **CFB**	DENIM BLUE **DNB**
MIDNIGHT BLUE **MNB**	DEEP PURPLE **DPP**
BRICK RED **BRD**	CHERRY RED **CHR**
BERRY **BRY**	BLUSH **BLS**
DEEP WATER **DWT**	SEAFOAM **SFM**
EMERALD GREEN **EMG**	PINEAPPLE **PNA**
CARROT **CRT**	CINNAMON **CNM**
LIMESTONE **LMS**	

Declare.

9mm PET Felt
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(1,1-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: Compliant

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: CDPH Standard Method v1.2-2017
I-14 Responsible Sourcing: Not Applicable

FPL-0001
EXP. 01 APR 2025
Original Issue Date: 2020

MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY
INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/declare

---

Declare.

Seem® 2 Acoustic
Focal Point, LLC

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

Ingredients:

Polyethylene Terephthalate; Steel; UNS G1008; Copper; Polymethyl methacrylate; Small Electrical Components - RoHS Compliant[1]; Poly[imino(1,6-dioxo-1,6- hexanediyl)imino-1,6-hexanediyl]; Polyvinyl chloride; Steel, carbon; Zinc; Aluminum; Steel manufacture, chemicals; Methyl methacrylate; Polyethylene

[1]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 Applicable
I-14 Responsible Sourcing: Not Applicable

FPL-0005
EXP. 01 JAN 2026
Original Issue Date: 2024

MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY
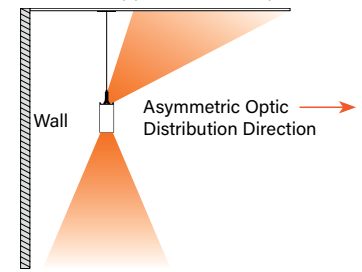INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/declare

4' PERFORMANCE CHART

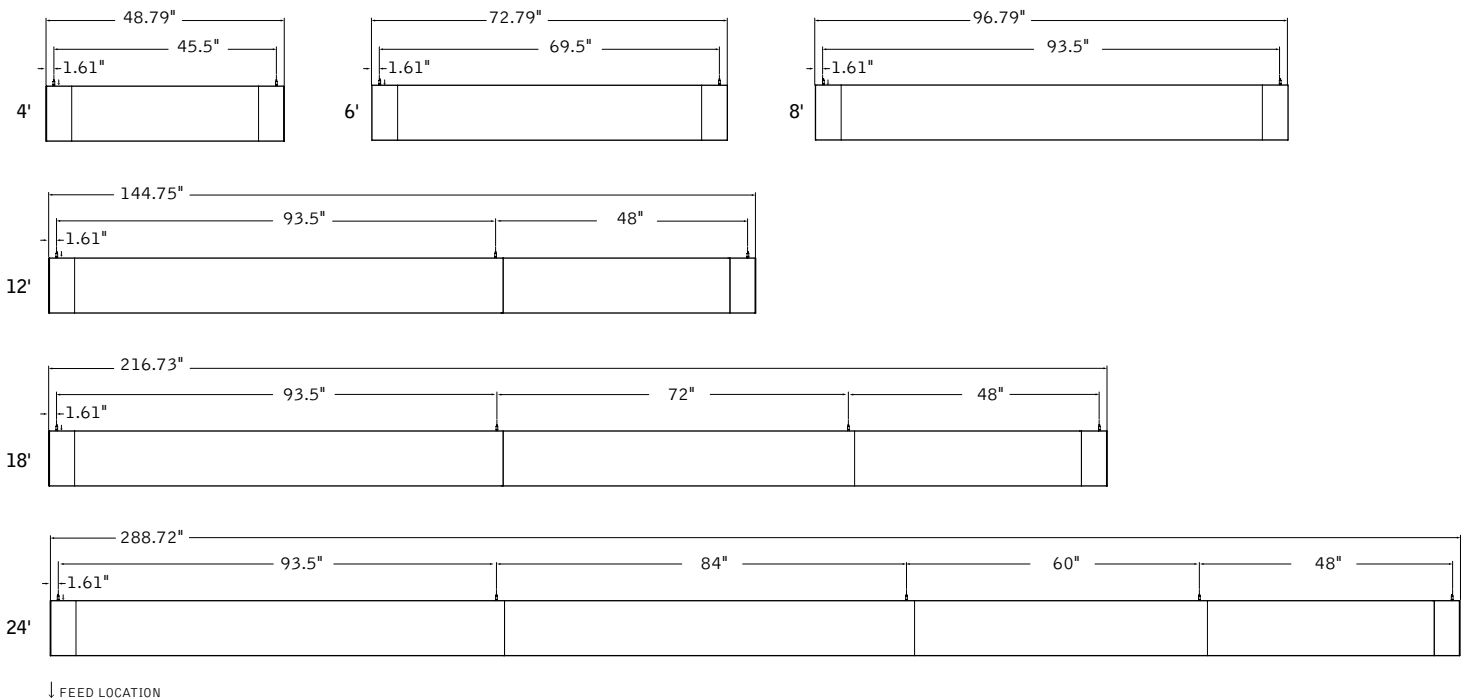| Indirect Lumen Output	Delivered Lumens	Tested System Watts	Lumens per Watt (LPW)		
			AS	BW	DC
200LF	800	7	117	120	121
300LF	1200	10	123	126	127
400LF	1600	12	129	131	133
500LF	2000	15	132	134	136
700LF	2800	21	129	132	134
900LF	3600	27	130	133	135
1000LF	4000	30	130	133	135

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

INDIRECT ASYMMETRIC
Standard Application Example

Wall — Asymmetric Optic Distribution Direction

MOUNTING DETAILS

4' — 48.79" / 45.5" / 1.61"
6' — 72.79" / 69.5" / 1.61"
8' — 96.79" / 93.5" / 1.61"

12' — 144.75" / 93.5" + 48" / 1.61"

18' — 216.73" / 93.5" + 72" + 48" / 1.61"

24' — 288.72" / 93.5" + 84" + 60" + 48" / 1.61"

↓ FEED LOCATION

RUN CHART

Run length (ft)	Housing Configuration Section Lengths	# of hang points per run	Run length (ft)	Housing Configuration Section Lengths	# of hang points per run
9	5 + 4	3	29	8 + 7 + 7 + 7	5
10	6 + 4	3	30	8 + 7 + 7 + 8	5
11	7 + 4	3	31	8 + 7 + 7 + 5 + 4	6
12	8 + 4	3	32	8 + 7 + 7 + 6 + 4	6
13	8 + 5	3	33	8 + 7 + 7 + 7 + 4	6
14	8 + 6	3	34	8 + 7 + 7 + 7 + 5	6
15	8 + 7	3	35	8 + 7 + 7 + 7 + 6	6
16	8 + 8	3	36	8 + 7 + 7 + 7 + 7	6
17	8 + 5 + 4	4	37	8 + 7 + 7 + 7 + 8	6
18	8 + 6 + 4	4	38	8 + 7 + 7 + 7 + 5 + 4	7
19	8 + 7 + 4	4	39	8 + 7 + 7 + 7 + 6 + 4	7
20	8 + 7 + 5	4	40	8 + 7 + 7 + 7 + 7 + 4	7
21	8 + 7 + 6	4	41	8 + 7 + 7 + 7 + 7 + 5	7
22	8 + 7 + 7	4	42	8 + 7 + 7 + 7 + 7 + 6	7
23	8 + 7 + 8	4	43	8 + 7 + 7 + 7 + 7 + 7	7
24	8 + 7 + 5 + 4	5	44	8 + 7 + 7 + 7 + 7 + 8	7
25	8 + 7 + 6 + 4	5	45	8 + 7 + 7 + 7 + 7 + 5 + 4	8
26	8 + 7 + 7 + 4	5	46	8 + 7 + 7 + 7 + 7 + 6 + 4	8
27	8 + 7 + 7 + 5	5	47	8 + 7 + 7 + 7 + 7 + 7 + 4	8
28	8 + 7 + 7 + 6	5	48	8 + 7 + 7 + 7 + 7 + 7 + 5	8

Standard run configurations, consult factory for custom configurations and longer run lengths.