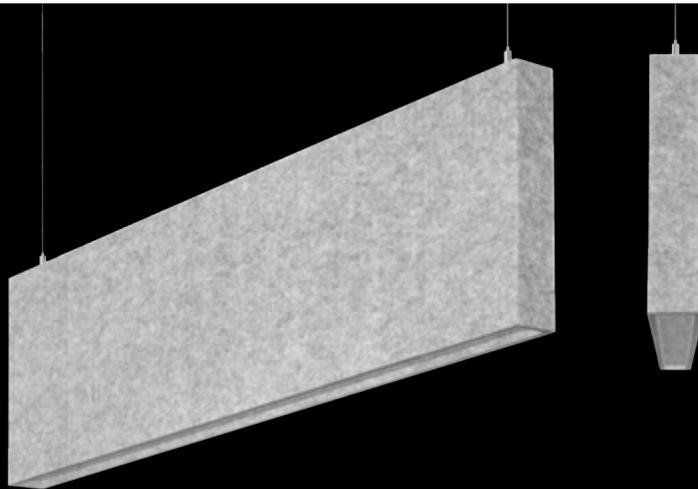


Seem[®] 1 Acoustic

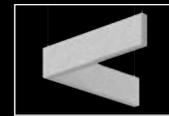
LED INDIRECT



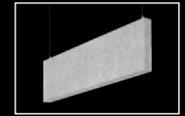
FOCAL POINT[®]



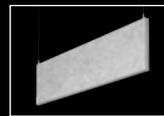
90° corner detail



'L' pattern



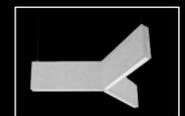
Seem 1 Acoustic Unlit companion



AirCore Blade companion

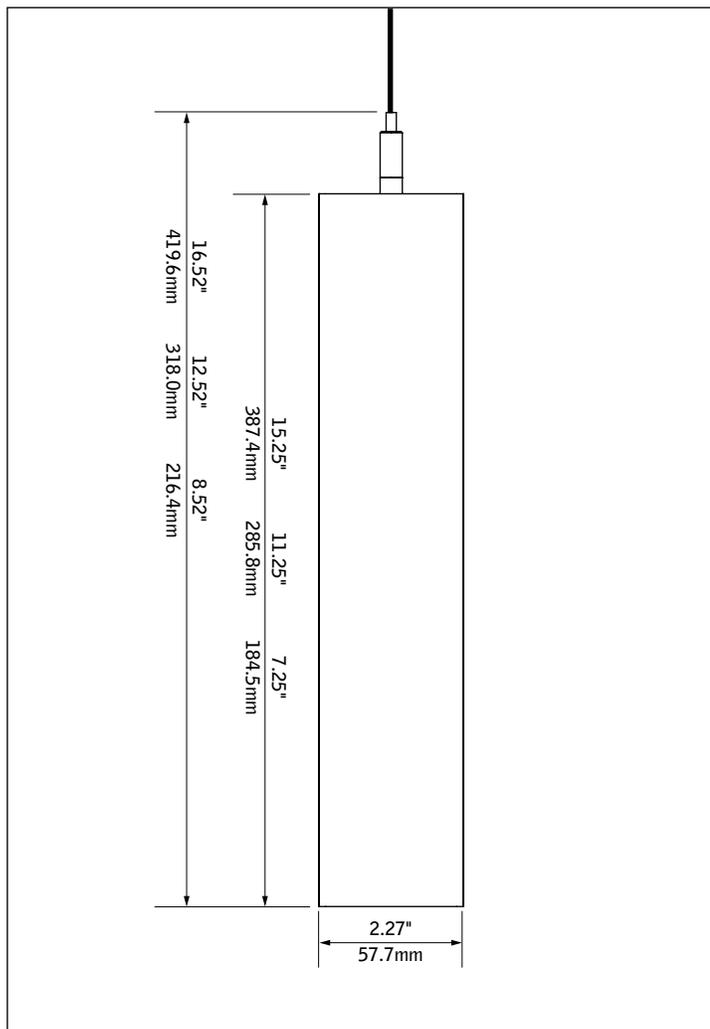


TruBlade companion



Seem 1 Acoustic Trio companion

DIMENSIONAL DATA



FEATURES

Narrow, sound absorbing 1.5" aperture linear indirect acoustic LED luminaire.

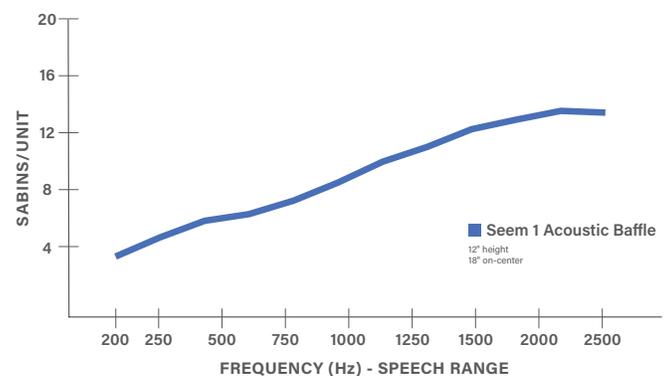
Available in 3' to 208' lengths in 1" increments with 8", 12" or 16" nominal housing heights. in straight lengths or patterns with 90° corners.

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 1 Acoustic unlit baffle, Seem 1 Acoustic Trio, AirCore Blade[®], or TruBlade[®] to create a coordinated look in interior spaces.

ACOUSTIC PERFORMANCE

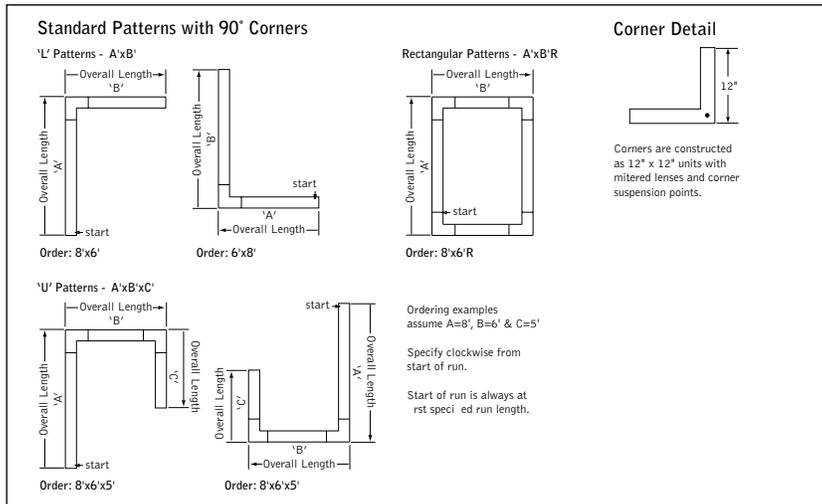


All products were tested in multiple configured arrays. Total absorption will vary based on configuration. Please refer to ASTM C423 reports for more information.

fixture:

project:

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 focalpointlights.com/acousticsolutions. 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

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 = 5.08 Sabins, 18" OC = 9.05 Sabins, 24" OC = 9.46 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 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 = 10.75lbs. 12" height, 6' length = 16.13lbs. 12" height, 8' length = 21.5lbs.

Optic

Reflector fabricated of 22 Ga. steel finished in Matte White powder coat. 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

ETL listed in accordance with UL standards. 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.

ORDERING

Luminaire Series	ASM1S
Seem 1 Acoustic Indirect LED	ASM1S
Shielding	
Batwing Top/Solid Bottom	BWSD
Dust Cover Top/Solid Bottom	DCSD
Luminaire Height (heights are nominal)	
8"	8
12"	12
16"	16

Lumen Output

125 Lumens per foot	125LF
<small>(4' minimum. Consult factory for Lutron & DALI)</small>	
250 Lumens per foot	250LF
375 Lumens per foot	375LF
500 Lumens per foot	500LF
625 Lumens per foot	625LF
800 Lumens per foot	800LF

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

Luminaire Length

(Leave blank for patterns. Luminaires 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)

Acoustic Material Colors



STANDARD COLORS



PREMIUM COLORS*



*Contact factory for lead time and pricing.

Declare.

9mm PET Felt
Focal Point, LLC

Final Assembly: Chicago, Illinois, USA
Life Expectancy: 50 Year(s)
End of Life Options: Salvageable/Reusable in its Entirety, Recyclable (100%)

Ingredients:

Polyethylene terephthalate (PET; N, N'-Ethylene bisstearamide; Octadecanamide, N,N'-[2-ethanediyloxy]; Stearic Acid; Stiboric Acid; Antioxidant 1076; Benzenepropionic acid, 3,5-bis(3-dimethylethyl-4-hydroxy)-octadecyl ester; Antioxidant KY-405; Benzocaine, 4-(3-methyl-2-phenylacetyl)-N-(4-(1-methyl-1-phenylethoxy)phenyl); Titanium Dioxide; Titanium Dioxide

Living Building Challenge Criteria: Compliant

I-13 Red List:

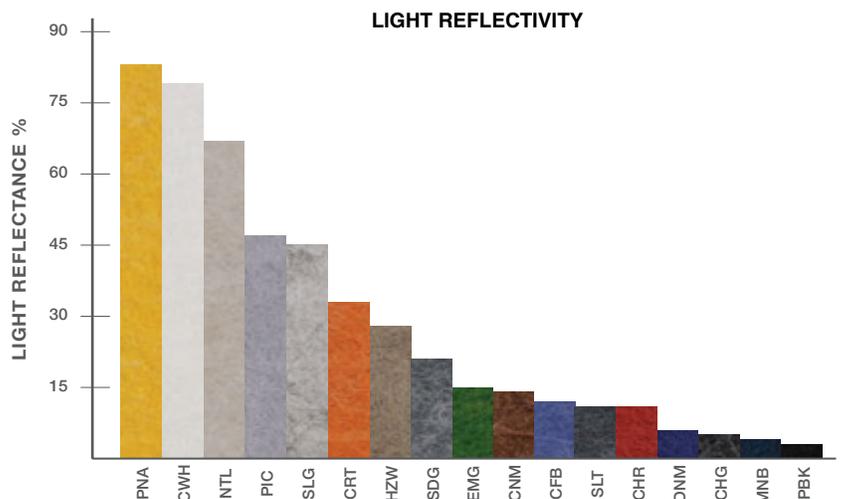
- LBC Red List Free % Disclosed: 100% at 100ppm
- LBC Red List Approved VOC Content: Not Applicable
- Declared

I-30 Interior Performance: COPH Standard Method v11-2010

I-14 Responsible Sourcing: Not Applicable

FPL-0001
EXP 01 MAR 2024
Original Issue Date: 2020

INTERNATIONAL LIVING FUTURE INSTITUTE™ livingfuture.org/declare

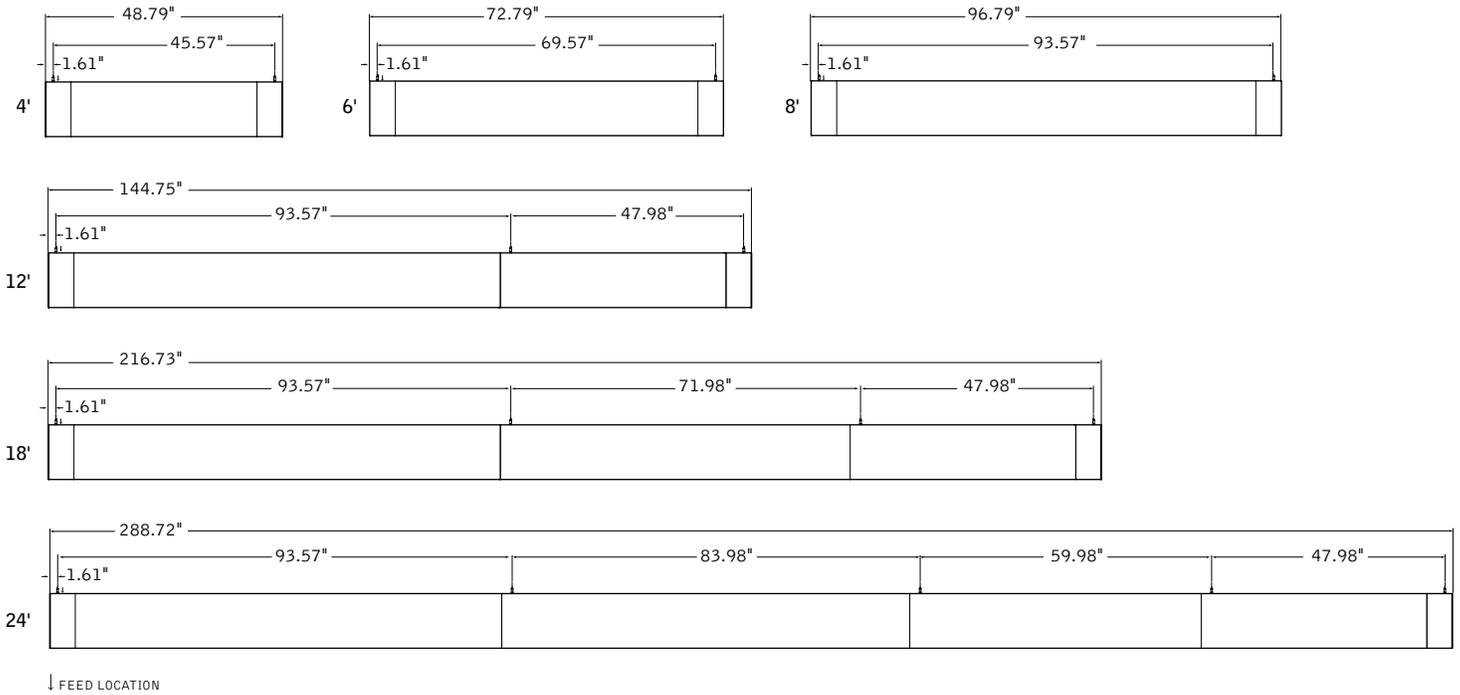


4' PERFORMANCE CHART

Indirect Lumen Output	Delivered Lumens	Tested System Watts	Lumens per Watt (LPW)	
			BW	DC
125LF	500	7	91	96
250LF	1000	8	118	123
375LF	1500	12	130	130
500LF	2000	15	134	134
625LF	2500	18	136	136
800LF	3200	24	133	133

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

MOUNTING DETAILS



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