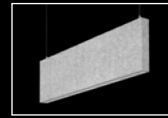
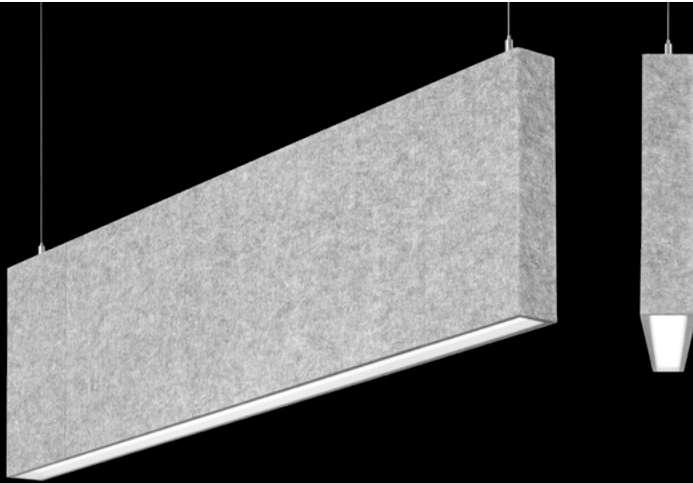
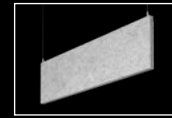


Seem® 1 Acoustic

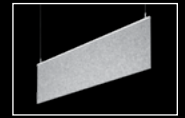
LED DIRECT/INDIRECT



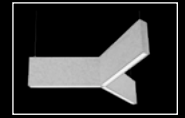
Seem 1 Acoustic
Unlit companion



AirCore Blade
companion

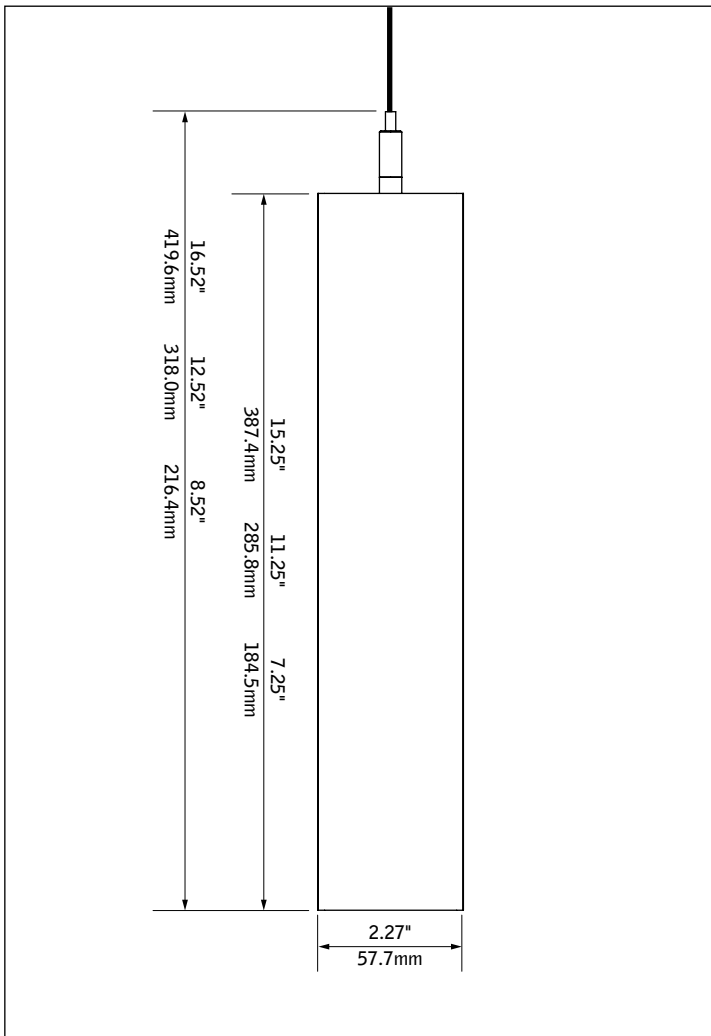


TruBlade
companion



Seem 1 Acoustic
Trio companion

DIMENSIONAL DATA



FEATURES

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

Available in 4' to 208' lengths in 1' increments with 8", 12" or 16" nominal housing heights.

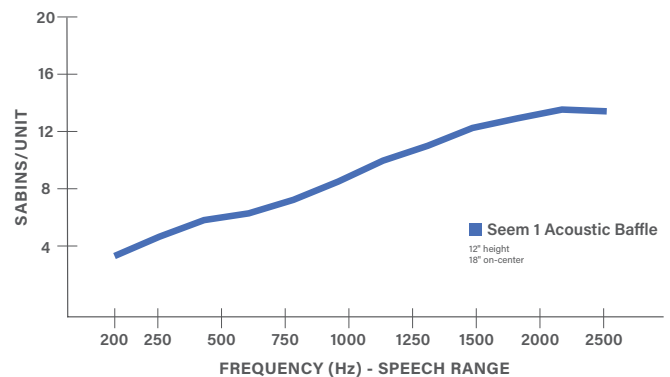
Frosted acrylic lens provides uninterrupted illumination, without pixels or shadows.

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

AirCore™, patent pending, 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:

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
NRC	Noise Reduction Coefficient (NRC) is the average of how absorptive a material is at various frequencies within the human speech frequency range. Two materials with the same rating may not perform the same in application. Typically, an NRC of 0 indicates perfect reflection, and an NRC of 1 is designated as perfect absorption. However, based on the testing methodology and depending upon the material's shape or surface area products can test at an NRC greater than 1. NRC = 1.05

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 = 13.38lbs. 12" height, 6' length = 19.51lbs. 12" height, 8' length = 25.64lbs.

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

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 75" from the ceiling. 5-year limited warranty.

4' PERFORMANCE CHART

See page 4

ORDERING		ASM1BS
Luminaire Series		
Seem 1 Acoustic Direct/Indirect LED	ASM1BS	
Shielding		
Batwing Optic Top/Asymmetric Wall		
Wash Bottom	BWAS	
Batwing Optic Top/Batwing Lens Bottom	BWBW	
Batwing Optic Top/Regress Lens	BWRL	
Dust Cover Top/Asymmetric Wall Wash		
Bottom	DCAS	
Dust Cover Top/Batwing Lens Bottom	DCBW	
Dust Cover Top/Regress Lens	DCRL	
Luminaire Height		
(heights are nominal)		
8"	8"	
12"	12"	
16"	16"	
Direct Distribution		
100 Lumens per foot	100DN	
(Consult factory for Lutron & DALI)		
200 Lumens per foot	200DN	
300 Lumens per foot	300DN	
400 Lumens per foot	400DN	
500 Lumens per foot	500DN	
Indirect Distribution		
125 Lumens per foot	125UP	
(Consult factory for Lutron & DALI)		
250 Lumens per foot	250UP	
375 Lumens per foot	375UP	
500 Lumens per foot	500UP	
625 Lumens per foot	625UP	
800 Lumens per foot	800UP	
(Not available with DT1)		
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	
Dual Circuit	2C	
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) -	LH1	
1% Dimming		
Lutron 5-Series EcoSystem (LDE5) -	LU5	
5% Dimming		
DALI 1% Dimming	D11	
Mounting		
(Mounting hang kits ship with order. Power cable is 18" longer than suspension length. Consult factory for longer power cable lengths.)		
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	
Emergency Circuit	_EC	
Emergency Battery Pack	_EM	
(6' minimum length. Consult factory for available options.)		
Acoustic Panel Color		
See page 3 for color offering		
Luminaire Length		
(Luminaires are 3/4" longer than specified and cannot be cut to length in the field. Individual lengths cannot be joined in the field.)		
Specify length in 1' increments	__ft	
from 4' to 208'		

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: 30 Years
End of Life Options: Salvageable/Reusable in its Entirety, Recyclable (100%)

Ingredients:

PET; Octadecanamide, N,N'-1,2-ethanediylbis-; Stearic Acid; Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-; Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, octadecyl ester; Titanium dioxide

Living Building Challenge Criteria: Compliant

I-13 Red List:

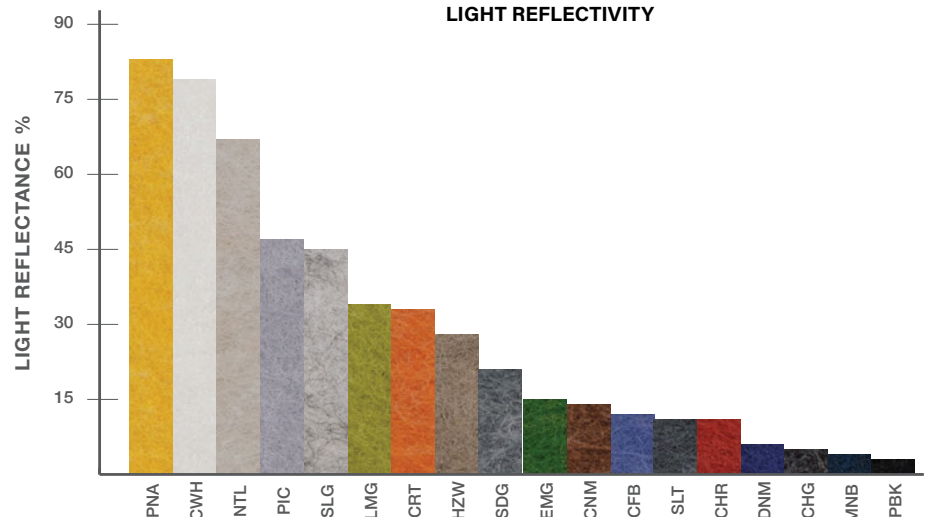
☒ LBC Red List Free % Disclosed: 100% at 100ppm
☐ LBC Red List Approved VOC Content: Not Applicable
☐ Declared

I-10 Interior Performance: CDPH Standard Method v1.1-2010
I-14 Responsible Sourcing: Not Applicable







FPL-0001
EXP. 01 FEB 2022
Original Issue Date: 2020

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

LIGHT REFLECTIVITY

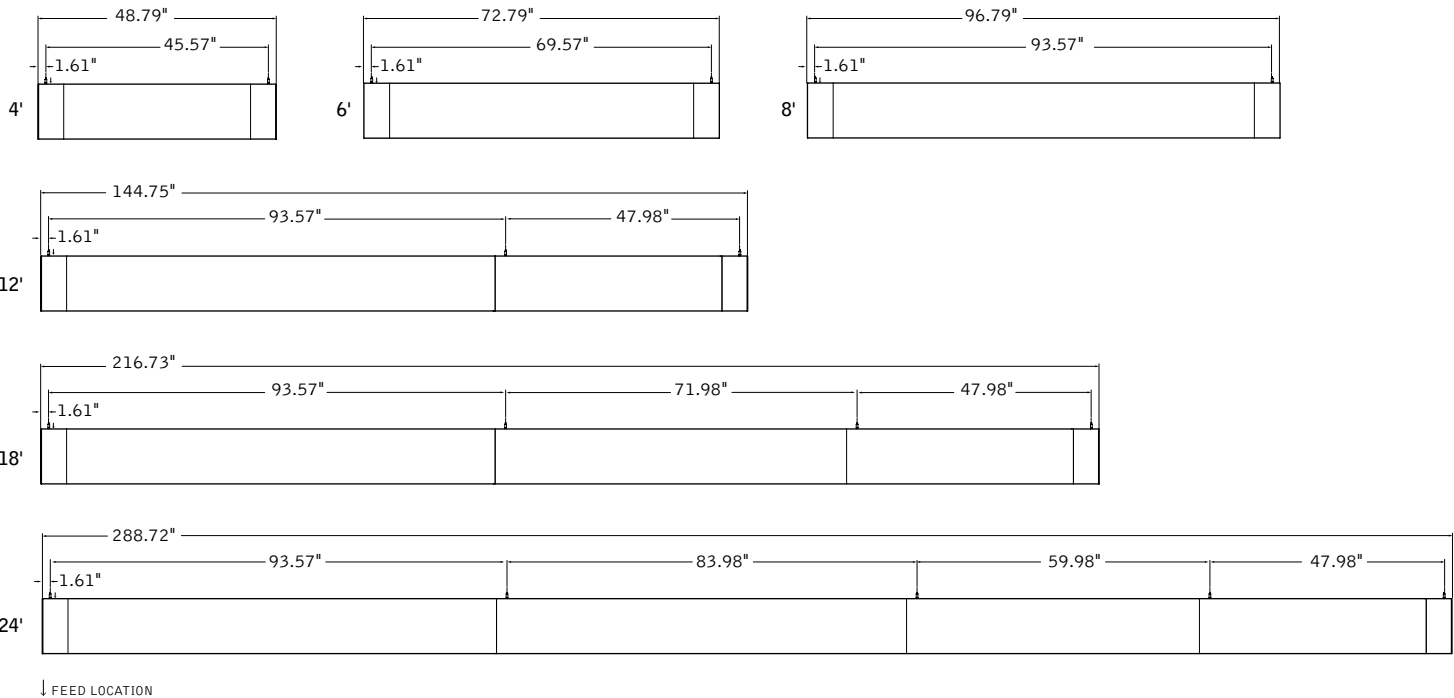


4' PERFORMANCE CHART - BATWING OPTIC TOP/REGRESS LENS BOTTOM

					Lumens per Watt (LPW)					
Direct Distribution	Indirect Distribution	Distribution % (Direct/Indirect)	Total Delivered Lumens	Tested System Watts						
					BWRL	BWAS	BWBW	DCRL	DCAS	DCBW
100DN	125UP	44/56	900	11.4	79	89	86	85	92	89
	250UP	29/71	1400	14.9	94	103	100	100	105	103
	375UP	21/79	1900	18.4	103	109	107	108	112	111
	500UP	17/83	2400	21.6	111	116	114	116	119	118
	625UP	14/86	2900	25.5	114	119	117	119	123	121
	800UP	11/89	3600	32.0	113	118	117	119	122	120
200DN	125UP	62/38	1300	15.2	85	97	92	90	100	95
	250UP	44/56	1800	18.7	96	107	103	101	109	105
	375UP	35/65	2300	22.2	103	112	108	108	114	111
	500UP	29/71	2800	25.4	110	117	114	114	120	117
	625UP	24/76	3300	29.4	112	119	117	118	123	120
	800UP	20/80	4000	35.8	112	118	116	118	122	120
300DN	125UP	71/29	1700	18.8	90	102	96	95	104	98
	250UP	55/45	2200	22.3	99	110	105	103	111	106
	375UP	44/56	2700	25.8	105	113	109	109	116	111
	500UP	38/63	3200	29.0	110	118	114	114	120	116
	625UP	32/68	3700	32.9	112	120	116	117	123	119
	800UP	27/73	4400	39.4	112	119	116	117	122	119
400DN	125UP	76/24	2100	23.0	91	106	99	96	108	101
	250UP	62/38	2600	26.5	98	112	106	103	113	107
	375UP	52/48	3100	30.1	103	115	110	107	117	112
	500UP	44/56	3600	33.2	108	118	114	112	121	116
	625UP	39/61	4100	37.2	110	120	116	115	123	119
	800UP	33/67	4800	43.6	110	119	116	116	122	118
500DN	125UP	80/20	2500	27.1	92	109	102	97	110	103
	250UP	67/33	3000	30.6	98	113	107	103	115	108
	375UP	57/43	3500	34.2	102	116	110	107	117	112
	500UP	50/50	4000	37.3	107	119	114	111	121	116
	625UP	44/56	4500	41.3	109	120	116	114	123	118
	800UP	38/62	5200	47.7	109	119	115	114	122	118

*Based on 3500k, 80CRI, 4' lengths. Lumen multipliers: Dust Cover Top = 1.23, 90 CRI = 0.87. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

MOUNTING DETAILS (see Run Chart on following page for number of hang points per run)

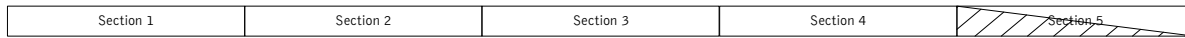


Seem® 1 Acoustic

DEFAULT LOCATIONS

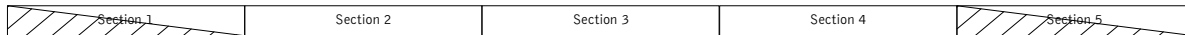
- By default, EM/EC are located at the end (last section) of a run when one EM/EC location is specified, and at the start and end when two locations are specified.
- Feed location is at start of run. All EC's are fed individually at the end of each fixture segment.
- EM illuminates entire sections - **ASM1S**: 4' to 8' in length, **ASM1BS**: 6' to 8' in length (Direct Only).
- EC illuminates entire sections 3' to 8' in length (Direct Only).

1 EM/EC – END OF RUN



Ordering example: ASM1S-RL... **1EM-WH-36ft**

2 EM/EC – START & END OF RUN

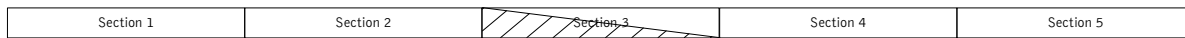


Ordering example: ASM1S-RL... **2EM-WH-36ft**

ALTERNATE LOCATIONS AND QUANTITIES

- If more than two locations are required, or specific locations within run need to be specified, indicate in the ordering string.

ONE EM IN 3RD SECTION



Ordering example: ASM1S-RL... **1EM-3-WH-36ft**

THREE EM IN 1ST, 3RD AND 6TH SECTIONS



Ordering example: ASM1S-RL... **3EM-1-3-6-WH-44ft**

CUSTOM LENGTHS

- If partial illumination of emergency section is required, please contact acoustic.solutions@focalpointlights.com for details.
- Longer lead times may apply.

Run length (ft)	Housing Configuration Section Lengths	# of hang points per run
9	5 + 4	3
10	6 + 4	3
11	7 + 4	3
12	8 + 4	3
13	8 + 5	3
14	8 + 6	3
15	8 + 7	3
16	8 + 8	3
17	8 + 5 + 4	4
18	8 + 6 + 4	4
19	8 + 7 + 4	4
20	8 + 7 + 5	4
21	8 + 7 + 6	4
22	8 + 7 + 7	4
23	8 + 7 + 8	4
24	8 + 7 + 5 + 4	5
25	8 + 7 + 6 + 4	5
26	8 + 7 + 7 + 4	5
27	8 + 7 + 7 + 5	5
28	8 + 7 + 7 + 6	5

Run length (ft)	Housing Configuration Section Lengths	# of hang points per run
29	8 + 7 + 7 + 7	5
30	8 + 7 + 7 + 8	5
31	8 + 7 + 7 + 5 + 4	6
32	8 + 7 + 7 + 6 + 4	6
33	8 + 7 + 7 + 7 + 4	6
34	8 + 7 + 7 + 7 + 5	6
35	8 + 7 + 7 + 7 + 6	6
36	8 + 7 + 7 + 7 + 7	6
37	8 + 7 + 7 + 7 + 8	6
38	8 + 7 + 7 + 7 + 5 + 4	7
39	8 + 7 + 7 + 7 + 6 + 4	7
40	8 + 7 + 7 + 7 + 7 + 4	7
41	8 + 7 + 7 + 7 + 7 + 5	7
42	8 + 7 + 7 + 7 + 7 + 6	7
43	8 + 7 + 7 + 7 + 7 + 7	7
44	8 + 7 + 7 + 7 + 7 + 8	7
45	8 + 7 + 7 + 7 + 7 + 5 + 4	8
46	8 + 7 + 7 + 7 + 7 + 6 + 4	8
47	8 + 7 + 7 + 7 + 7 + 7 + 4	8
48	8 + 7 + 7 + 7 + 7 + 7 + 5	8

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