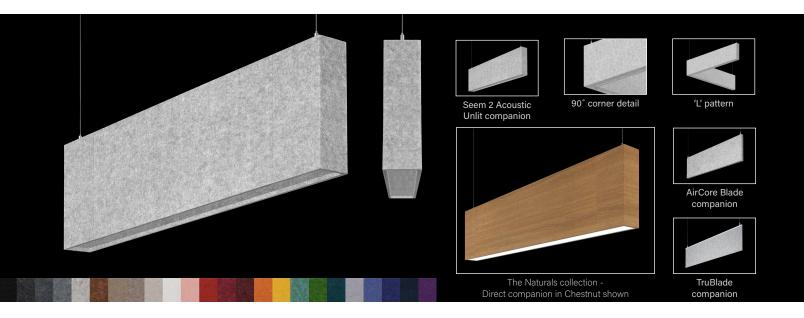
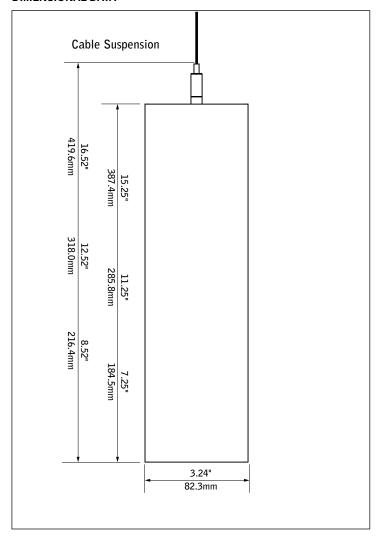
Seem® 2 Acoustic





DIMENSIONAL DATA



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.

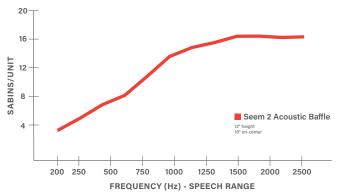
Indirect batwing optic allows for wide on-center spacing while maintaining ceiling uniformity.

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

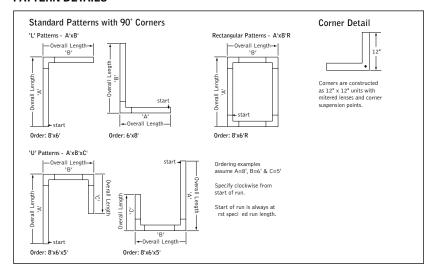
Pair with Seem 2 Acoustic unlit baffle, AirCore Blade®, or TruBlade® to create a coordinated look in interior spaces.

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

ACOUSTIC PERFORMANCE



PATTERN 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/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	ASTM E84 Class A / CAN ULC S102
Characteristcs	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 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

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.

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.

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		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		
3000K, 80CRI or 90CRI	30K or 930K	
3500K, 80CRI or 90CRI	35K or 935K	
4000K, 80CRI or 90CRI	40K or 940K	
Circuit	10	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) -	LH1	
1% Dimming		
DALI 1% Dimming	D11	
Mounting		
(Mounting hang kits ship with order. Power cable is		

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

(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

Acoustic Materials



FOCAL POINTS

DPP

BLS

THE NATURALS (25% SCALE)

HAZELWOOD

HZW

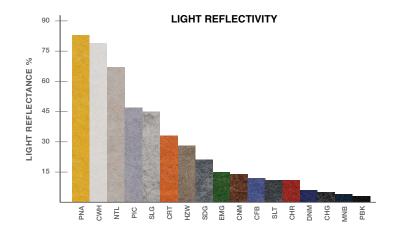


STANDARD PET **PREMIUM PET** PURE BLACK PBK CHARCOAL GRAY CHG **DNB** MIDNIGHT BLUE MNB DEEP PURPLE CORNFLOWER BLUE CFB DENIM BLUE SLATE **SLT** SHADOW GRAY SDG CHR BERRY BRICK RED **BRD** CHERRY RED BRY BLUSH SILVER GRAY SLG PEARLICE PIC DEEP WATER **DWT** SEAFOAM **SFM** EMERALD GREEN CLASSIC WHITE **CWH** NATURAL LINEN NTL CARROT CRT PINEAPPLE **PNA** 9mm PET Felt **Focal Point, LLC**

CNM LIMESTONE

LMS

CINNAMON



Pocal 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-ethanediyibis-; Stearic Acid: Stearic Acid: Antioxidant 1076: Benznenepropanoic acid. 3,5-bis(1)-dimethylethyl)-4-hydroxy-, octadecyl ester; Antioxidant XY-405: Benzenamine, 4-(1methyl-1-phenylethyl) -N-[4-(1-methyl-1-phenylethyl)phenyl]-; Titanium Dioxide: Titanium clioxide Living Building Challenge Criteria: Compliant I-13 Red List: ■ LBC Red List Free □ LBC Red List Free □ LBC Red List Free □ LBC Red List Poproved □ Declared I-10 Interior Performance: CDPH Standard Method v1.1-2010 I-14 Responsible Sourcing: Not Applicable FPL-0001 EXP 01 MAR 2024 Original Issue Date: 2020 MANUACCURER RESPONSEE FOR LABEL ACCIBACY INTERNATIONAL LIVING FUTURE INSTITUTE* Ming-future.org/declare

4' PERFORMANCE CHART

			Lumens per Watt (LPW)		
Indirect Lumen Output	Delivered Lumens	Tested System Watts			
			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

INDIRECT ASYMMETRIC

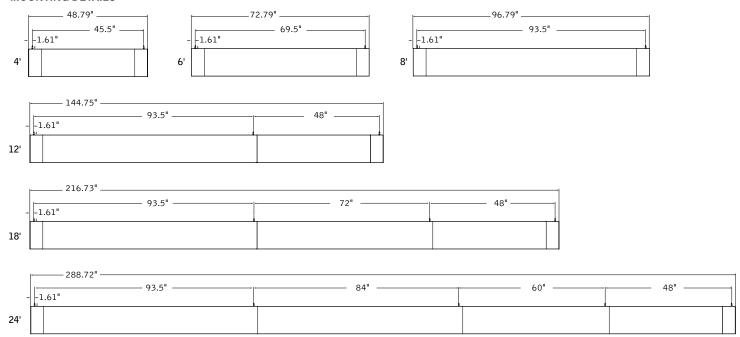
Standard Application Example

Asymmetric Optic

Distribution Direction

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

MOUNTING DETAILS



 $\downarrow \texttt{FEED LOCATION}$

RUN CHART

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+4	7
41	8 + 7 + 7 + 7 + 7 + 5	7
42	8+7+7+7+6	7
43	8+7+7+7+7+7	7
44	8+7+7+7+8	7
45	8+7+7+7+7+5+4	8
46	8+7+7+7+6+4	8
47	8+7+7+7+7+4	8
48	8+7+7+7+7+5	8

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