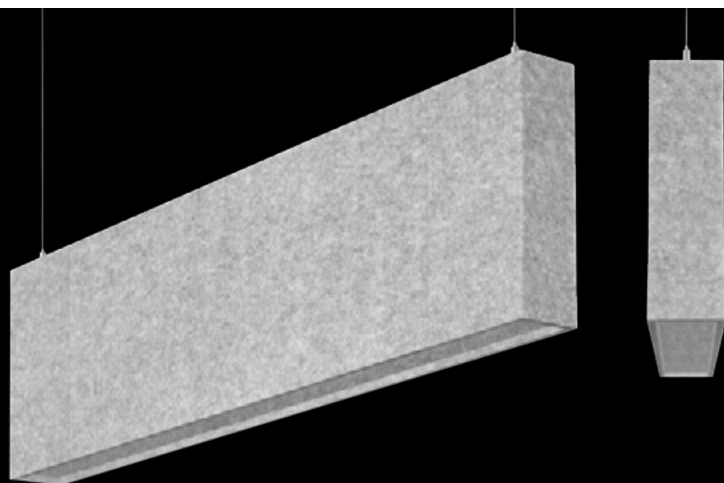
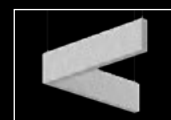


# Seem® 2 Acoustic

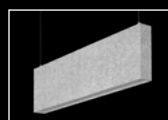
LED INDIRECT



90° corner detail



'L' pattern



Seem 2 Acoustic  
Unlit companion

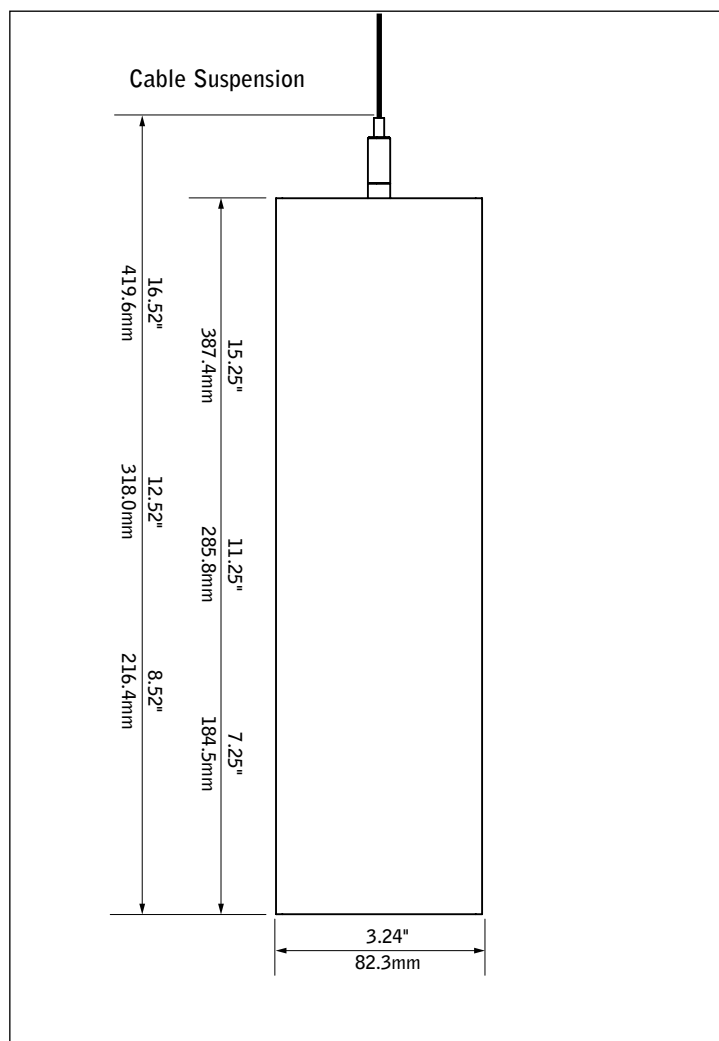


AirCore Blade  
companion



TruBlade  
companion

## DIMENSIONAL DATA



## FEATURES

2.5" aperture sound absorbing linear indirect LED luminaire.

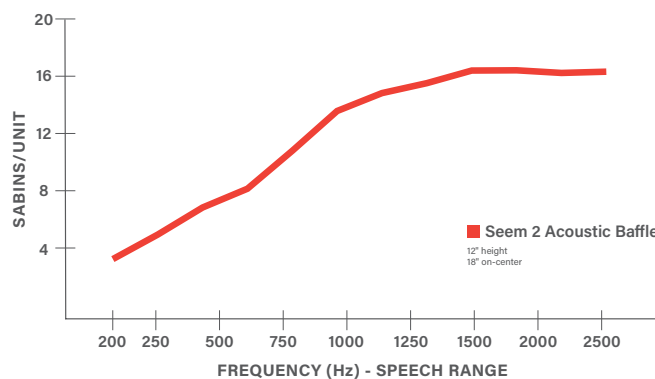
Available in 3' to 208' lengths in 1" increments with 8", 12" or 16" nominal housing heights in straight lengths or patterns with 90° corners.

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.

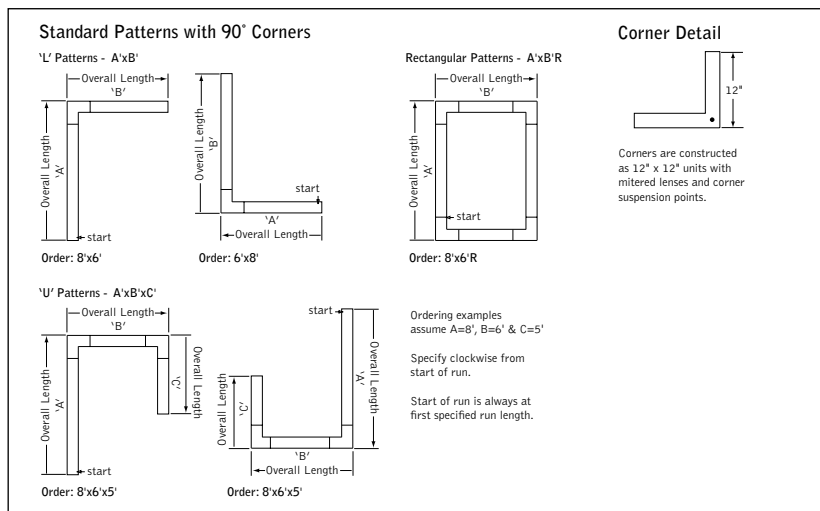
## ACOUSTIC PERFORMANCE



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

project:

## PATTERN DETAILS



## SPECIFICATIONS

### Acoustic Material

<b>Content</b>	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/acoustic-solutions">focalpointlights.com/acoustic-solutions</a> . Lead times may vary depending on color.
<b>Cleaning and Care</b>	Remove dust and debris with a clean, soft, lint-free cloth or vacuum
<b>PET Thickness</b>	9mm
<b>Surface Burning Characteristics</b>	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](http://focalpointlights.com).

Contact [acoustic.solutions@focalpointlights.com](mailto:acoustic.solutions@focalpointlights.com) for technical questions.

<b>Sabins</b>	<p>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.</p> <p>8' length, 12" height: 12" OC = 10.26 Sabins, 18" OC = 11.67 Sabins, 24" OC = 12.43 Sabins</p>
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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' 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. .002" 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

Polyster 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 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

	<b>Circuit</b>	<b>1C</b>
	Single Circuit	1C

	<b>Voltage</b>	<b>UNV</b>
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.)

<b>24" Cable Suspension</b>	<b>J24</b> _____
<b>48" Cable Suspension</b>	<b>J48</b> _____
<b>96" Cable Suspension</b>	<b>J96</b> _____
<b>120" Cable Suspension</b>	<b>J120</b> _____

(Specify canopy color White (WH), Black (BK) or  
 Titanium Silver (TS). Example: J24(WH).  
 (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 are 3/4" longer than specified and cannot be cut to length or joined in the field.)

**Specify length in 1" increments**      **\_ft \_in**  
**from 3' to 208'**  
 (Consult factory for alternate lengths.)

<b>Pattern Options</b>	
(Patterns available with LD1 and LT1 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:** 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:

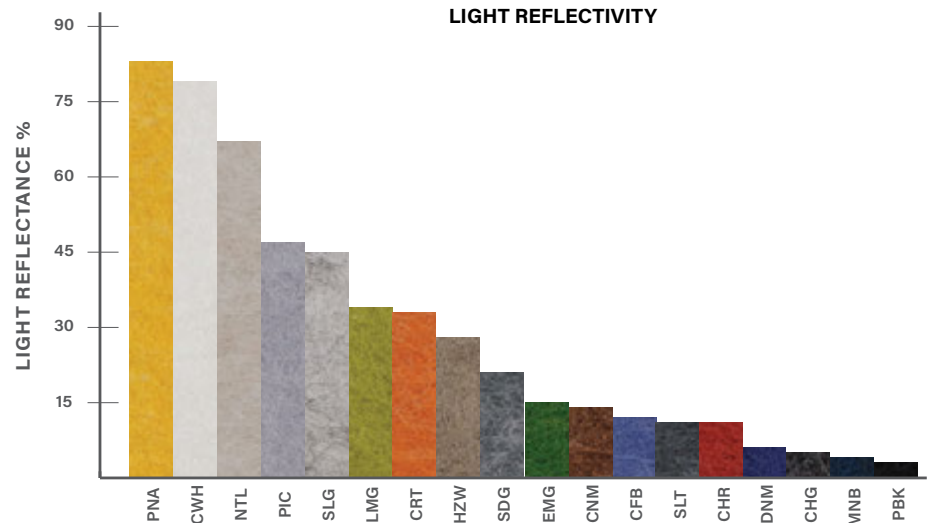
☒ LBC Red List Free % Disclosed: 100% at 100ppm  
☐ LBC Red List Approved VOC Content: Not Applicable  
☐ Declared

**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](http://living-future.org/declare)

## LIGHT REFLECTIVITY



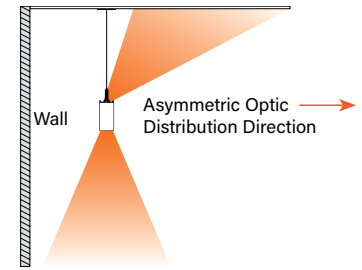
## 4' PERFORMANCE CHART

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

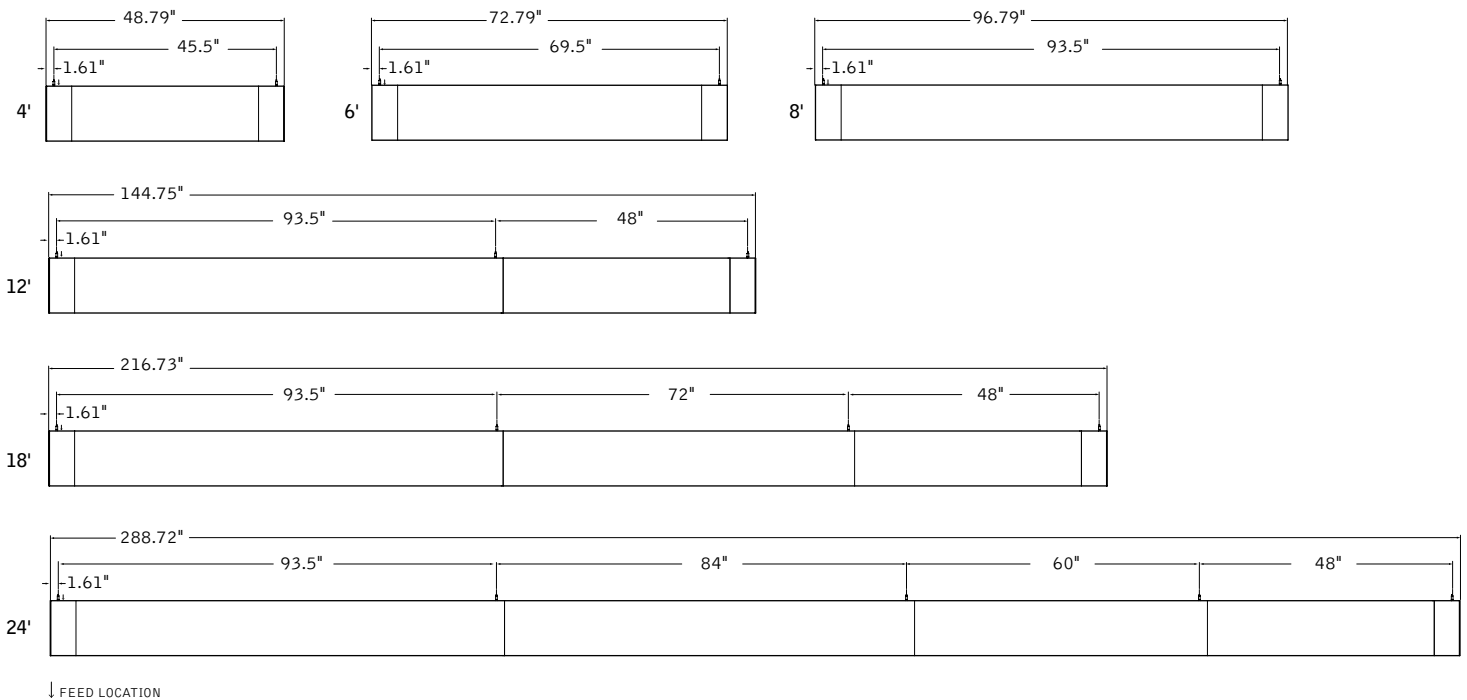
Based on 3500K, 80CRI, 4' lengths. 90 CRI Lumen multiplier = 0.87. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

## INDIRECT ASYMMETRIC

Standard Application Example



## 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

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