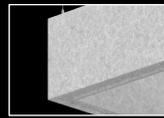
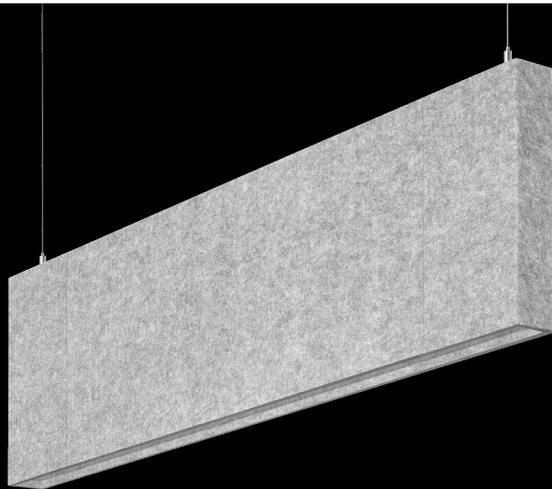


Seem® 1 Acoustic

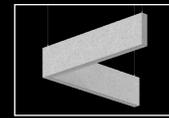
LED INDIRECT



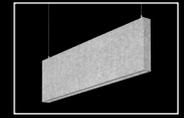
FOCAL POINT®



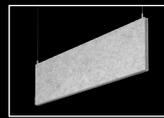
90° corner detail



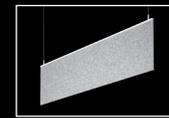
'L' pattern



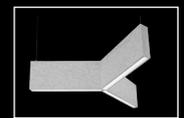
Seem 1 Acoustic Unlit companion



AirCore Blade companion

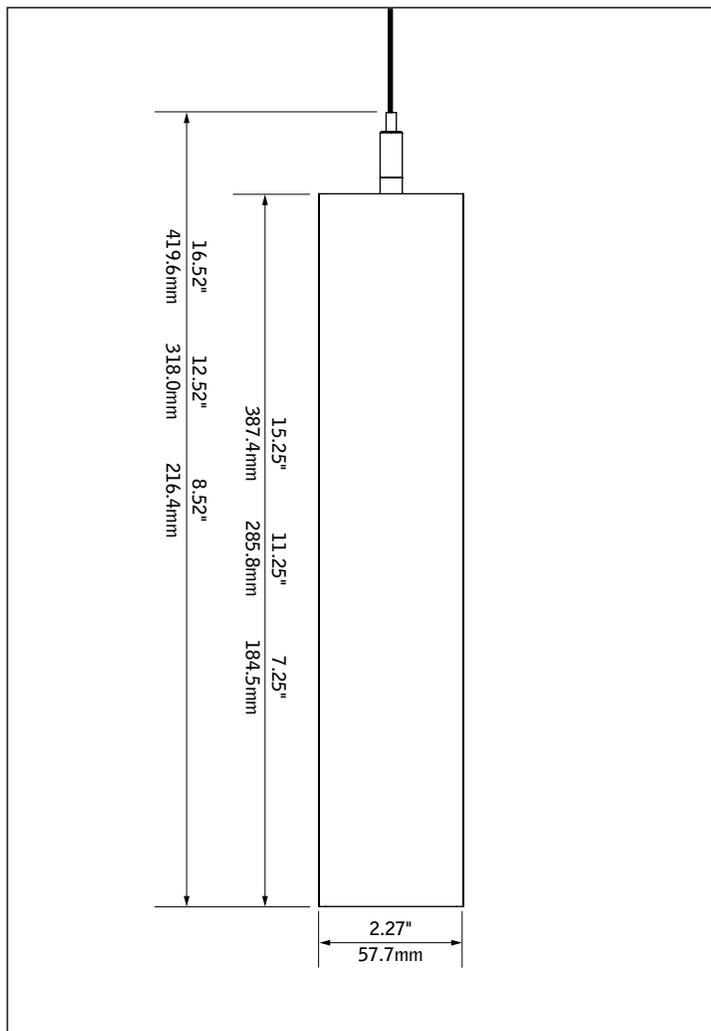


TruBlade companion



Seem 1 Acoustic Trio companion

DIMENSIONAL DATA



FEATURES

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

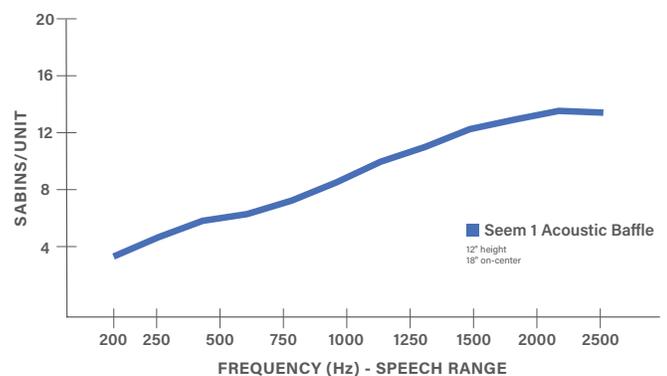
Available in 3' to 208' lengths in 1" increments with 8", 12" or 16" nominal housing heights. in straight lengths or patterns with 90° corners.

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

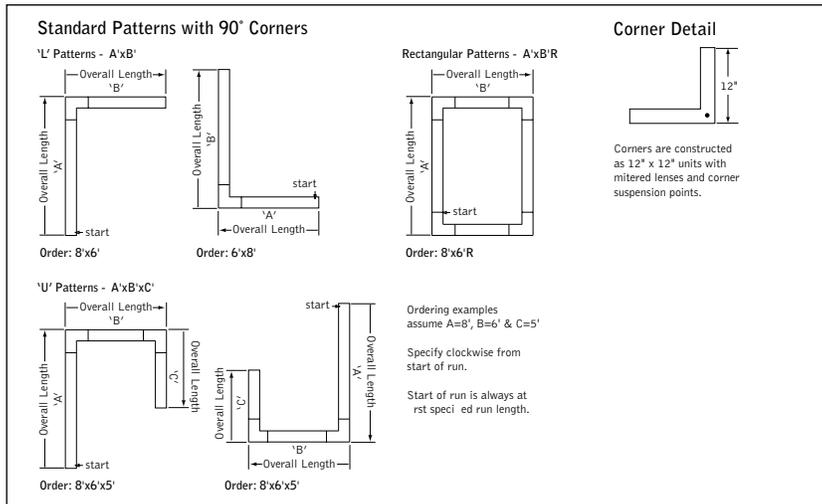


All products were tested in multiple configured arrays. Total absorption will vary based on configuration. Please refer to ASTM C423 reports for more information.

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
L90 at >61,000 hours
Calculated: L70 at 470,000 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'
 (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)

ASM1S

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 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-ethanediylobis-; Stearic Acid; Antioxidant 1076; Benzenepropanoic acid, 3,5-bis(1-(dimethylethyl)-4-hydroxy-, octadecyl ester; Antioxidant KY-405; Benzeneamine, 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

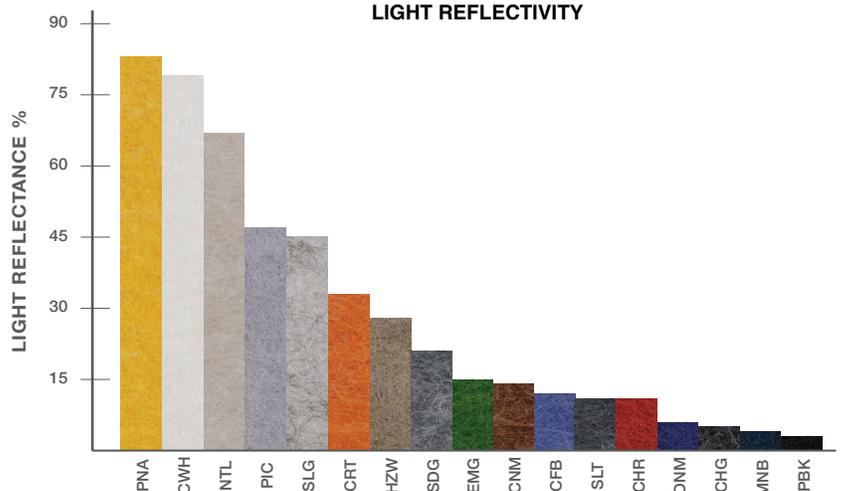
I-10 Interior Performance: CDPH Standard Method v1.1-2010

I-14 Responsible Sourcing: Not Applicable

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

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

LIGHT REFLECTIVITY

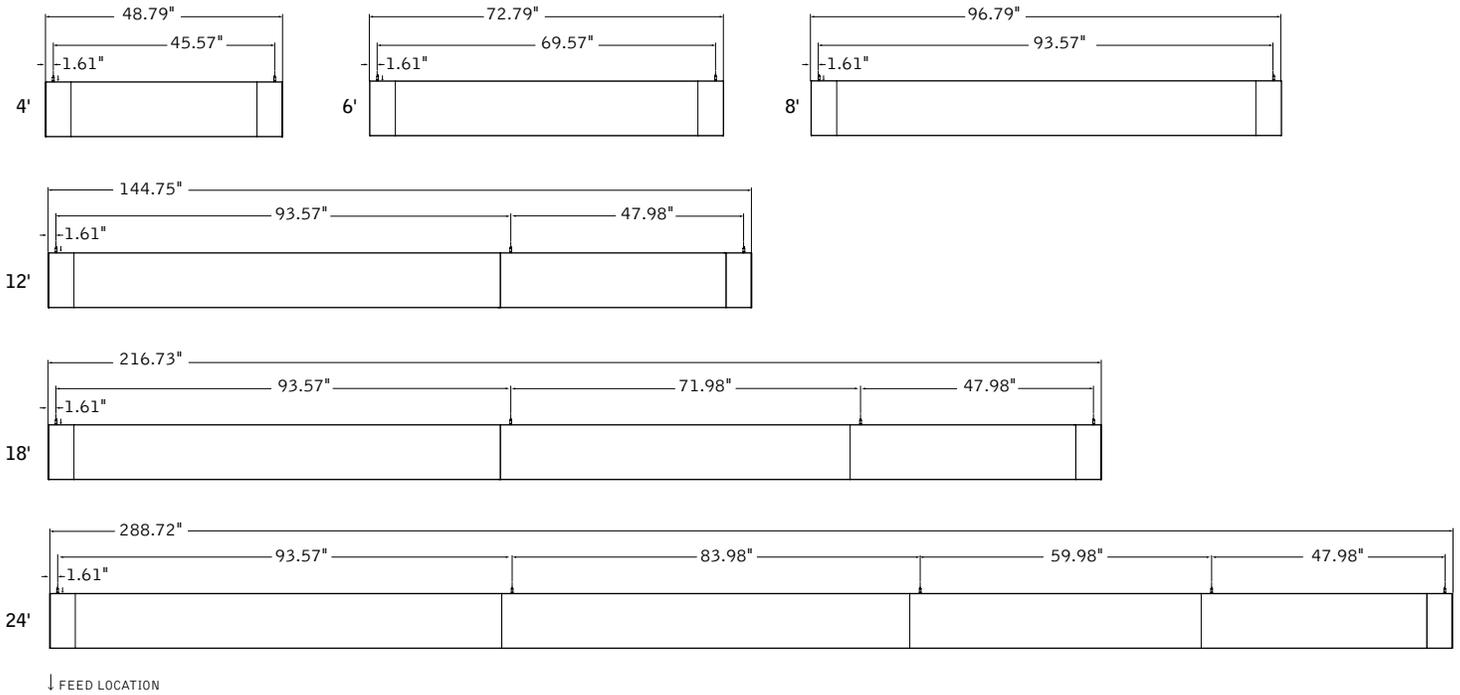


4' PERFORMANCE CHART

| 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 |