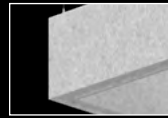
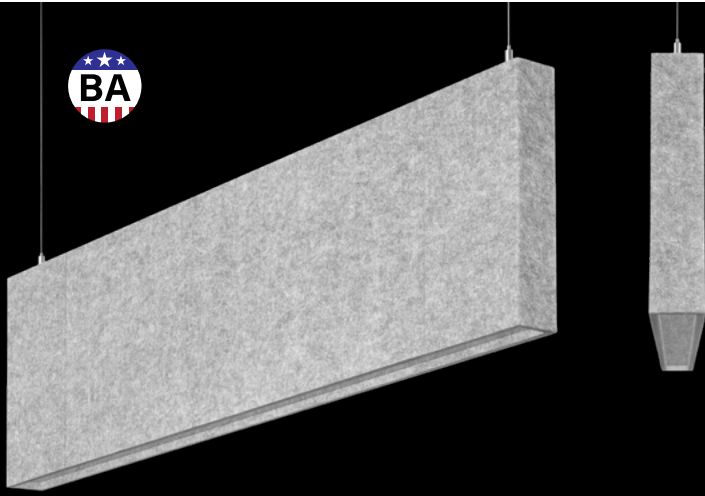
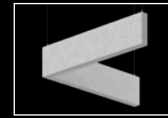


# Seem® 1 Acoustic

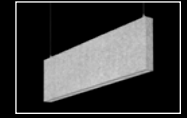
LED INDIRECT



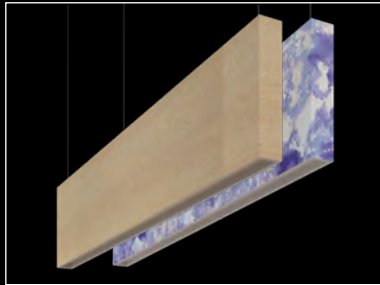
90° corner detail



'L' pattern



Seem 1 Acoustic Unlit companion



The Naturals collection - Light Oak shown  
Cosmic Collection - Blue Sky shown



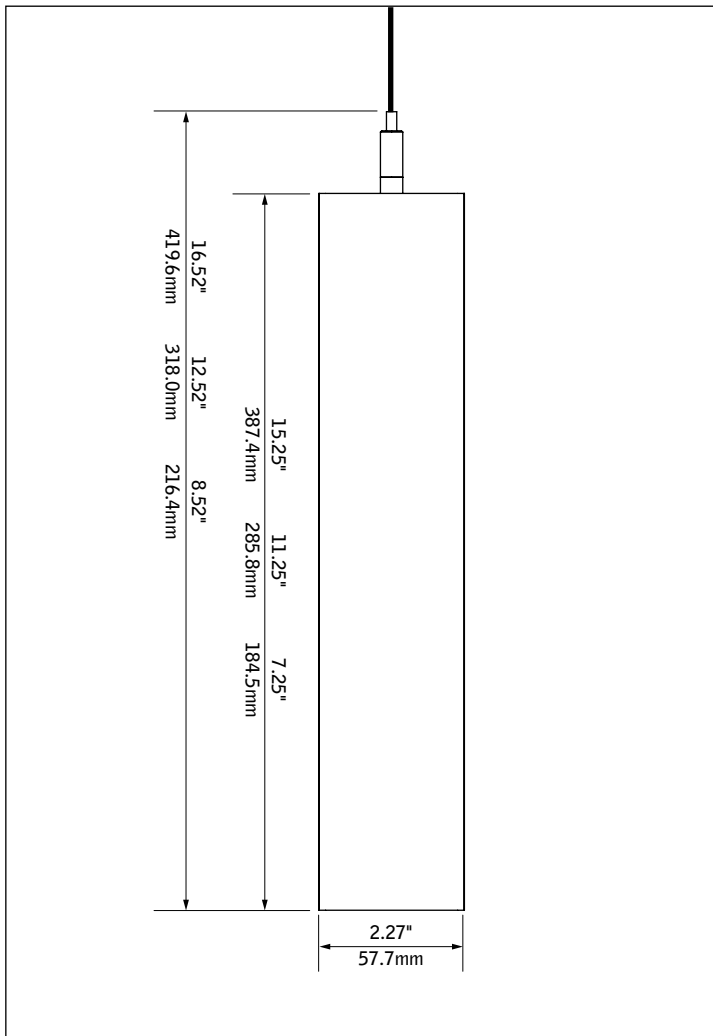
AirCore Blade companion



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.

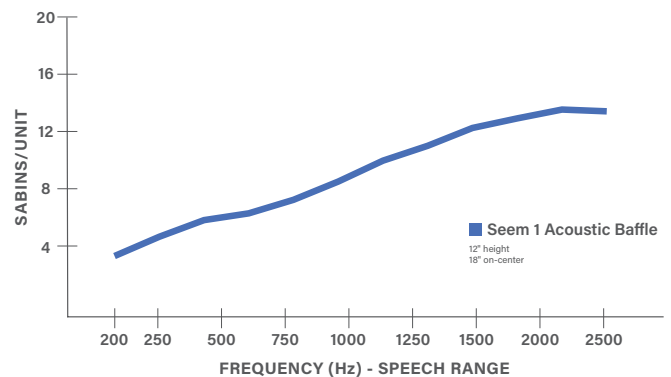
Indirect batwing optic allows for wide on-center spacing while maintaining ceiling uniformity.

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.

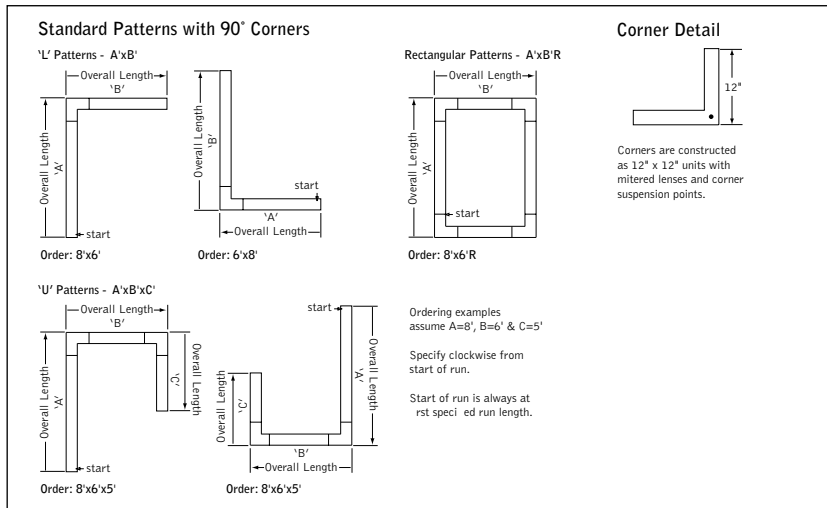
Available in a range of curated printed finish options, including The Naturals and Cosmic.

## 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.

**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 focalpointlights.com/acousticsolutions. Printed finishes such as The Naturals and Cosmic may leave the base material color visible on edges, depending on the product. Consult factory for more information. 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
<b>Colorfastness</b>	AATCC 16A Option 3 Class 4 minimum at 40 hours

**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.

<b>Sabins</b>	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
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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 2700K, 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**

UL and cUL listed. 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.

**4' PERFORMANCE CHART - See page 4**

**ORDERING**

**Luminaire Series**

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**  
(4' minimum. Consult factory for Lutron & DALI)  
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**

2700K, 80CRI or 90CRI **27K or 927K**  
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 (LDE) - 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 **\_ft \_in**  
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)



**10 DAY** Options in orange qualify for the Quickship program. Five color options. Available in 4', 6', 8', 10', 12', 14', 16' lengths. Maximum linear feet is 200' of acoustic products per order. Refer to Quickship Guide for complete details.

# Acoustic Materials



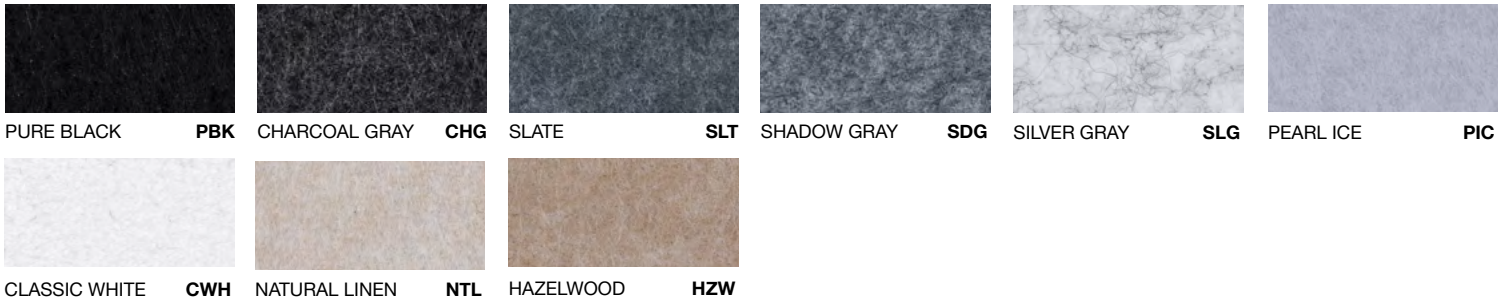
## COSMIC (25% SCALE)



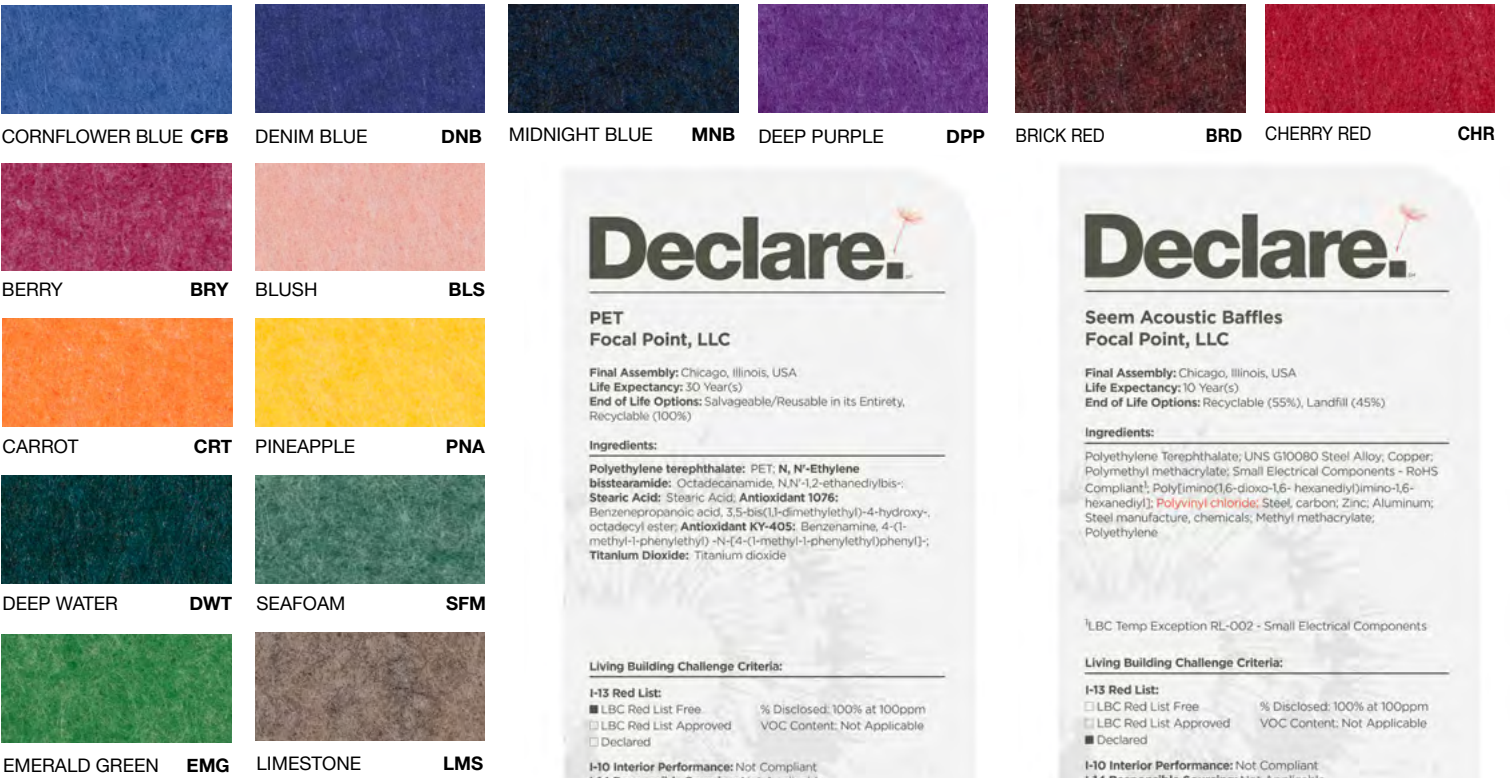
## THE NATURALS (25% SCALE)



## STANDARD PET



## PREMIUM PET



Slight color variations are inherent to the PET felt manufacturing process. Color renditions on screens vary due to display settings and lighting conditions.

Order samples at [focalpointlights.com/Samples](https://focalpointlights.com/Samples)

**Declare.**

**PET**  
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-ethanediylibis-; Stearic Acid; Antioxidant 1076; Benzenepropanoic acid, 3,5-bis(1-(dimethylethyl)-4-hydroxy-, octadecyl ester; Antioxidant KY-405; Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]; Titanium Dioxide; Titanium dioxide

**Living Building Challenge Criteria:**

**I-13 Red List:**

- LBC Red List Free
- LBC Red List Approved
- Declared

% Disclosed: 100% at 100ppm  
VOC Content: Not Applicable

**I-10 Interior Performance:** Not Compliant  
**I-14 Responsible Sourcing:** Not Applicable

FPL-0001  
EXP: 01 JUN 2026  
Original Issue Date: 2020

INTERNATIONAL LIVING FUTURE INSTITUTE™ [living-future.org/declare](https://living-future.org/declare)

**Declare.**

**Seem Acoustic Baffles**  
Focal Point, LLC

Final Assembly: Chicago, Illinois, USA  
Life Expectancy: 10 Year(s)  
End of Life Options: Recyclable (55%), Landfill (45%)

**Ingredients:**

Polyethylene Terephthalate; UNS G10080 Steel Alloy; Copper; Polymethyl methacrylate; Small Electrical Components - RoHS Compliant<sup>1</sup>; Poly[imino(1,6-dioxo-1,6-hexanediy)imino-1,6-hexanediy]; Polyvinyl chloride; Steel, carbon; Zinc; Aluminum; Steel manufacture, chemicals; Methyl methacrylate; Polyethylene

<sup>1</sup>LBC Temp Exception RL-002 - Small Electrical Components

**Living Building Challenge Criteria:**

**I-13 Red List:**

- LBC Red List Free
- LBC Red List Approved
- Declared

% Disclosed: 100% at 100ppm  
VOC Content: Not Applicable

**I-10 Interior Performance:** Not Compliant  
**I-14 Responsible Sourcing:** Not Applicable

FPL-0005  
EXP: 01 FEB 2027  
Original Issue Date: 2024

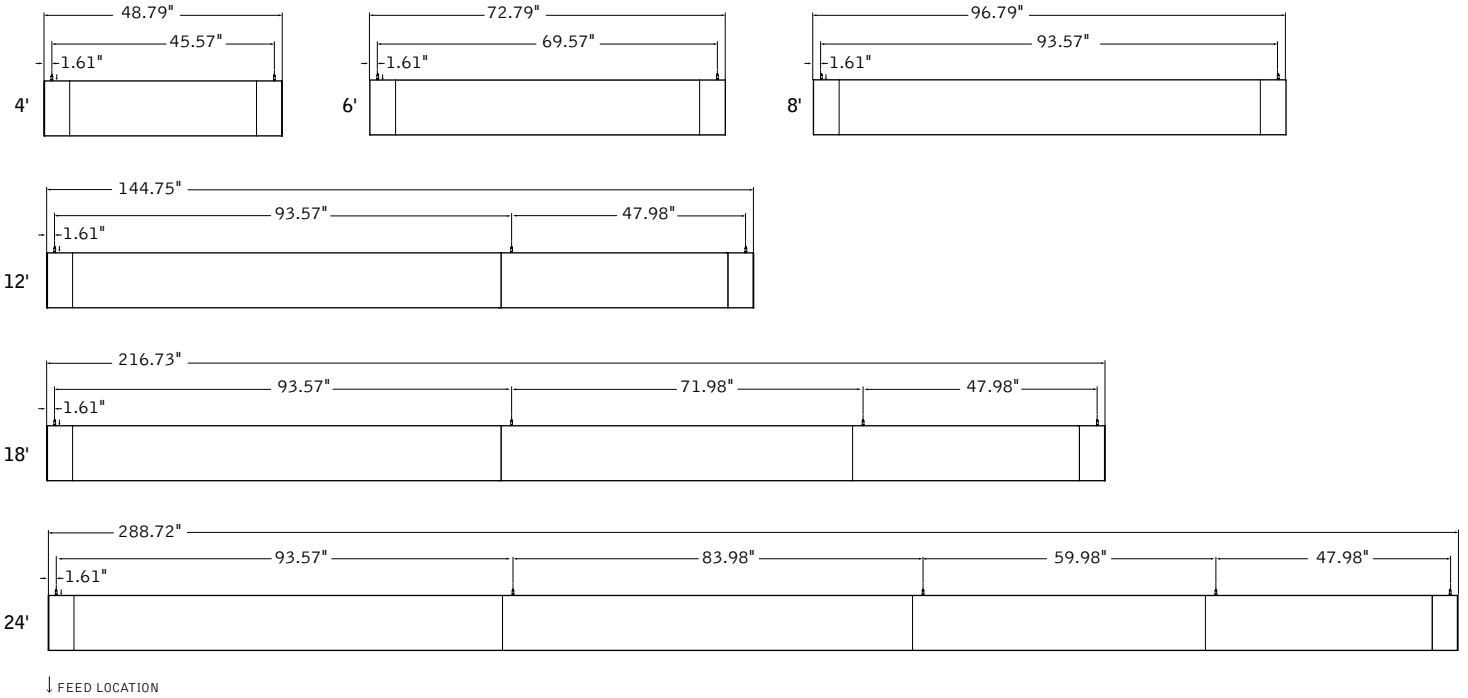
INTERNATIONAL LIVING FUTURE INSTITUTE™ [living-future.org/declare](https://living-future.org/declare)

**4' PERFORMANCE CHART**

Indirect Lumen Output	Delivered Lumens	Tested System Watts	Lumens per Watt (LPW)	
			BW	DC
125LF	500	5.51	91	5.51
250LF	1000	7.77	129	7.66
375LF	1500	10.58	142	10.43
500LF	2000	13.72	146	13.50
625LF	2500	16.97	147	16.67
800LF	3200	21.66	148	21.24

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

# Ordering Guide



Direct Only Linear Circuitry, Zones & Factory Options

## HOW TO USE THIS GUIDE

Fill out the worksheet on the following page to specify your requirements for circuitry, zones, and factory options.

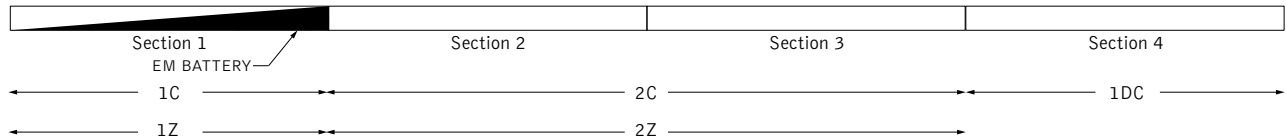
Refer to the run chart for standard run configurations, consult factory for custom configurations.

Complete the Totals / Ordering Codes at the bottom of the worksheet and add to your ordering logic on the cut sheet.

Submit the worksheet along with your order.

TOTAL RUN LENGTH: <u>32ft</u>		JOB NAME: _____			FIXTURE TYPE: _____			
HOUSING SECTION	SECTION LENGTH	SHARED ELECTRICAL FEED, NORMAL POWER			FACTORY OPTIONS			
		SWITCHING CIRCUIT	DIMMING ZONE	DAYLIGHT ZONE	SEPARATE ELECTRICAL FEEDS			EM
					DAYLIGHT CIRCUIT	EMERGENCY CIRCUIT	ECD	
1	8	1C	1Z					1EM
2	8	2C	2Z					
3	8	2C	2Z					
4	8				1DC			
<b>Totals / Ordering Codes</b>		<b>2C</b>	<b>2Z</b>		<b>1DC</b>			<b>1EM</b>

ORDERING: FSM4L-FL-625LF-35K- **2C2Z** -UNV-LD1-G2- **1DC-1EM** -WH-32ft



KEY	
<b>C = Switching Circuit</b> Switched Hot / Shared Neutral	<b>DC = Daylight Circuit</b> Switched Hot / Separate Neutral
<b>Z = Dimming Zone</b> Dimming Control Wires	<b>EC = Emergency Circuit</b> Switched Hot / Separate Neutral
<b>DL = Daylight Zone</b> Daylight Dimming Control Wires	<b>EM = Emergency Battery</b> Unswitched Hot / Shared Neutral
	<b>ECD = Emergency Control Device</b> Unswitched Hot / Separate Neutral

## DEFAULTS

- Zones and Factory Options illuminate entire sections from 4' to 8' in length.
- One shared or isolated circuit and zone required per housing section.
- Limit of one EM or ECD per housing section.
- Additional electrical feed required for applications greater than three shared circuits and zones.
- Each DC, EC and ECD require an additional electrical feed.
- ECD not available in the same housing section as EC.
- Longer lead times and additional pricing may apply for custom run configurations.

## CUSTOM LENGTHS

- If partial illumination of emergency or daylight section is required, indicate in ordering guide and add "partial illumination" in Order Notes. Drawing required.
- Engineering validation required, longer lead times may apply.

# Ordering Guide Worksheet

Linear Circuitry, Zones & Factory Options



TOTAL RUN LENGTH: _____		JOB NAME: _____			FIXTURE TYPE: _____			
HOUSING SECTION	SECTION LENGTH	SHARED ELECTRICAL FEED, NORMAL POWER			FACTORY OPTIONS			EM
		SWITCHING CIRCUIT	DIMMING ZONE	DAYLIGHT ZONE	SEPARATE ELECTRICAL FEEDS			
DAYLIGHT CIRCUIT	EMERGENCY CIRCUIT				ECD			
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
<b>Totals / Ordering Codes</b>								

WORKSHEET

Combine to create Circuits & Zones ordering code

Enter as individual Factory Options

## RUN CHART

Run length (ft)	Housing Configuration Section Lengths	Run length (ft)	Housing Configuration Section Lengths	Run length (ft)	Housing Configuration Section Lengths	Run length (ft)	Housing Configuration Section Lengths
9	5 + 4	21	8 + 8 + 5	33	8 + 8 + 8 + 5 + 4	45	8 + 8 + 8 + 8 + 8 + 5
10	6 + 4	22	8 + 8 + 6	34	8 + 8 + 8 + 6 + 4	46	8 + 8 + 8 + 8 + 8 + 6
11	7 + 4	23	8 + 8 + 7	35	8 + 8 + 8 + 7 + 4	47	8 + 8 + 8 + 8 + 8 + 7
12	8 + 4	24	8 + 8 + 8	36	8 + 8 + 8 + 8 + 4	48	8 + 8 + 8 + 8 + 8 + 8
13	8 + 5	25	8 + 8 + 5 + 4	37	8 + 8 + 8 + 8 + 5		
14	8 + 6	26	8 + 8 + 6 + 4	38	8 + 8 + 8 + 8 + 6		
15	8 + 7	27	8 + 8 + 7 + 4	39	8 + 8 + 8 + 8 + 7		
16	8 + 8	28	8 + 8 + 8 + 4	40	8 + 8 + 8 + 8 + 8		
17	8 + 5 + 4	29	8 + 8 + 8 + 5	41	8 + 8 + 8 + 8 + 5 + 4		
18	8 + 6 + 4	30	8 + 8 + 8 + 6	42	8 + 8 + 8 + 8 + 6 + 4		
19	8 + 7 + 4	31	8 + 8 + 8 + 7	43	8 + 8 + 8 + 8 + 7 + 4		
20	8 + 8 + 4	32	8 + 8 + 8 + 8	44	8 + 8 + 8 + 8 + 8 + 4		

Standard run configurations, consult factory for custom configurations.