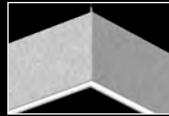
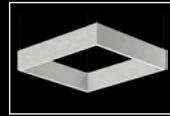


Seem® 1 Acoustic

LED DIRECT/INDIRECT



90° corner detail



Rectangle pattern



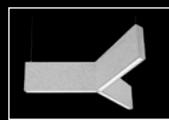
Left and right corner pattern



The Naturals collection - Light Oak shown
Cosmic Collection - Moon Rock shown

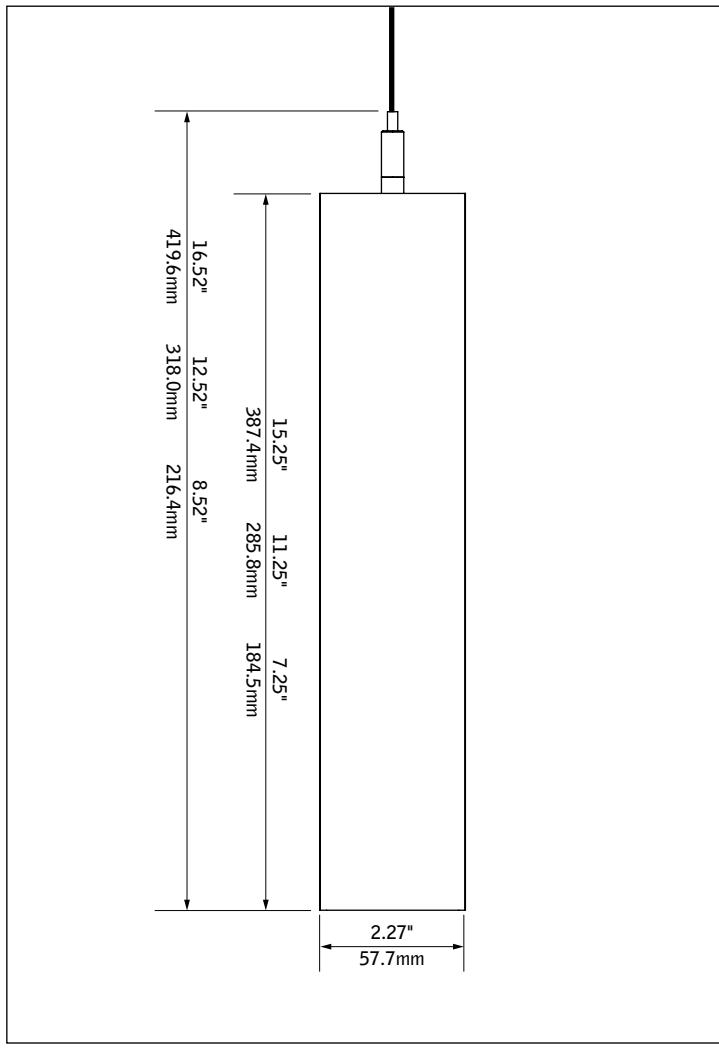


Seem 1 Acoustic
Unlit companion



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 in straight lengths or patterns with 90° corners.

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

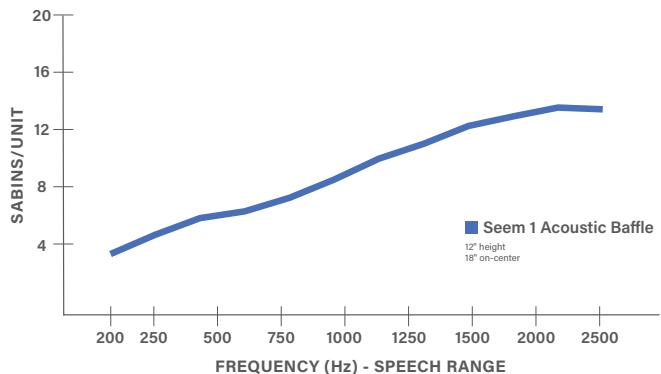
LED position and lens material optimized to provide the perfect blend of high performance and visual comfort.

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

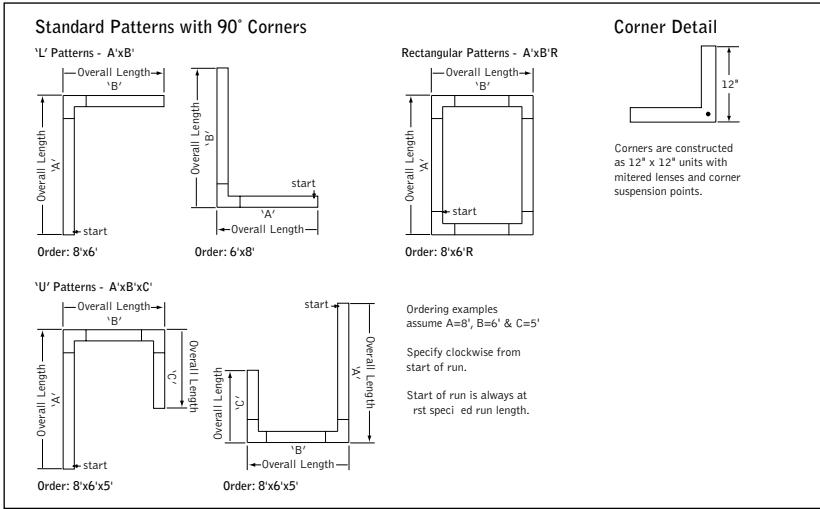
Pair with Seem 1 Acoustic unlit baffle, Seem 1 Acoustic Trio, AirCore Blade®, or TruBlade® to create a coordinated look in interior spaces.

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**

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 . 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.
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
Colorfastness	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.

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
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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 = 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: 16.83ft.

Labels

UL and cUL listed. 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.

4' PERFORMANCE CHART - See page 4

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.

ORDERING**Luminaire Series**

Seem 1 Acoustic Direct/Indirect LED ASM1BS

Shielding

Batwing Optic Top/Asymmetric Wall Wash	BWAS
Batwing Optic Top/Batwing Lens Bottom	BWBW
Batwing Optic Top/Rgress Lens	BWRL
Dust Cover Top/Asymmetric Wall Wash	DCAS
Bottom	DCBWB
Dust Cover Top/Batwing Lens Bottom	DCRL
Dust Cover Top/Rgress Lens	DCRRL

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 D11)	

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

Circuits & Zones

1 Circuit, non-emergency	1C
2 non-emergency circuits provide independent control of Direct and Indirect sources	2C
Consult Ordering Guide on page 5 for multiple circuiting and zoning options	C_Z_DL
Voltage	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 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

(See Ordering Guide on page 5 for ordering details for DC, EC, EM & ECD.)

Black Cord	BKCD
Daylight Circuit	DC
Emergency Circuit	EC
Emergency Battery Pack [†]	EM
Emergency Control Device [†]	ECD

[†](6' minimum length. Consult factory for available options.)

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 4' to 208'

ft in

ft in

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

'U' pattern

Rectangular pattern

(Consult factory for other pattern options)

ASM1BS

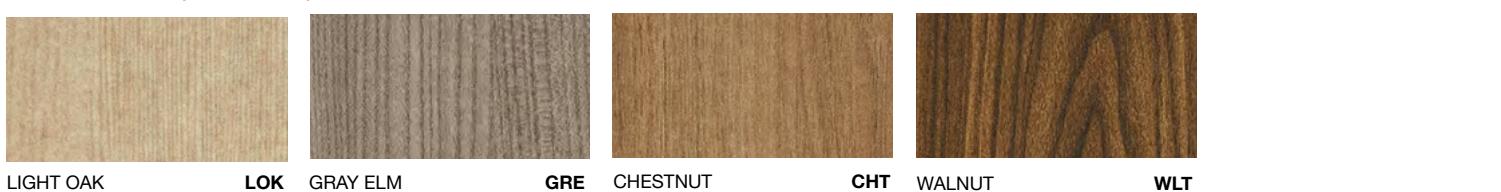
Acoustic Materials



COSMIC (25% SCALE)



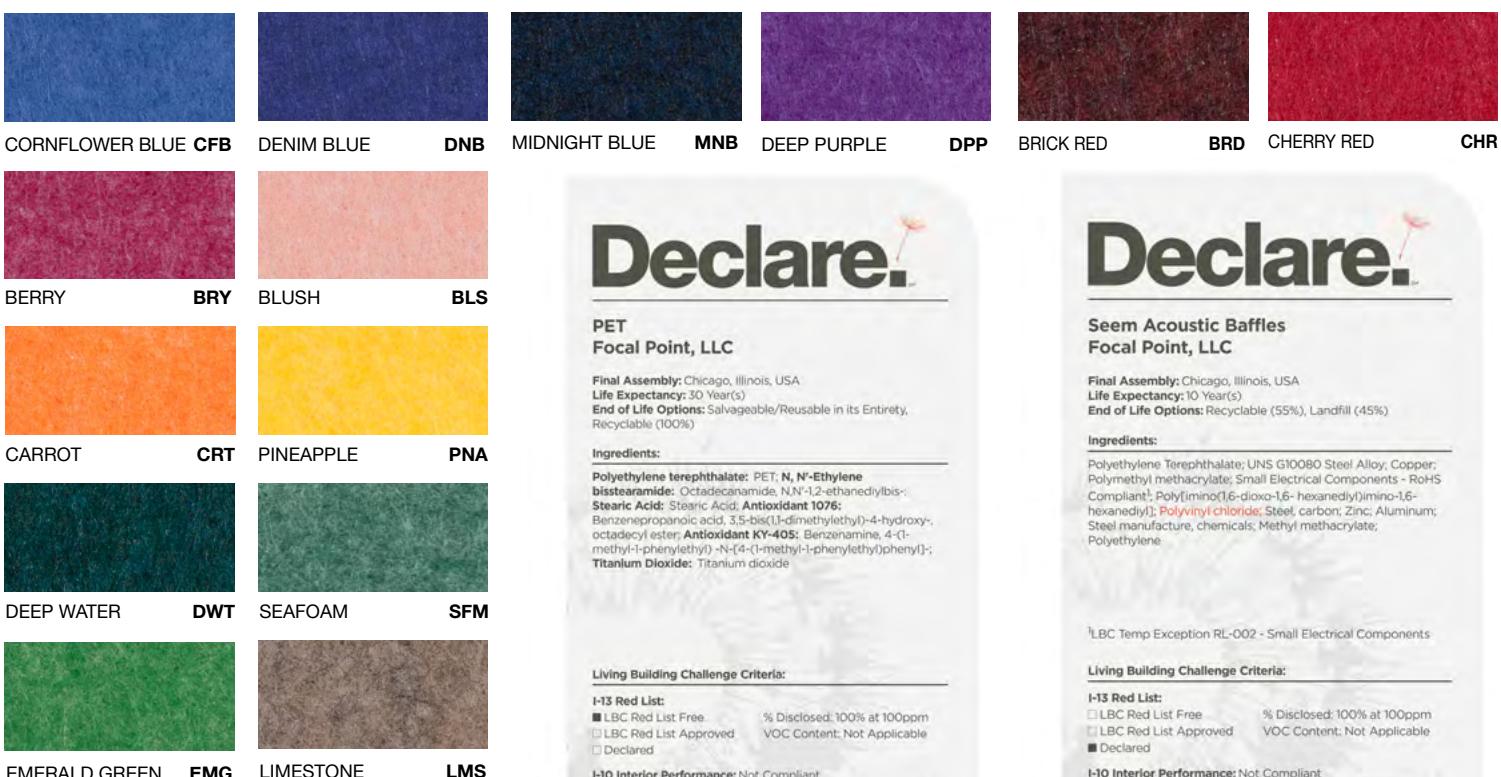
THE NATURALS (25% SCALE)



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

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-ethanediylbis; Stearic Acid: 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 % Disclosed: 100% at 100ppm
 LBC Red List Approved VOC Content: Not Applicable
 Declared

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

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, Poly(methyl methacrylate; Small Electrical Components - RoHS Compliant¹; Poly(imino(1,6-dioxo-1,6-hexanediyl)imino(1,6-hexanediyl); Polyvinyl chloride; Steel, carbon, Zinc, Aluminum; Steel manufacture, chemicals, Methyl methacrylate, Polyethylene

¹LBC Temp Exception RL-002 - Small Electrical Components

Living Building Challenge Criteria:

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: Not Compliant
I-14 Responsible Sourcing: Not Applicable

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

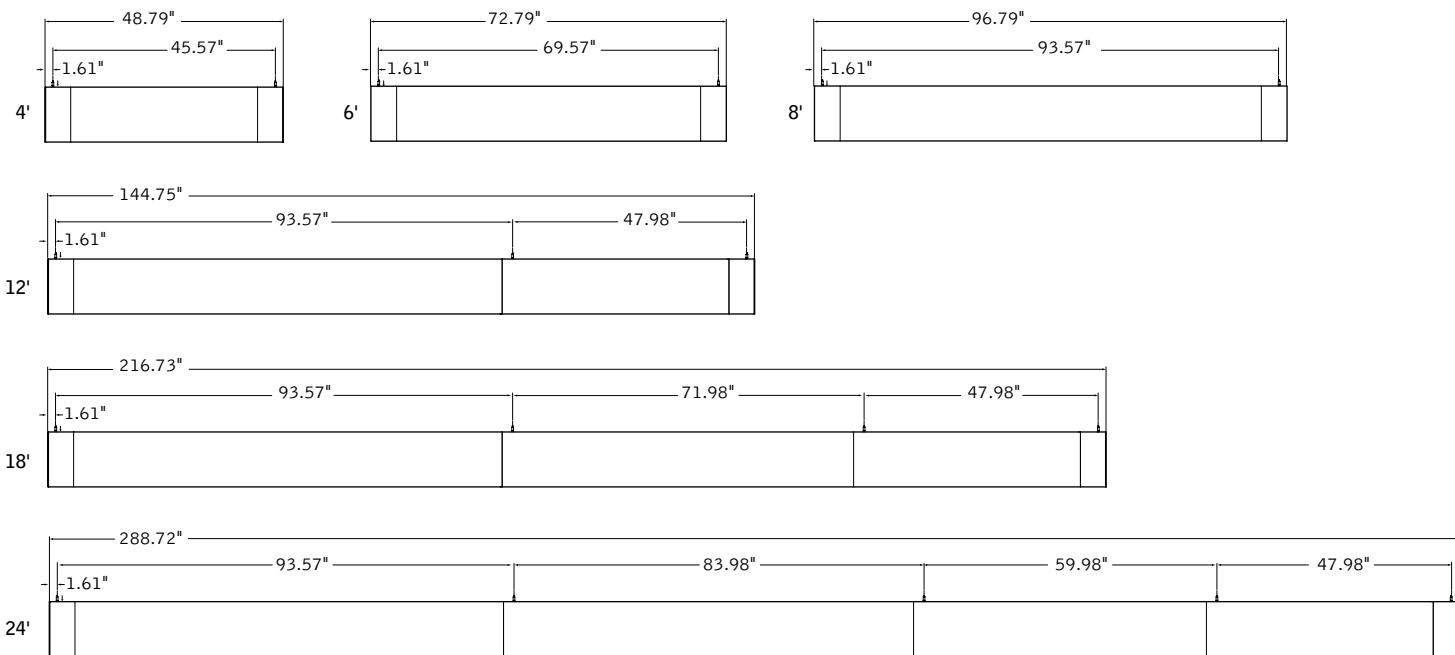
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4' PERFORMANCE CHART - BATWING OPTIC TOP/REGRESS LENS BOTTOM

Direct Distribution	Indirect Distribution	Distribution % (Direct/Indirect)	Total Delivered Lumens	Tested System Watts	Lumens per Watt (LPW)					
					BWRL	BWAS	BWBW	DCRL	DCAS	DCBW
100DN	125UP	44/56	900	12	84	93	90	81	91	88
	250UP	29/71	1400	14	101	109	107	98	106	104
	375UP	21/79	1900	17	110	116	114	110	116	114
	500UP	17/83	2400	20	116	122	120	116	122	120
	625UP	14/86	2900	24	120	125	124	120	125	124
	800UP	11/89	3600	29	121	124	123	120	124	123
200DN	125UP	62/38	1300	16	90	100	96	88	98	94
	250UP	44/56	1800	17	103	112	108	101	110	106
	375UP	35/65	2300	21	110	118	114	110	118	114
	500UP	29/71	2800	24	115	122	119	115	122	119
	625UP	24/76	3300	27	119	125	122	119	125	122
	800UP	20/80	4000	33	119	124	122	119	124	122
300DN	125UP	71/29	1700	20	93	104	99	91	103	97
	250UP	55/45	2200	21	103	114	109	101	112	107
	375UP	44/56	2700	24	109	118	114	109	118	114
	500UP	38/63	3200	28	114	122	118	114	122	118
	625UP	32/68	3700	31	117	125	121	117	125	121
	800UP	27/73	4400	37	118	124	121	118	124	121
400DN	125UP	76/24	2100	24	94	108	101	93	106	100
	250UP	62/38	2600	25	102	116	110	101	114	108
	375UP	52/48	3100	29	108	119	114	108	119	114
	500UP	44/56	3600	32	112	122	118	112	122	117
	625UP	39/61	4100	35	115	125	120	115	124	120
	800UP	33/67	4800	41	116	124	120	116	124	120
500DN	125UP	80/20	2500	28	94	110	103	93	109	102
	250UP	67/33	3000	29	101	117	110	100	115	109
	375UP	57/43	3500	33	106	120	114	106	120	114
	500UP	50/50	4000	36	110	122	117	110	122	117
	625UP	44/56	4500	39	113	124	120	113	124	119
	800UP	38/62	5200	45	114	124	120	114	124	120

*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)



↓ FEED LOCATION

Ordering Guide

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.

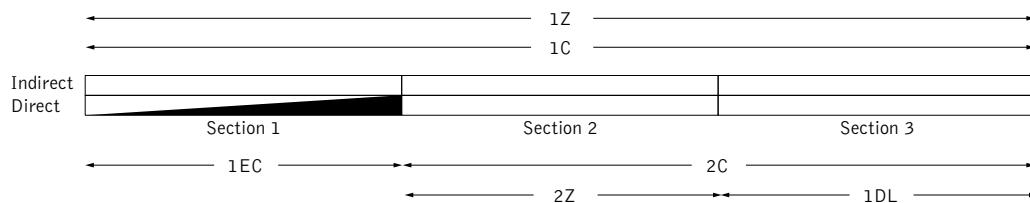
Refer to the run chart for standard run configurations, consult factory for custom configurations.

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.

EXAMPLE	TOTAL RUN LENGTH: <u>24ft</u>			JOB NAME: _____			Fixture Type: _____		
	HOUSING SECTION	SECTION LENGTH	LIGHT DISTRIBUTION	SHARED ELECTRICAL FEED, NORMAL POWER			FACTORY OPTIONS		
				SWITCHING CIRCUIT	DIMMING ZONE	DAYLIGHT ZONE	DAYLIGHT CIRCUIT	EMERGENCY CIRCUIT	
EXAMPLE	1	8	Indirect	1C	1Z				
			Direct					1EC	
	2	8	Indirect	1C	1Z				
			Direct	2C	2Z				
	3	8	Indirect	1C	1Z				
			Direct	2C		1DL			
	Totals / Ordering Codes			2C	2Z	1DL		1EC	

ORDERING: FSM4BS-FL-625UP-125DN-35K- **2C2Z1DL** -UNV-LD1-C24- **1EC** -WH-24ft



KEY

C = Switching Circuit Switched Hot / Shared Neutral	DC = Daylight Circuit Switched Hot / Separate Neutral
Z = Dimming Zone Dimming Control Wires	EC = Emergency Circuit Switched Hot / Separate Neutral
DL = Daylight Zone Daylight Dimming Control Wires	ECD = Emergency Control Device Unswitched Hot / Separate Neutral

EM = Emergency Battery
Unswitched Hot / Shared Neutral

DEFAULTS

- Zones and Factory Options illuminate entire sections from 4' to 8' in length.
- EC, EM, and ECD only available for direct distribution.
- One shared or isolated circuit and zone required per housing section.
- Additional electrical feed required for applications greater than three shared circuits and zones.
- Limit of one EM or ECD per housing section.
- Each EC, DC 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

WORKSHEET	TOTAL RUN LENGTH: _____			JOB NAME: _____			Fixture Type: _____		
	HOUSING SECTION	SECTION LENGTH	LIGHT DISTRIBUTION	Shared Electrical Feed, Normal Power			Factory Options		
				Switching Circuit	Dimming Zone	Daylight Zone	Daylight Circuit	Emergency Circuit	ECD
1			Indirect						
			Direct						
2			Indirect						
			Direct						
3			Indirect						
			Direct						
4			Indirect						
			Direct						
5			Indirect						
			Direct						
6			Indirect						
			Direct						
7			Indirect						
			Direct						
8			Indirect						
			Direct						
9			Indirect						
			Direct						
10			Indirect						
			Direct						
11			Indirect						
			Direct						
12			Indirect						
			Direct						
Totals / Ordering Codes									

Combine to create Circuits & Zones ordering code

Enter as individual Factory Options

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 + 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.