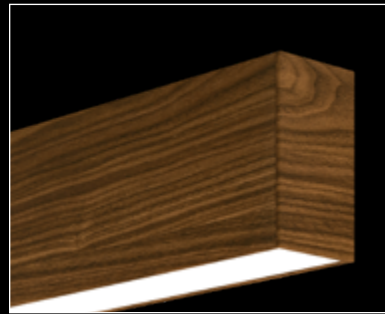


# Seem® 2

LED - SURFACE MOUNT | WET LOCATION

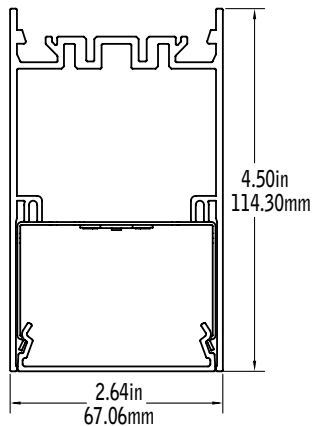


The Naturals collection - Walnut shown



recessed  
companion

## DIMENSIONAL DATA



## FEATURES

Narrow 2.5" linear direct LED with Asymmetric, Batwing, or Flush lens.

Suited for challenging applications with Wet Location, IP65, and NSF ratings.

Individual units and continuous runs in 1' increments.

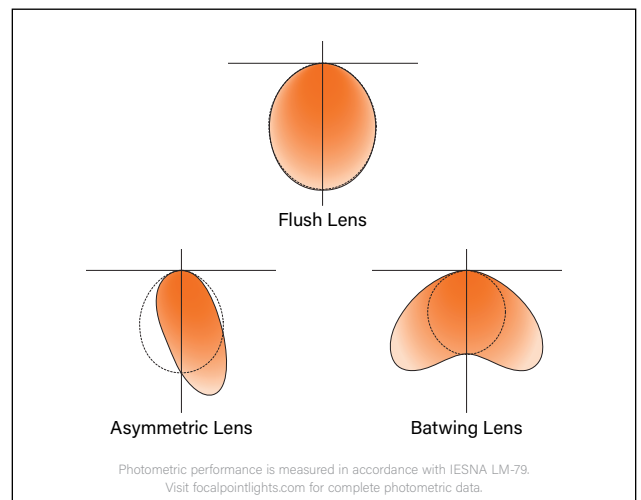
Frosted acrylic lens provides uninterrupted illumination, without pixels or shadows.

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

Choice of output levels to meet a wide variety of application needs.

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

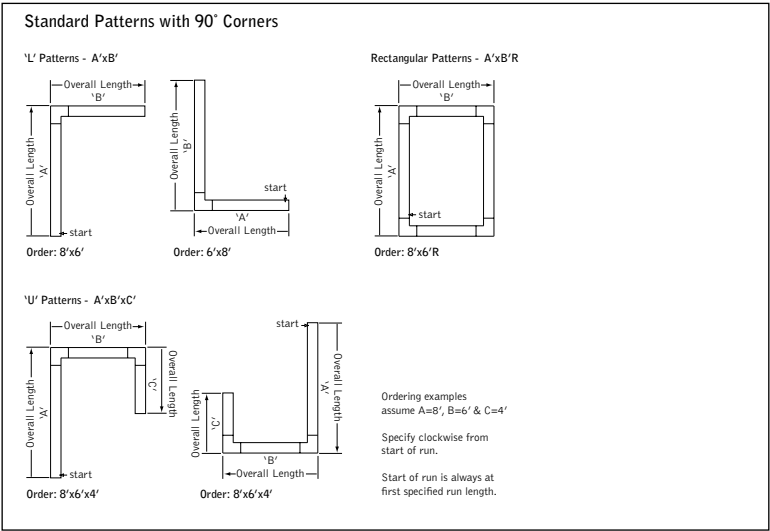
## DISTRIBUTIONS



fixture:

project:

DETAILS



SPECIFICATIONS

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 CRI>80 or CRI>90, 3 SDCM. 3500K and 4000K with CRI>90 have a cyanosis observation index (COI) of 3.3 or less. LED modules and drivers are replaceable from below.

Construction

One piece extruded aluminum housing. Cast aluminum end caps. 8' unit weight: 30 lbs.

Optic

Reflectors fabricated of 22 Ga. steel finished in matte white powder coat. Extruded acrylic lens with satin finish, up to 8' continuous.

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.

Emergency

Emergency Battery output - 10 watts for 90 minutes. Maximum mounting height: 20 ft.

Labels

UL and cUL Listed. Suitable for Dry, Damp or Wet Locations, indoor use only. Specify Outdoor rated (OD) for outdoor covered ceiling applications. IP65 per IEC 60529 ensures that the enclosure is dust-tight and protected against jet streams of water from any direction without any harmful effects.

Finish

Polyester powder coat applied over a multi-stage pre-treatment. Canopy and cord white as standard. The Naturals: 100% low VOC vinyl.

Lumen Maintenance

Reported: L70 at >61,000 hours  
L90 at >61,000 hours

Calculated: L70 at 385,000 hours  
L90 at 103,000 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

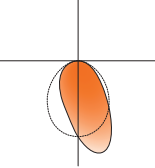
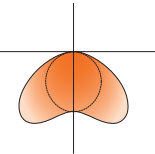
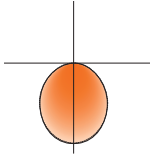
LED System rated for operation in ambient environments up to 25°C. 5-year limited warranty. Fixture with Outdoor rated (OD) option must be installed in a covered ceiling and is warrantied for operation in ambient environments between -20°C to +40°C.

4' PERFORMANCE CHART See page 3

ORDERING

Luminaire Series		FSM2LWLS
Seem 2 LED Wet Location		FSM2LWLS
Shielding		
Asymmetric Lens	AS	
Batwing Lens	BW	
Flush Lens	FL	
Lumen Output		
125 Lumens per foot (LD1 & L11 only, 4' minimum.)	125LF	
250 Lumens per foot (3' minimum with LH1.)	250LF	
375 Lumens per foot	375LF	
500 Lumens per foot	500LF	
625 Lumens per foot	625LF	
750 Lumens per foot	750LF	
875 Lumens per foot	875LF	
1000 Lumens per foot	1000LF	
Color Temperature		
2700K, 80+ CRI <b>or</b> 90+ CRI	27K <b>or</b> 927K	
3000K, 80+ CRI <b>or</b> 90+ CRI	30K <b>or</b> 930K	
3500K, 80+ CRI <b>or</b> 90+ CRI	35K <b>or</b> 935K	
4000K, 80+ CRI <b>or</b> 90+ CRI	40K <b>or</b> 940K	
Circuits & Zones		
1 Circuit, non-emergency	1C	
Consult Ordering Guide for multiple circuiting and zoning options	_C_Z_DL	
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) - 1% Dimming	LH1	
Mounting		SM
Surface Mount	SM	
Factory Options (See Ordering Guide for ordering details for DC, EC, EM & ECD.)		
Daylight Circuit	_DC	
Emergency Circuit	_EC	
Emergency Battery Pack†	_EM	
Emergency Control Device† †(3' minimum)	_ECD	
IP65 Rated (individual units only)	IP65	
NSF Listed	NSF	
Outdoor Rated (LD1 only. Not available with EM.)	OD	
Finish (See finishes page for The Naturals options)		
Black	BK	
Titanium Silver	TS	
Matte White Housing	WH	
Luminaire Length		
Specify luminaire/row length in 1' increments (2' minimum. Leave blank for patterns. Smaller increments available, consult factory.)	X'	
Pattern Options (2' minimum length)		
'L' pattern	A' x B'	
'U' pattern	A' x B' x C'	
Rectangular pattern (Consult factory for other pattern options)	A' x B' R	


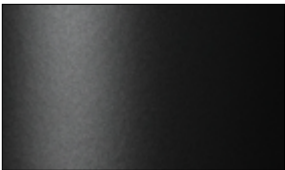
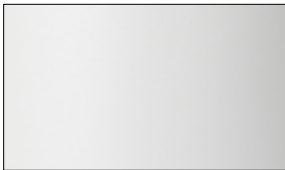
4' PERFORMANCE CHART

Shielding		Lumens per Foot	Delivered Lumens	Tested System Watts	LPW
Asymmetric Lens		125LF	500	5.64	89
		250LF	1000	8.24	121
		375LF	1500	11.22	134
		500LF	2000	14.53	138
		625LF	2500	17.93	139
		750LF	3000	22.22	135
		875LF	3500	26.00	135
		1000LF	4000	29.84	134
Batwing Lens		125LF	500	5.63	89
		250LF	1000	8.27	121
		375LF	1500	11.26	133
		500LF	2000	14.62	137
		625LF	2500	18.02	139
		750LF	3000	22.32	134
		875LF	3500	26.15	134
		1000LF	4000	30.07	133
Flush Lens		125LF	500	5.48	91
		250LF	1000	8.87	113
		375LF	1500	12.17	123
		500LF	2000	15.84	126
		625LF	2500	19.65	127
		750LF	3000	24.45	123
		875LF	3500	28.65	122
		1000LF	4000	33.12	121

Based on 3500K, 4' length. Lumen multiplier 90+ CRI = 0.86. Delivered lumens may vary +/- 5%. Actual wattage may vary +/- 5%

Finishes

STANDARD FINISHES



WHITE                      WH    BLACK                      BK    TITANIUM SILVER                      TS

THE NATURALS (25% SCALE)



LIGHT OAK                      LOK    GRAY ELM                      GRE    CHESTNUT                      CHT    WALNUT                      WLT    WOVEN LINEN                      WLN

# 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.

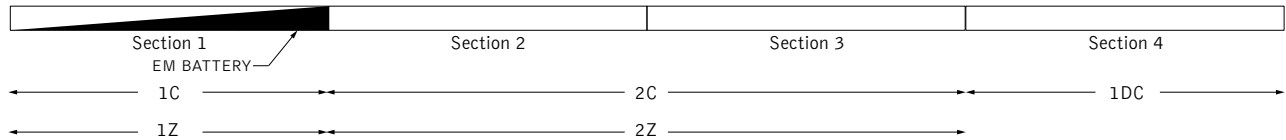
Refer to the run chart for standard run configurations, consult factory for custom configurations.

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.

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

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



## KEY

**C = Switching Circuit**  
Switched Hot / Shared Neutral

**Z = Dimming Zone**  
Dimming Control Wires

**DL = Daylight Zone**  
Daylight Dimming Control Wires

**DC = Daylight Circuit**  
Switched Hot / Separate Neutral

**EC = Emergency Circuit**  
Switched Hot / Separate Neutral

**EM = Emergency Battery**  
Unswitched Hot / Shared Neutral

**ECD = Emergency Control Device**  
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



FOCAL POINT®

TOTAL RUN LENGTH: _____		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	
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Totals / Ordering Codes								

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.