Seem® 2

LED - SURFACE MOUNT | WET LOCATION
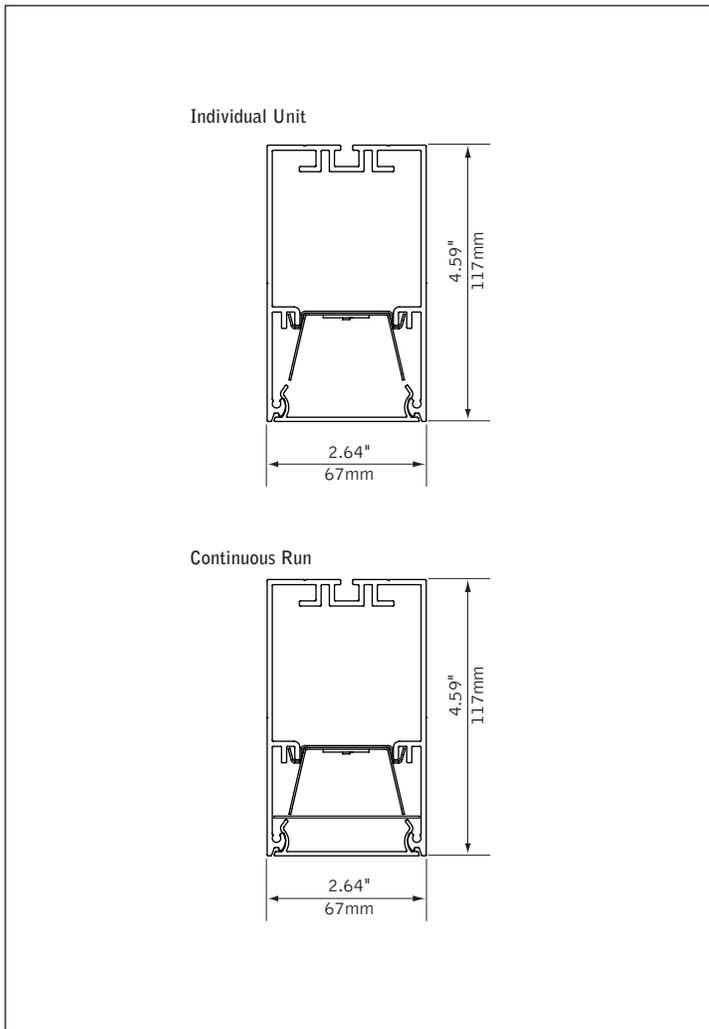
FOCAL POINT®

recessed companion

DIMENSIONAL DATA

Individual Unit

4.59"
117mm

2.64"
67mm

Continuous Run

4.59"
117mm

2.64"
67mm

FEATURES

Narrow extruded aluminum 2.5" linear direct LED.

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.

PERFORMANCE

4' Flush Lens
Nominal output:
250 Lumens per foot

Delivered Lumens: 1000lm

Total System Watts: 13W

PRODUCT OVERVIEW

Lumen Output:	500-2500lm
Wattage:	5-33W
LPW:	76-96
SDCM:	3

Photometric performance is measured in accordance with IESNA LM-79.
Visit focalpointlights.com for complete photometric data.

DETAILS

Standard Patterns with 90° Corners

'L' Patterns - A'xB'
Order: 8'x6'
Order: 6'x8'

Rectangular Patterns - A'xB'R
Order: 8'x6'R

'U' Patterns - A'xB'xC'
Order: 8'6'x4'
Order: 8'x6'x4'

Ordering examples assume A=8', B=6' & C=4'

Specify clockwise from start of run.

Start of run is always at first specified run length.
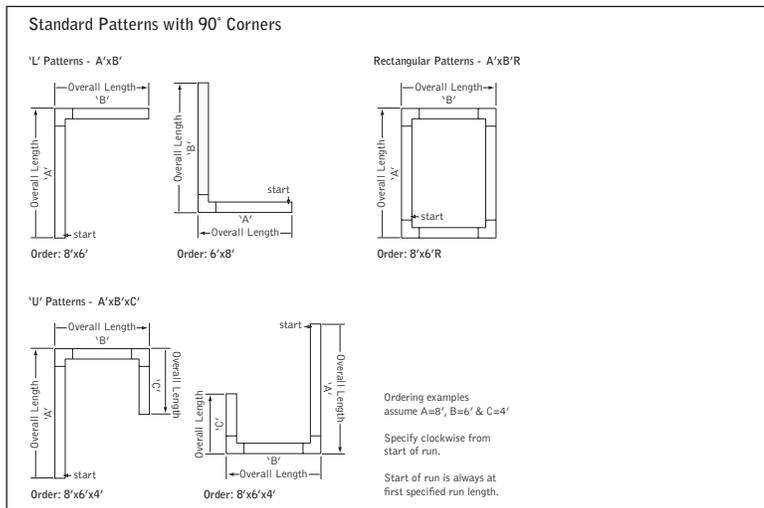
SPECIFICATIONS

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 3000K, 3500K or 4000K with CRI>80, 3SDCM. LED modules and drivers are replaceable from below.

Construction

One piece extruded aluminum housing. Cast aluminum end caps. 3' unit weight: 7.2 lbs., 4' unit weight: 9.6 lbs., 5' unit weight: 12 lbs.

Optic

Reflectors fabricated of 22 Ga. steel finished in High Reflectance White powder coat. Extruded acrylic lens .07" thick 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. Power factor > .9.

Emergency Battery

Output - 10 watts for 90 minutes. Maximum mounting height: 17.9ft.

Labels

UL and cUL Listed. Suitable for Dry, Damp or Wet Locations, indoor use only. Specify Outdoor rated (OD) for outdoor covered ceiling applications.

Finish

Polyester powder coat applied over a multi-stage pre–treatment. Canopy and cord white as standard.

Lumen Maintenance

Reported: L70 > 61,000 hours   Calculated: L70 at > 270,000 hours
           L90 > 61,000 hours   L90 at > 73,000 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

Shielding	Lumens per Foot	Delivered Lumens	Tested System Watts	LPW
	125LF	500	5	96
	250LF	1000	13	80
Flush Lens	375LF	1500	19	79
	625LF	2500	33	76

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

Focal Point LLC reserves the right to change specifications for product improvement without notification.

ORDERING

Luminaire Series	**FSM2LWLS**
Seem 2 LED Wet Location	FSM2LWLS
Shielding	**FL**
Flush Satin Lens	FL
Lumen Output	
125 Lumens per foot (LD1 & L11 only. 4' minimum.)	125LF
250 Lumens per foot (LD1 & L11 only. 4' minimum.)	250LF
375 Lumens per foot (4' minimum with LH1.)	375LF
625 Lumens per foot (3' minimum with LH1.)	625LF
Color Temperature	
3000K, 80+ CRI	30K
3500K, 80+ CRI	35K
4000K, 80+ CRI	40K
Circuits & Zones	
1 Circuit, non-emergency	1C
Consult Ordering Guide on page 3 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 (3' minimum length)	LH1
Mounting	**SM**
Surface Mount	SM
Factory Options (See Ordering Guide on page 3 for ordering details for DC, EC, EM & ECD.)	
Daylight Circuit	_DC
Emergency Circuit	_EC
Emergency Battery Pack[†]	_EM
Emergency Control Device[†]	_ECD
[†](4' minimum. Not available at corners.)	
Outdoor Rated (LD1 only. Not available with EM.)	OD
Finish	**WH**
Matte White Housing	WH
Luminaire Length (3' minimum length)	
Specify luminaire/row length in 1' increments	X'
Pattern Options (3' minimum length)	
'L' pattern	A' x B'
'U' pattern	A' x B' x C'
Rectangular pattern	A' x B' R

Ordering Guide

Linear Circuitry, Zones & Factory Options

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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: ___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	
EXAMPLE	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

Section 1 Section 2 Section 3 Section 4
EM BATTERY
1C — 2C — 1DC
1Z — 2Z
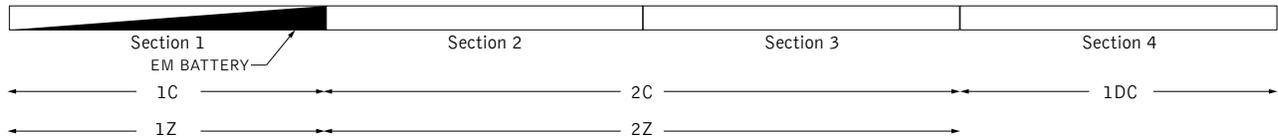
KEY

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

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TOTAL RUN LENGTH: _____ **JOB NAME:** _____ **FIXTURE TYPE:** _____

WORKSHEET

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								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Totals / Ordering Codes								

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.