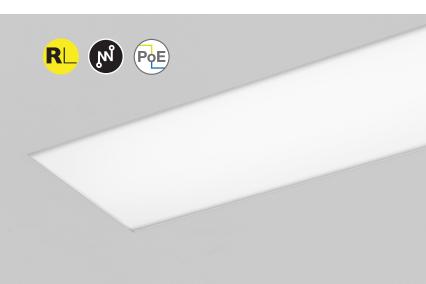
## Seem<sup>®</sup> 6 Drywall/Hard/Specialty Ceiling



FOCAL POINT<sup>®</sup>









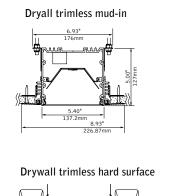
end detail

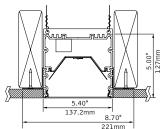
corner detail

pop-down lens companion

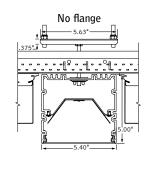
grid ceiling companion

#### **DIMENSIONAL DATA**



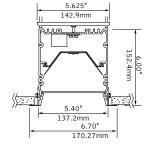


note: 0.375"min - 2.125"max ceiling thickness

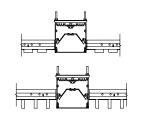


Drywall trim flange 5.625" 142.9mr ( 137.2r 6.70 170.27

Drywall trim flange regress lens



Specialty ceiling examples



#### FEATURES

Narrow extruded aluminum 6" aperture recessed slot LED.

Integrates with ceiling or wall in a variety of mounting styles for a clean, unobtrusive aesthetic.

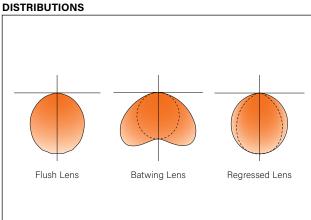
Individual units and continuous runs in 1" increments.

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.

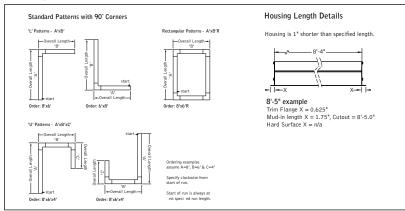
Connected Solutions: Integrates with wired and wireless building lighting control systems.

PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.



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

#### 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, 20 Ga. steel end caps. Housing for new construction applications. XFW acceptable for use with wood, consult factory for Type IC availability. 2' unit weight: 18 lbs., 3' unit weight: 24 lbs., 4' unit weight: 30 lbs., 5' unit weight: 36 lbs.

#### Optic

Reflectors fabricated of 22 Ga. steel finished in High Reflectance White powder coat. Extruded acrylic lens .085" 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. Dimming range 100% to 10%. Power factor > .9. PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires. PoE runs require an independent PoE node and power feed for each luminaire section.

#### Emergency

Emergency Battery output - 10 watts for 90 minutes. Maximum mounting height: 18.8ft. Emergency Circuit with Connected Solutions (LMFS1, LMFSD, ENL1, WLXP) shipped standard with leads to connect UL924 compliant device, by others.

#### Labels

UL and cUL listed. Suitable for Dry or Damp Locations, indoor use only.

#### Finish

Polyester powder coat applied over a multi-stage pre-treatment.

#### Lumen Maintenance

Reported:	L70 > 61,000 hours	Calculated:	L70 at > 350,000 hours					
	L90 > 61,000 hours		L90 at > 90,000 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

QS

LED system rated for operation in ambient environments up to 25°C. 5-year limited warranty.

### **4' PERFORMANCE CHART**

			LPW						
Lumen Output	Delivered Lumens	Tested System Watts	FL	BW	SR	SRXP			
375	1500	18	88	98	90	100			
625	2500	31	87	98	90	100			
875	3500	44	85	95	90	99			
1000	4000	51	85	94	88	97			
1125	4500	54	84	94	86	96			
1250	5000	61	82	92	87	97			

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

**10 DAY** 

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

ORDERING		
Luminaire Series Seem 6 LED	FSM6L	FSM6
Shielding	TOMOL	
Batwing Lens	BW	
Flush Lens Regressed Lens*	FL SR	
Regressed High Performance Lens*	SRXP	
*(Ceiling applications only)		
Lumen Output 375 Lumens per foot	375LF	
(Not available with LH1.) 625 Lumens per foot	625LF	
(4' minimum with LH1. Patterns not available with LH1.)		
875 Lumens per foot (3' minimum with LH1. Patterns not available with LH1.)	875LF	
1000 Lumens per foot 1125 Lumens per foot	1000LF 1125LF	
1250 Lumens per foot	1250LF	
Color Temperature		
2700K, 80+ CRI <b>or</b> 90+ CRI	27K <b>or</b> 927K	
3000K, 80+ CRI or 90+ CRI	30K or 930K	
3500K, 80+ CRI <b>or</b> 90+ CRI 4000K, 80+ CRI <b>or</b> 90+ CRI	35K or 935K 40K or 940K	
Circuits & Zones	401001 34010	
1 Circuit, non-emergency	1C	
Consult Ordering Guide on page 4 for multiple	_C_Z_DL	
circuiting and zoning options Voltage		
120/277 UNV Volt	UNV	
Low voltage	LV	
Control System & Dimming Level 0-10V - 10% Dimming	LD1	
0-10V - 1% Dimming	L11	
Low Voltage, PoE compatible (No driver. Not available with EM or EC. LV Voltage only.)	LVN	
utron Hi-Lume EcoSystem (LDE1) - 1% Dimming	LH1	
DALI 1% Dimming	D11	
(Not available with patterns.) Wattstopper Fixture Sensor**1	LMFS1	
Wattstopper Fixture Sensor**1 Low Density – 1% Dimming		
Wattstopper Fixture Sensor** <sup>1</sup> High Density – 1% Dimming	LMFSD	
Enlighted Smart Sensor - 1% Dimming)**1		
WaveLinx Pro – 1% Dimming)**1	WLXP	
**(3' minimum length, with ECD/EM - 7' minimum. XF1, XF2 and XFF only)		
1 ( <u>See sensor layout guide</u> ) Ceiling Configurations		
No Flange for specialty ceilings (Ex. slat, panel, cloud systems. 3' minimum with Lutron Drivers)	NF	
(Ex. slat, panel, cloud systems. 3' minimum with Lutron Drivers) Trim Flange Drywall	TF	
(3' minimum with Lutron Drivers)		
(3' minimum with Lutron Drivers)	TFW	
Mud-in Trimless, pre-set for 1/2" Drywall Mud-in Trimless, pre-set for 5/8" Drywall	XF1 XF2	
Mud-in Trimless, set thickness in field	XFF	
(Mounting equipment assembled in field) Non-Drywall Hard Surface	XEN	
Hard Surface, Wood	XFW	
Factory Options (See Ordering Guide on page 4		
for ordering details for DC, EC, EM & ECD.)	CD	
Chicago Plenum (Not available with Flex Whip)	CP -	
Daylight Circuit	_DC	
Emergency Circuit	_EC	
Emergency Battery Packt	_EM	
Emergency Control Devicet t(4' minimum. 6' minimum with patterns. 120/277 Volt only.	_ECD	
Not available at corners.) 6' New York City Flex Whip (120V)	FNY1	
6' New York City Flex Whip (277V)	FNY2	
6' Flex Whip	FW	
Finish	· · · · · ·	WH
Matte White Housing Luminaire Length	WH	ft
Specify luminaire/row length in 1" increments (2" minimum, lengths are nominal 1" increments	_ft _in	
Housing length is 1 shorter than specified. Leave blank for patterns.		
Smaller increments available, consult factory.) Pattern Options		
(4' minimum length)		
'L' pattern 'U' pattern	A' x B' A' x B' x C'	
Rectangular pattern	A X B X C A' X B' R	
(Consult factory for other pattern options)		

in

Lutron Hi-L



# Seem<sup>®</sup> 6

Focal Point provides flexibility in meeting the needs of each project by integrating with several building lighting control systems. A variety of sensors, drivers and other components can be specified that allow the luminaires to communicate with wired and wireless networks. All zoning can be digitally reconfigured through the application software. Daylight harvesting, occupancy sensing, integration with HVAC systems, and individual controls enable the monitoring and modulating of light levels and temperature in order to save energy, reduce costs and maximize occupants' comfort. All Connected Solutions luminaires require a compatible building control system.<sup>†</sup>

Connected Solution		Ordering Code	Model #**	Protocol	Compatible Networks*	Occupancy & Daylight	Temperature Reporting	Communication to Luminaire	Drivers
<b>La legrand</b> °	0	LMFS1	LMFS-601 & LMFI-111	DLM	DLM	Enabled	No	Wireless	Advance by Signify
WATTSTOPPER®		LMFSD	LMFS-601	Wireless	DEW	Enabled	110	Wireless	Optotronic by eldoLED (Dexal)
	0	WLXP	OEM-WAA	WaveLinx Wireless	WaveLinx Pro Trellix	Enabled	No	Wireless (WaveLinx Pro Wireless Area Controller)	Advance by Signify
CRESTRON		D11	Specified	DALI	Crestron Zūm - Wireless & SpaceBuilder	Enabled	No	Wired	eldoLED ECOdrive
Conne	actions located under s panel.	L11	Driver	0-10V					Advance by Signify
		ENL1	SU-5E-IOT	Enlighted RF	Enlighted	Integrated	Yes	Wireless	Advance by Signify
	Connections located under access panel.	LH1	LDE1	EcoSystem	Quantum, Energi Savr Node, Energi TriPak	Enabled	No	Wired	Lutron Hi-Lume

\*Not all compatible networks may be listed. \*\*For performance data and additional control system details please visit the connected solutions manufacturer websites. Primary drivers are listed in **bold.** To specify a particular driver please consult factory. +Controls systems supplied by others.

### 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.

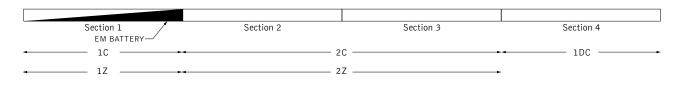
Refer to the run chart for standard run configurations, consult factory for custom configurations.

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:		32ft JOB NAME:			FIXTURE TYPE:				
			SHARED ELECTRICAL FEED,			FACTORY OPTIONS				
EXAMPLE	HOUSING	SECTION		NORMAL POWER			SEPARATE ELECTRICAL FEEDS			
	SECTION	LENGTH	SWITCHING CIRCUIT	DIMMING ZONE	DAYLIGHT ZONE	DAYLIGHT CIRCUIT	EMERGENCY CIRCUIT	ECD	EM	
	1	8	1C	1Z					1EM	
Ē	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	<b>DC = Daylight Circuit</b>
Switched Hot / Shared Neutral	Switched Hot / Separate Neutral
<b>Z = Dimming Zone</b>	<b>EC = Emergency Circuit</b>
Dimming Control Wires	Switched Hot / Separate Neutral
<b>DL = Daylight Zone</b>	<b>EM = Emergency Battery</b>
Daylight Dimming Control Wires	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

				JOB NAME:		FIXTURE TYPE:					
			SHAR	ED ELECTRICAL	FEED,	FACTORY OPTIONS					
	HOUSING	SECTION		NORMAL POWER		SEPARATE ELECTRICAL FEEDS					
	SECTION	LENGTH	SWITCHING CIRCUIT	DIMMING ZONE	DAYLIGHT ZONE	DAYLIGHT CIRCUIT	EMERGENCY CIRCUIT	ECD	EM		
	1										
	2										
	3										
	4										
	5										
	6										
	7										
WOF	8										
WORKSHEET	9										
Ë	10										
	11										
	12										
	13										
	14										
	15										
	16										
	17										
	18										
	19										
	20										
	Totals / Orde	ering Codes									

Combine to create Circuits & Zones ordering code

Enter as individual Factory Options

#### **RUN CHART**

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	Standard run con	figurations, consult factory for custom
20	8 + 8 + 4	32	8 + 8 + 8 + 8	44	8 + 8 + 8 + 8 + 8 + 4	configurations.	ingulations, consult labiony for clastori