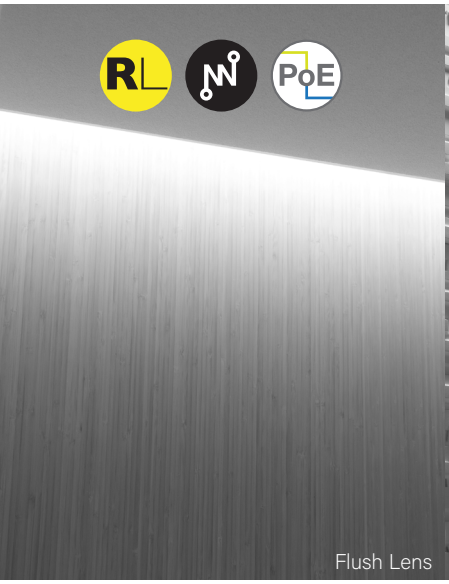
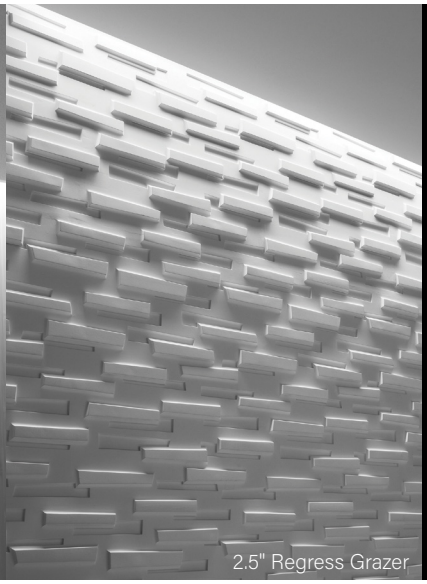
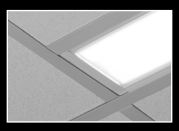
Seem® 2

LED PERIMETER

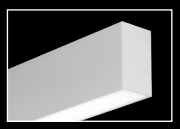
FOCAL POINT®

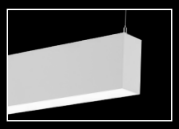





recessed companion

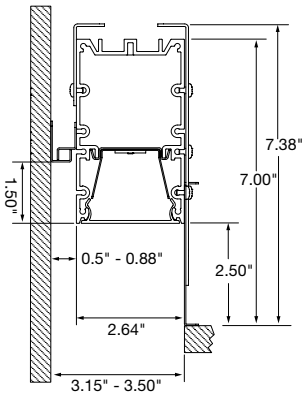

wall to ceiling companion


wall mount companion

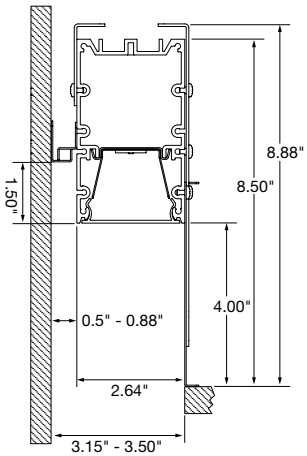

suspended companion

DIMENSIONAL DATA

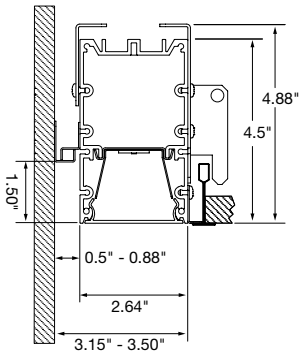
2.5" Regress (FL2, GR2)
Drywall/hard ceiling



4.0" Regress (FL4, GR4)
Drywall/hard ceiling

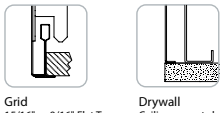


Flush (FL0 & AF0)
Lay-in Grid



Mounting Details

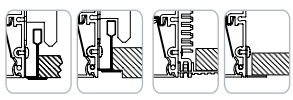
Regress options



Grid
15/16" or 9/16" Flat Tee main runner required at edge.

Drywall
Ceiling mounts below housing (structure by others).

Flush



Lay-in Grid | Slot Tee/ Tegular | Mud-in Drywall | Trim Flange

⚠ Luminaire must be installed prior to drywall

FEATURES

Seem 2 LED perimeter provides a glowing transition between ceiling and wall with flush, 1" regress, 2.5" regress or 4.0" regress lenses.

Adjustable housing option provides flexiblity with +/- 3 inch adjustability for wall-to-wall illumination.

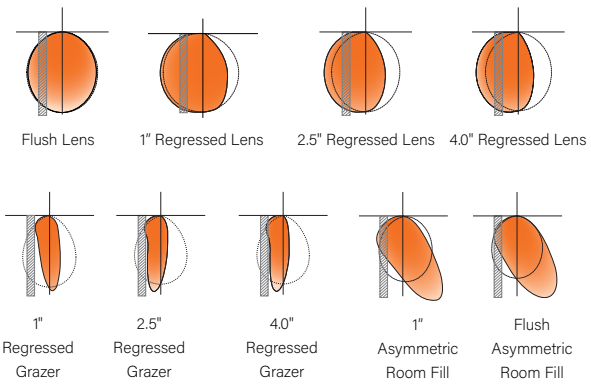
Grazer optic provides even vertical illumination and adds drama to a space by highlighting textured walls and architectural details.

Asymmetric Room Fill optic provides superior efficacy and uniformity to light rooms and corridors from the perimeter.

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.

DISTRIBUTIONS

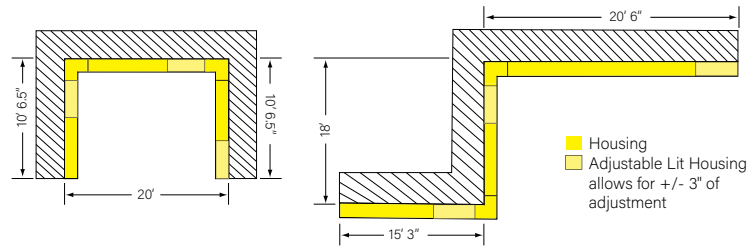


Photometric performance is measured in accordance with IESNA LM-79.
Visit focalpointlights.com for complete photometric data.

fixture: project:

PATTERN CONFIGURATIONS

Wall-to-wall dimensions required for pattern configurations.
ICR - 90º Inside Corner Right
OCL - 90º Outside Corner Left



PAT-10ft 6in-ICR-20ft-ICR-10ft 6in

PAT-15ft 3in-OCL-18ft-ICR-20ft 6in

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, bulkheads, sliding sleeve and regress leg. 4' unit weight: 17 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. 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 Battery

Output - 10 watts for 90 minutes. Maximum mounting height: 17.9ft. Emergency Circuit with Connected Solutions (DLM1, LMFS1, LMFSD, NLT1, ENL1, CLM1, NXE1, 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 at >61,000 hours	Calculated:	L70 at 270,000 hours
	L90 at >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.

4' PERFORMANCE CHART

See page 3.

ORDERING

		FSM2PR
Luminaire Series		
Seem 2 LED Perimeter	FSM2PR	
Housing Type		
Adjustable Lit Housing (Allows for +/- 3" adjustment to overall run length. 3' minimum luminaire length.)	ALH	
Fixed Housing (not recommended for wall to wall installations)	FXH	
Shielding		
Flush Lens (Not available with Unlit Sliding Sleeves - SSB)	FL0	
1.0" Regress	FL1	
2.5" Regress	FL2	
4" Regress	FL4	
1.0" Regress Grazer	GR1	
2.5" Regress Grazer	GR2	
4.0" Regress Grazer	GR4	
Flush Asymmetric Room Fill	AF0	
1.0" Regress Asymmetric Room Fill (Not available with Unlit Sliding Sleeves - SSB)	AF1	
Lumen Output		
125 Lumens per foot (LD1, L11 & D11 only. 4' minimum.)	125LF	
250 Lumens per foot (Not available with LH1. 4' minumum with D11.)	250LF	
375 Lumens per foot (4' minimum with LH1 & D11.)	375LF	
625 Lumens per foot (3' minimum with LH1.)	625LF	
Color Temperature		
2700K, 80+ CRI **or** 90+ CRI	27K **or** 927K	
3000K, 80+ CRI **or** 90+ CRI	30K **or** 930K	
3500K, 80+ CRI **or** 90+ CRI	35K **or** 935K	
4000K, 80+ CRI **or** 90+ CRI	40K **or** 940K	
Circuits & Zones		
1 Circuit, non-emergency	1C	
Consult Ordering Guide on page 5 for multiple circuiting and zoning options	_C_Z_DL	
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	
Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming	LH1	
DALI 1% Dimming	D11	
Wattstopper DLM - 1% Dimming* (Not available with CP)	DLM1	
Wattstopper Fixture Sensor* Low Density – 1% Dimming (Remote mounted sensor. See sensor layout guide)	LMFS1	
Wattstopper Fixture Sensor* High Density – 1% Dimming (Remote mounted sensor. See sensor layout guide)	LMFSD	
Acuity nLight - 1% Dimming* (Not available with CP.)	NLT1	
Enlighted Smart Sensor - 1% Dimming* (Remote mounted sensor. See sensor layout guide)	ENL1	
Encelium CLM Connected Lighting Module -* 1% Dimming	CLM1	
Current NX Enabled – 1% Dimming* (Not available with CP)	NXE1	
WaveLinx Pro – 1% Dimming* (Remote mounted sensor. See sensor layout guide) *(3' minimum length. 7' minimum length with FXH & EM. Not available with ALH & EM. G & ST mounting only.)	WLXP	
Mounting		
Flush (FL0 & AF0): Lay-in Grid	G	
Flush (FL0 & AF0): Slot Tee / Tegular	ST	
Flush (FL0 & AF0): Trim Flange Drywall	TF	
Flush (FL0 & AF0): Mud-in Trimless Drywall	XFF	
Regressed (AF1, FL1, FL2, FL4, GR1, GR2 & GR4): Grid	G	
Regressed (AF1, FL1, FL2, FL4, GR1, GR2 & GR4): Trimless Drywall	XF	
Factory Options (See Ordering Guide for ordering details for DC, EC, EM & ECD.)		
Chicago Plenum (Not available with Flex Whip)	CP	
Daylight Circuit	_DC	
Emergency Circuit	_EC	
Emergency Battery Pack†	_EM	
Emergency Control Device†	_ECD	
6' New York City Flex Whip (120V)	FNY1	
6' New York City Flex Whip (277V)	FNY2	
6' Flex Whip	FW	
Unlit Sliding Sleeves (Set of two unlit 12" sleeves. Fixed housing in straight runs only. FL2, FL4, GR2 & GR4 only. 3' minimum luminiare length.)	SSB	
Finish		WH
Matte White Housing	WH	
Luminaire Length		ft in
Specify luminaire/row length in 1" increments (2' minimum length)	_ft _in	
Pattern Options		
Specify patterns based on wall-to-wall dimensions (See Pattern Configurations for example)	PAT	

Example: FSM2LPR-ALH-FL2-625LF-35K-1C-120-LD1-G-WH-PAT-10-ICR-20-ICR-10

† 4' minimum length with EM or ECD. 120/277 Volt only. EM or ECD not available at corners.

QS **10 DAY** Options in orange qualify for the Quickship program. 1000' total. Refer to Quickship Guide for complete details.

4' PERFORMANCE CHART

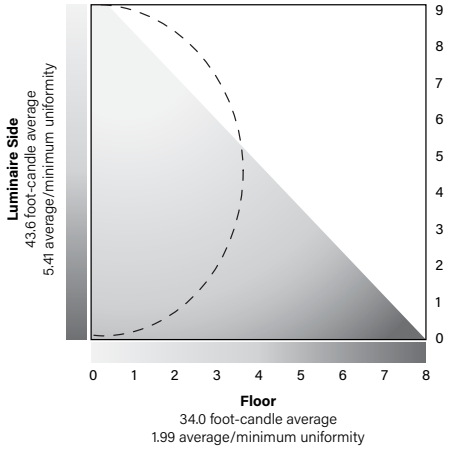
Lumen Output per Foot	Tested System Watts	Delivered Lumens | LPW																	
		FL0		FL1		FL2		FL4		GR1		GR2		GR4		AF1		AF0	
125LF	6.1	459	75	440	72	421	69	412	67	546	89	533	87	525	85	539	88	559	91
250LF	11.7	1071	92	1027	88	984	84	962	82	1275	109	1244	106	1225	105	1258	108	1304	111
375LF	17.5	1680	96	1611	92	1543	88	1509	86	2000	114	1951	112	1922	110	1973	113	2046	117
625LF	30.8	2870	93	2752	89	2635	86	2579	84	3417	111	3335	108	3281	107	3371	110	3496	114

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

SELECTING THE BEST OPTIC FOR EACH APPLICATION

8' W x 40' L x 9' H Corridor | 80/50/20 Reflectances | 0.9 Light Loss Factor

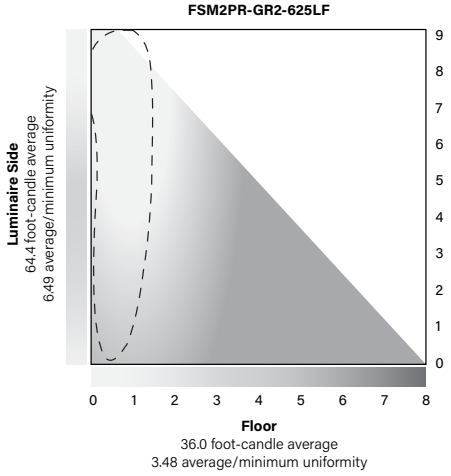
FSM2PR-FL0-625LF



Standard Lens

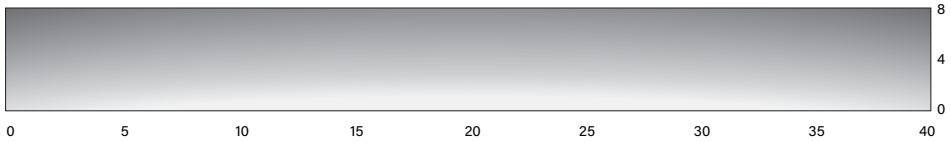
The standard optic results in a Lambertian light distribution that provides uniform illumination. It is ideal to create a glowing transition between the walls and ceiling, adding dimension to the space.

FSM2PR-GR2-625LF

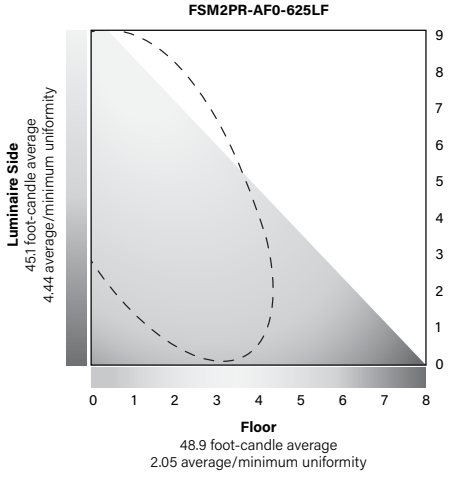


Grazer Lens

The grazer optic closely grazes walls, highlighting textures and architectural details. It is intended to provide even illumination and deliver maximum visual impact on the vertical surfaces.

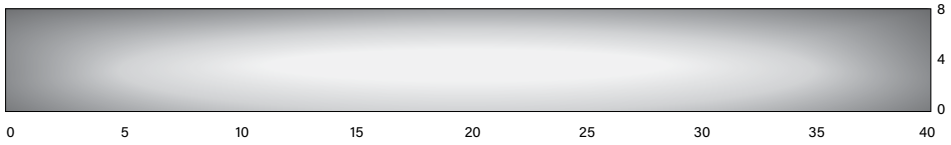


FSM2PR-AF0-625LF



Asymmetric Room Fill Lens

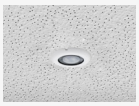
The asymmetric room fill optic projects light into the space to evenly illuminate horizontal planes. It is ideal to light rooms and corridors from the perimeter, resulting in superior efficacy and uniformity on the floor.



CONNECTED® SOLUTIONS

Seem® 2 Perimeter LED

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.†

Connected Solution		Ordering Code	Model #**	Protocol	Compatible Networks*	Occupancy & Daylight	Temperature Reporting	Communication to Luminaire	Drivers
legrand® WATTSTOPPER®		DLM1	LMFC-011	DLM	DLM	Enabled	No	Wired 	**Advance by Signify**, Optotronic by eldoLED
		LMFS1	LMFS-601 & LMFI-111	DLM Wireless	DLM	Enabled	No	Wireless	**Advance by Signify**
		LMFSD	LMFS-601						**Optotronic by eldoLED (Dexal)**
COOPER Lighting Solutions		WLXP	OEM-WAA	WaveLinx Wireless	WaveLinx Pro Trellix	Enabled	No	Wireless (WaveLinx Pro Wireless Area Controller)	**Advance by Signify**
CRESTRON	 Connections located under access panel.	D11	Specified Driver	DALI	Crestron Zūm Wireless & SpaceBuilder	Enabled	No	Wired	**eldoLED ECOdrive**
		L11		0-10V					**Advance by Signify**
ENCELIUM		CLM1	ZBHA-CLM-DIM-ENC	ZigBee	Encelium X Light Management System	Enabled	No	Wireless	**Optotronic by eldoLED** Advance by Signify
Enlighted		ENL1	SU-5E-IOT	Enlighted RF	Enlighted	Integrated	Yes	Wireless	**Advance by Signify**
LUTRON	 Connections located under access panel.	LH1	LDE1	EcoSystem	Quantum, Energi Savr Node, Energi TriPak	Enabled	No	Wired	**Lutron Hi-Lume**
nLIGHT	 Connections located under access panel.	NLT1	nEPS-60-IO	nLight	nLight	Enabled	No	Wired 	**eldoLED ECOdrive,** eldoLED SOLOdrive
NX LIGHTING CONTROLS	 NXE1 adds 0.78" to overall height.	NXE1	NXFM-LV	NX	NX Distributed Intelligence	Enabled	No	Wired 	**Optotronic by eldoLED**

*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.