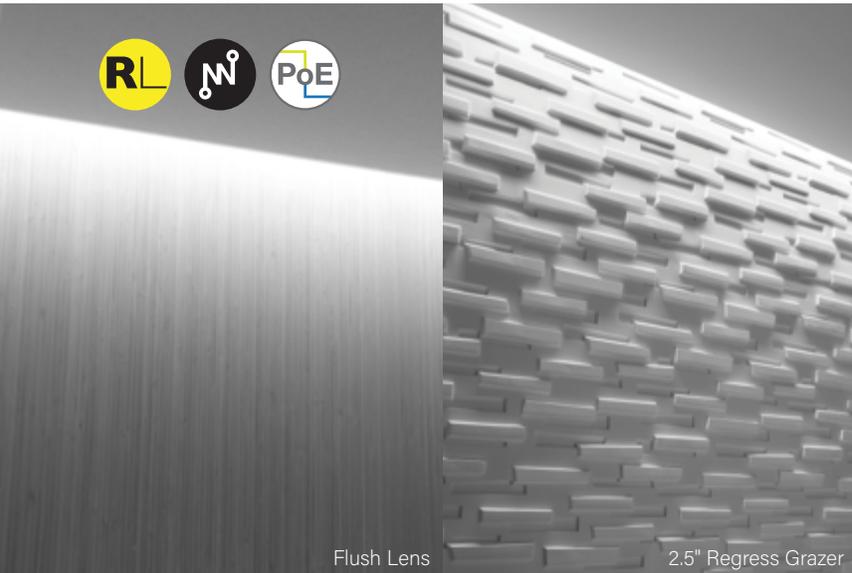


Seem[®] 2

LED PERIMETER



Flush Lens

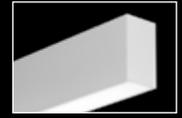
2.5" Regress Grazer



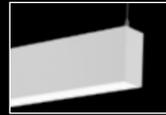
recessed companion



wall to ceiling companion

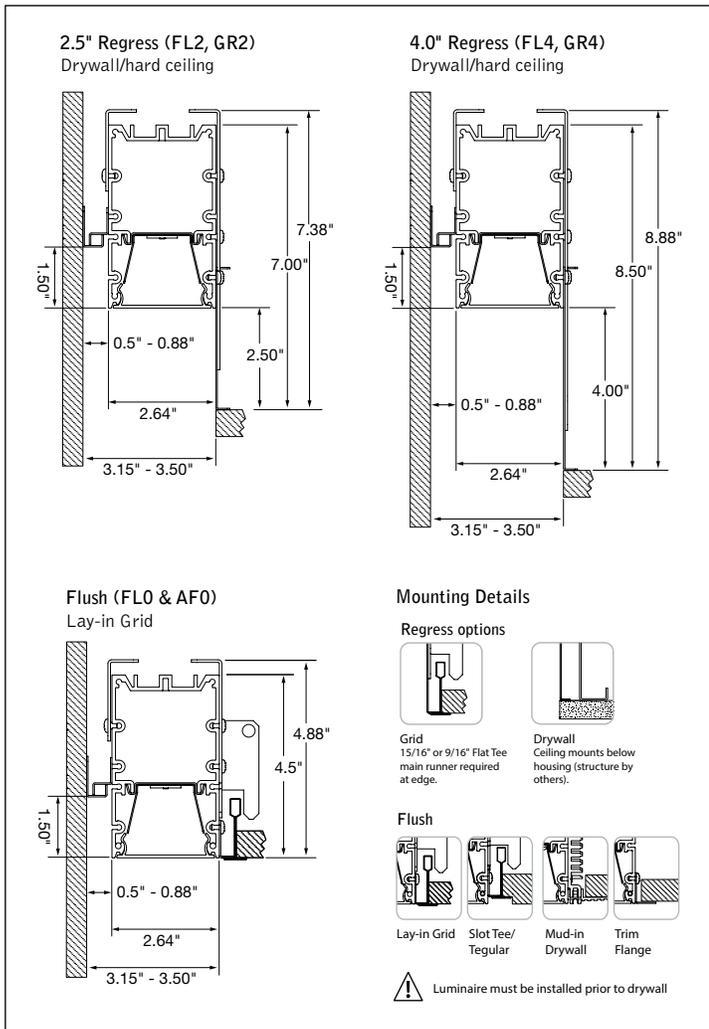


wall mount companion



suspended companion

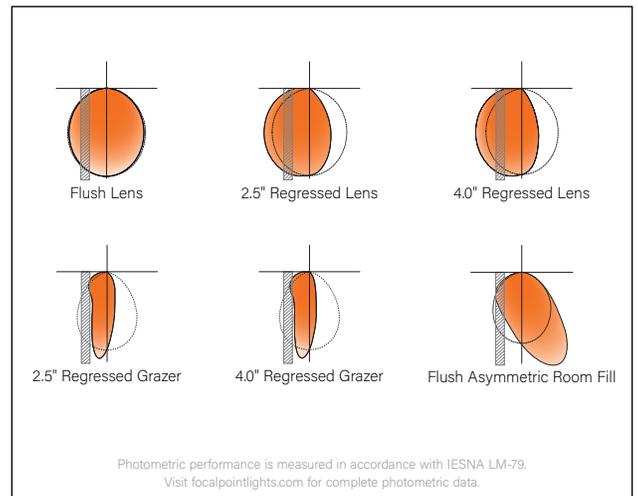
DIMENSIONAL DATA



FEATURES

- Seem 2 LED perimeter provides a glowing transition between ceiling and wall with flush, 2.5" regress or 4.0" regress lenses.
- Adjustable housing option provides flexibility 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.

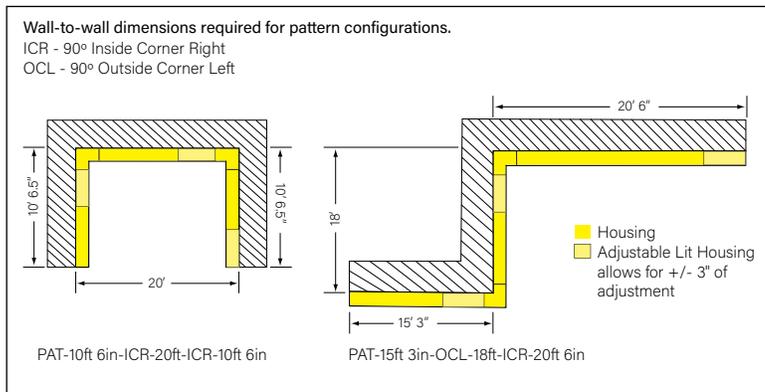
DISTRIBUTIONS



fixture:

project:

PATTERN CONFIGURATIONS



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, LMFS1D, 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

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 **FL0**
 (Not available with Unlit Sliding Sleeves - SSB)
2.5" Regress **FL2**
4" Regress **FL4**
2.5" Regress Grazer **GR2**
4.0" Regress Grazer **GR4**
Flush Asymmetric Razer Fill **AF0**
 (Not available with Unlit Sliding Sleeves - SSB)

Lumen Output

125 Lumens per foot **125LF**
 (LD1, L11 & D11 only. 4' minimum.)
250 Lumens per foot **250LF**
 (Not available with LH1. 4' minimum with D11.)
375 Lumens per foot **375LF**
 (4' minimum with LH1 & D11.)
625 Lumens per foot **625LF**
 (3' minimum with LH1.)

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 **LVN**
 (No driver. Not available with EM or EC. LV Voltage only)
Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming **LH1**
DALI 1% Dimming **D11**
Wattstopper DLM - 1% Dimming* **DLM1**
 (Not available with CP)
Wattstopper Fixture Sensor* **LMFS1**
Low Density - 1% Dimming
 (Remote mounted sensor. See sensor layout guide)
Wattstopper Fixture Sensor* **LMFSD**
High Density - 1% Dimming
 (Remote mounted sensor. See sensor layout guide)
Acuity nLight - 1% Dimming* **NLT1**
 (Not available with CP)
Enlighted Smart Sensor - 1% Dimming* **ENL1**
 (Remote mounted sensor. See sensor layout guide)
Encelium CLM Connected Lighting Module - 1% Dimming* **CLM1**
Current NX Enabled - 1% Dimming* **NXE1**
 (Not available with CP)
WaveLinx Pro - 1% Dimming* **WLXP**
 (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.)

Mounting

Lay-in Grid **G**
Flush **Slot Tee / Tegular** **ST**
(FL0 & AF0) **Trim Flange Drywall** **TF**
Mud-in Trimless Drywall **XFF**

Regressed **Grid** **G**
(FL2, FL4, GR2 & GR4) **Trimless Drywall** **XF**

Factory Options

(See Ordering Guide for ordering details for DC, EC, EM & ECD.)
Chicago Plenum **CP**
 (Not available with Flex Whip)
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 **SSB**
 (Set of two unlit 12" sleeves. Fixed housing in straight runs only. FL2, FL4, GR2 & GR4 only. 3' minimum luminaire length.)

Finish

Matte White Housing **WH**

Luminaire Length **ft in**
Specify luminaire/row length in 1" increments **_ft_in**
 (2' minimum length)

Pattern Options

Specify patterns based on wall-to-wall dimensions **PAT**
 (See Pattern Configurations for example)
 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.

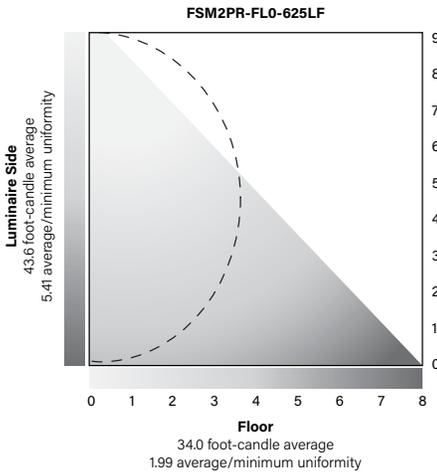
4' PERFORMANCE CHART

Lumen Output per Foot	Tested System Watts	Delivered Lumens LPW											
		FL0		FL2		FL4		GR2		GR4		AF0	
125LF	6.1	459	75	421	69	412	67	533	87	525	85	559	91
250LF	11.7	1071	92	984	84	962	82	1244	106	1225	105	1304	111
375LF	17.5	1680	96	1543	88	1509	86	1951	112	1922	110	2046	117
625LF	30.8	2870	93	2635	86	2579	84	3335	108	3281	107	3496	114

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

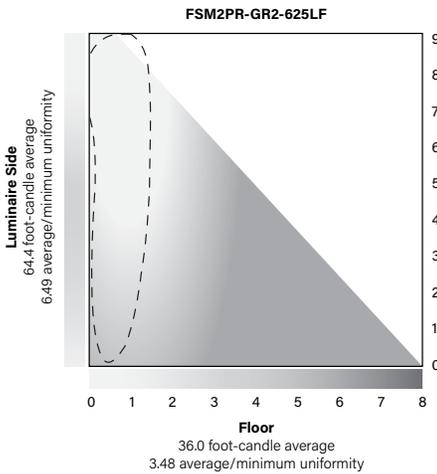
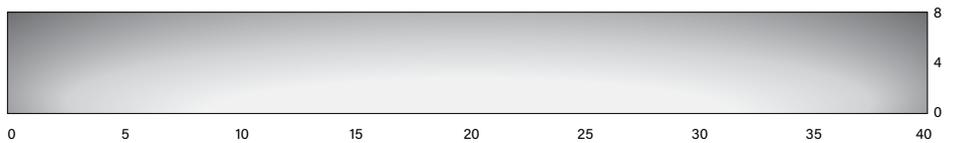
SELECTING THE BEST OPTIC FOR EACH APPLICATION

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



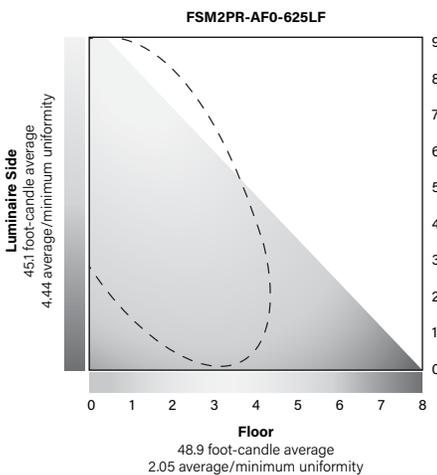
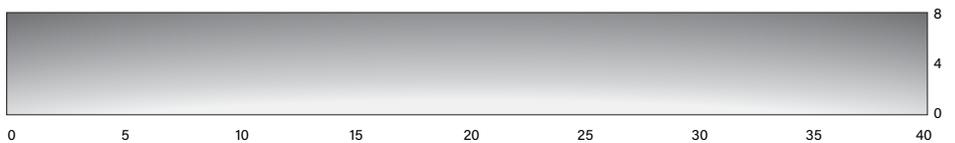
Standard Lens

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.



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.



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.

