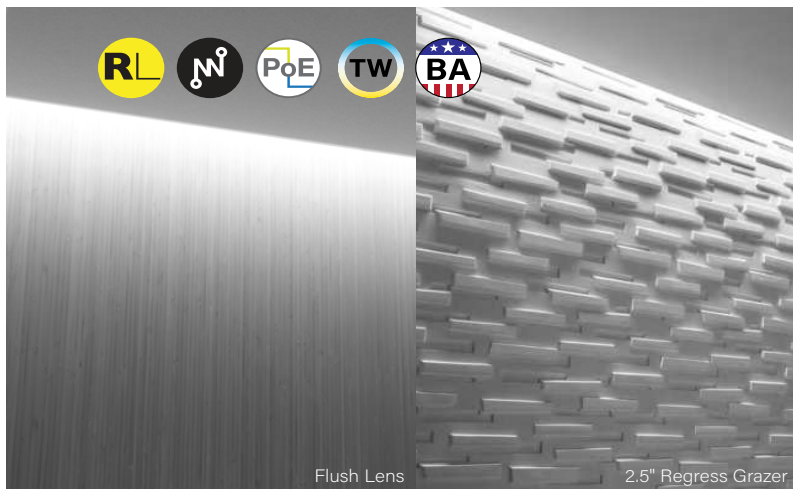
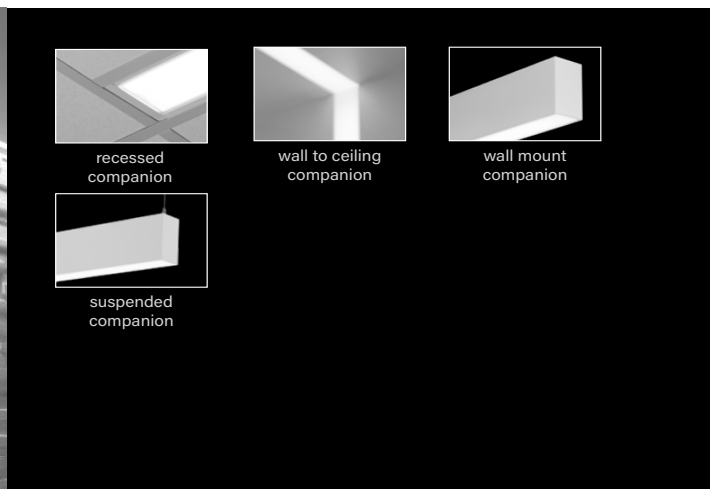
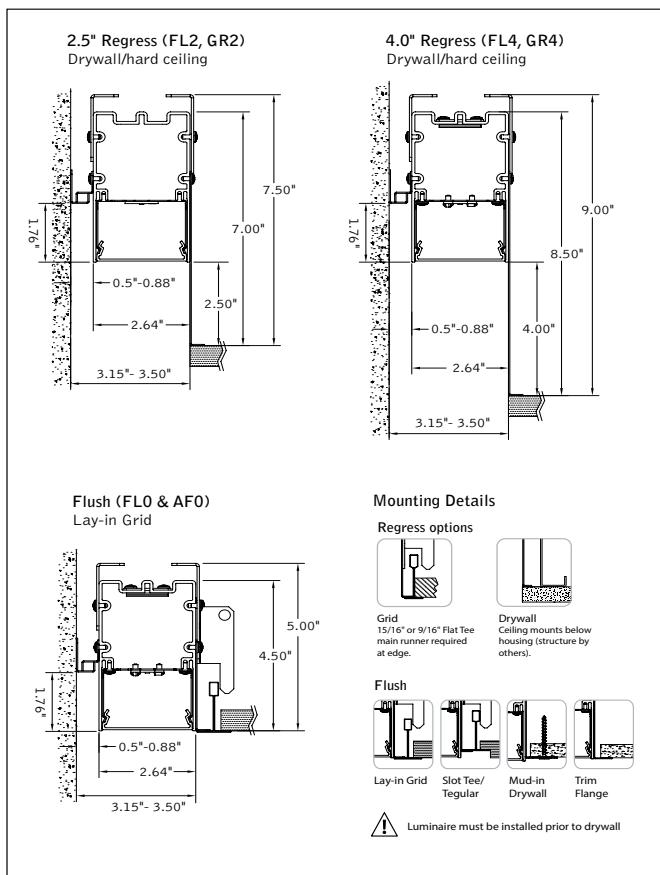


Seem® 2

LED PERIMETER



DIMENSIONAL DATA



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.

Easy +/- 3 inch post-installation adjustability for continuous wall-to-wall illumination.

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

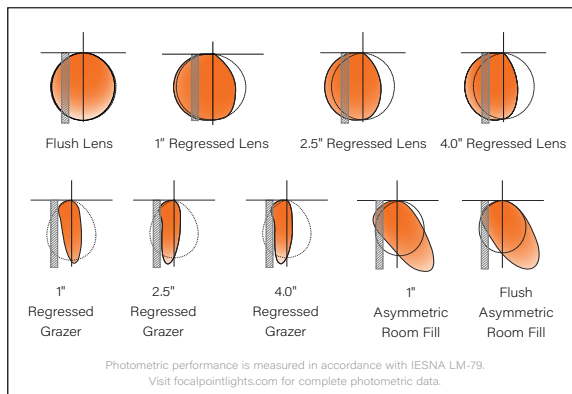
Asymmetric Room Fill optic provides superior efficacy and uniformity to light rooms and corridors from the perimeter.

Tunable White: Supports human activity, well-being, and preferences with a light quality that evolves throughout the day.

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:

4' PERFORMANCE CHART

Shielding	Lumen Output	Delivered Lumens	Tested System Watts	LPW
Flush Lens	125LF	500	5.5	92
	250LF	1000	8.9	112
	375LF	1500	12.2	122
	625LF	2500	20.5	122
	750LF	3000	24.6	122
	875LF	3500	28.9	121
	1000LF	4000	33.3	120
1.0" Regress	125LF	500	5.6	90
	250LF	1000	9.2	109
	375LF	1500	12.6	119
	625LF	2500	21.3	118
	750LF	3000	25.6	117
	875LF	3500	30.1	116
	1000LF	4000	34.7	115
2.5" Regress	125LF	500	5.7	88
	250LF	1000	9.5	105
	375LF	1500	13.2	114
	625LF	2500	22.3	112
	750LF	3000	26.9	112
	875LF	3500	31.6	111
	1000LF	4000	36.5	110
4.0" Regress	125LF	500	5.9	85
	250LF	1000	9.7	103
	375LF	1500	13.9	108
	625LF	2500	23.5	107
	750LF	3000	28.3	106
	875LF	3500	33.4	105
	1000LF	4000	38.6	104
1.0" Regress Grazer	125LF	500	5.9	85
	250LF	1000	9.5	105
	375LF	1500	13.0	115
	625LF	2500	20.9	120
	750LF	3000	26.0	116
	875LF	3500	30.4	115
	1000LF	4000	35.0	114
2.0" Regress Grazer	125LF	500	5.9	84
	250LF	1000	9.7	103
	375LF	1500	13.3	113
	625LF	2500	21.4	117
	750LF	3000	26.6	113
	875LF	3500	31.2	112
	1000LF	4000	36.0	111
4.0" Regress Grazer	125LF	500	5.9	84
	250LF	1000	9.7	103
	375LF	1500	13.4	112
	625LF	2500	22.4	111
	750LF	3000	27.1	111
	875LF	3500	31.8	110
	1000LF	4000	36.6	109
Flush Asymmetric Room Fill	125LF	500	5.6	89
	250LF	1000	8.5	118
	375LF	1500	11.6	130
	625LF	2500	18.6	134
	750LF	3000	23.1	130
	875LF	3500	27.1	129
	1000LF	4000	31.1	129
1.0" Regress Asymmetric Room Fill	125LF	500	5.5	90
	250LF	1000	8.7	116
	375LF	1500	11.9	126
	625LF	2500	19.1	131
	750LF	3000	23.8	126
	875LF	3500	27.8	126
	1000LF	4000	32.0	125

Based on 3500K, 80CRI, 4' lengths. Lumen multiplier 90+ CRI = 0.86. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.



Options in orange qualify for the Quickship program. 400' total. Refer to Quickship Guide for complete details.

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

STANDARD WHITE

Luminaire Series

Seem 2 LED Perimeter

Housing Type

Adjustable Lit Housing

(Allows for +/- 3" adjustment to overall run length. 3' minimum luminaire length. LD1, L1, LVN, & D11 only.)

Fixed Housing

(not recommended for wall to wall installations)

Shielding

Flush Lens*

1.0" Regress

2.5" Regress

4" Regress

1.0" Regress Grazer

2.5" Regress Grazer

4.0" Regress Grazer

Flush Asymmetric Room Fill*

1.0" Regress Asymmetric Room Fill

(Not available with Unit Sliding Sleeves - SSB)

Lumen Output

(LD1, L1 & D11 only. 4' minimum. Not available with patterns)

(3' minimum with LH1. Not available in patterns with LH1.)

125 Lumens per foot

250 Lumens per foot

375 Lumens per foot

625 Lumens per foot

750 Lumens per foot

875 Lumens per foot

1000 Lumens per foot

Color Temperature

2700K, 80+ CRI or 90+ CRI

3000K, 80+ CRI or 90+ CRI

3500K, 80+ CRI or 90+ CRI

4000K, 80+ CRI or 90+ CRI

Circuits & Zones

1 Circuit, non-emergency

Consult Ordering Guide for multiple circuiting and zoning options

Voltage

120/277 UNV Volt

Low Voltage

Control System & Dimming Level

0-10V - 10% Dimming

0-10V - 1% Dimming

Low Voltage, PoE compatible

(No driver. Not available with EM or EC. LV Voltage only.)

Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming²

(Not available with CP)

Wattstopper DLM - 1% Dimming²

(Not available with CP)

Wattstopper Fixture Sensor¹

Low Density - 1% Dimming

(Remote mounted sensor. See sensor layout guide)

Wattstopper Fixture Sensor¹

High Density - 1% Dimming

(Remote mounted sensor. See sensor layout guide)

Lutron Athena Wireless Node^{2,3}

Lutron Athena Wireless Sensor³

(Remote mounted sensor. See sensor layout guide)

Acuity nLight - 1% Dimming²

(Not available with CP)

Encelium CLM Connected Lighting Module - 1% Dimming²

Current NX Enabled - 1% Dimming²

(Not available with CP)

WaveLinux Pro - 1% Dimming¹

(Remote mounted sensor. See sensor layout guide)

¹(3' minimum length. 7' minimum length with FXH & ENK. Not available with ALH.) ²(G & ST mounting only.)

³(0-10V standard, consult factory for DALI)

Mounting

Lay-in Grid

Flush (FL0 & AF0)

Slot Tee / Tegular

Trim Flange Drywall

Mud-in Trimless Drywall

Regressed (AF1, FL1, FL2, FL4, GR1, GR2 & GR4)

Grid

Trimless Drywall

Factory Options

(See Ordering Guide for ordering details for DC, EC, EM & ECD.)

Chicago Plenum

(Not available with Flex Whip)

Daylight Circuit

Emergency Circuit

Emergency Battery Pack[†]

Emergency Control Device[†]

6' New York City Flex Whip (120V)

6' New York City Flex Whip (277V)

6' Flex Whip

Unlit Sliding Sleeves

(Set of two unlit 12" sleeves. Fixed housing in straight runs only. FL1, FL2, FL4, GR1, GR2 & GR4 only. 3' minimum length.)

Finish

Matte White Housing

Luminaire Length

Specify luminaire/row length in 1" increments (2' minimum length)

Pattern Options

Specify patterns based on wall-to-wall dimensions (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.



Job Name : Edward Jones Naples, FL
Manufacturer : FOCAL POINT
Model Number : FSM2PR-ALH-GRX-250LF-935K-1C-UNV-LD1-XF-WH-44'

Type :
L

fixture:

project:

TW 4' PERFORMANCE CHART

Shielding		Lumen Output	Delivered Lumens	Tested System Watts	LPW
Flush Lens		125LF	500	6.3	79
		250LF	1000	10.3	97
		375LF	1500	15.6	96
		625LF	2500	26.0	96
		750LF	3000	31.3	96
		875LF	3500	36.7	95
1.0" Regress		1000LF	4000	42.3	94
		125LF	500	6.4	78
		250LF	1000	10.6	94
		375LF	1500	16.1	93
		625LF	2500	27.0	93
		750LF	3000	32.5	92
2.5" Regress		875LF	3500	38.2	92
		1000LF	4000	44.0	91
		125LF	500	6.6	76
		250LF	1000	11.1	90
		375LF	1500	16.8	89
		625LF	2500	28.3	88
4.0" Regress		750LF	3000	34.1	88
		875LF	3500	40.2	87
		1000LF	4000	46.3	86
		125LF	500	6.8	73
		250LF	1000	11.2	89
		375LF	1500	17.6	85
1.0" Regress Grazer		625LF	2500	29.8	84
		750LF	3000	36.0	83
		875LF	3500	42.4	83
		1000LF	4000	49.0	82
		125LF	500	6.5	77
		250LF	1000	9.9	101
2.0" Regress Grazer		375LF	1500	14.8	101
		625LF	2500	23.8	105
		750LF	3000	29.6	101
		875LF	3500	34.7	101
		1000LF	4000	39.9	100
		125LF	500	6.4	78
4.0" Regress Grazer		250LF	1000	10.1	99
		375LF	1500	15.1	99
		625LF	2500	24.4	102
		750LF	3000	30.3	99
		875LF	3500	35.5	99
		1000LF	4000	40.9	98
Flush Asymmetric Room Fill		125LF	500	6.4	78
		250LF	1000	10.5	95
		375LF	1500	15.8	95
		625LF	2500	26.5	94
		750LF	3000	31.9	94
		875LF	3500	37.4	94
1.0" Regress Asymmetric Room Fill		1000LF	4000	43.1	93
		125LF	500	6.5	77
		250LF	1000	9.8	102
		375LF	1500	14.7	102
		625LF	2500	23.6	106
		750LF	3000	29.4	102
1.0" Regress Asymmetric Room Fill		875LF	3500	34.4	102
		1000LF	4000	39.5	101
		125LF	500	6.4	78
		250LF	1000	10.0	100
		375LF	1500	15.1	100
		625LF	2500	24.2	103
1.0" Regress Asymmetric Room Fill		750LF	3000	30.2	99
		875LF	3500	35.4	99
		1000LF	4000	40.7	98
		125LF	500	6.4	78

Based on 2700K, 90CRI, 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.



TUNABLE WHITE

Luminaire Series

Seem 2 LED Perimeter

FSM2PR

FSM2PR

Housing Type

Adjustable Lit Housing

(Allows for +/- 3" adjustment to overall run length. 3' minimum luminaire length. LD1, L11, LVN, & D11 only.)

ALH

Fixed Housing

(not recommended for wall to wall installations)

FXH

Shielding

Flush Lens

(Not available with Unit 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

AF1

(Not available with Unit Sliding Sleeves - SSB)

Lumen Output

125 Lumens per foot

125LF

250 Lumens per foot

250LF

375 Lumens per foot

375LF

625 Lumens per foot

625LF

750 Lumens per foot

750LF

875 Lumens per foot

875LF

1000 Lumens per foot

1000LF

Color Temperature

Tunable White: 2700-6500K, 80+ CRI

2765T

Tunable White: 2700-6500K, 90+ CRI

92765T

Circuits & Zones

1 Circuit, non-emergency

1C

Consult Ordering Guide for multiple circuiting and zoning options

_C_Z_DL

Voltage

120/277 UNV Volt

UNV

Control System & Dimming Level

DALI 1% Dimming

(Default driver offers DT6 control. It requires two addresses, one for intensity & one for CCT tuning. Consult factory for DT8. Extended lead time applies.)

D1TW

Mounting

Lay-in Grid

G

Slot Tee / Tegular

ST

Trim Flange Drywall

TF

Mud-in Trimless Drywall

XFF

Regressed (AF1, FL1, FL2, FL4, GR1, GR2 & GR4)

Grid

G

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)

FN1Y

6' New York City Flex Whip (277V)

FN2Y

6' Flex Whip

FW

Unlit Sliding Sleeves

SSB

(Set of two unlit 12" sleeves. Fixed housing in straight runs only. FL1, FL2, FL4, GR1, GR2 & GR4 only. 3' minimum length.)

Finish

Matte White Housing

WH

Luminaire Length

Specify luminaire/row length in 1" increments

ft in

(2' minimum length)

_ft_in

Pattern Options

Specify patterns based on wall-to-wall dimensions

PAT

(See Pattern Configurations for example)

Example: FSM2LPR-ALH-FL2-625LF-2765T-1C-10-D1TW-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.

Lumen Multiplier

Wattage Multipliers

CRI	Multiplier	CCT	Multiplier
80+	1.16	2700K	1.00
90+	1.00	3000K	0.96
		3500K	0.92
		4000K	0.89
		5000K	0.88
		5700K	0.87



Job Name : Edward Jones Naples, FL
Manufacturer : FOCAL POINT
Model Number : FSM2PR-ALH-GRX-250LF-935K-1C-UNV-LD1-XF-WH-44'

Type :
L

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, LMFS1, NLT1, 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.)

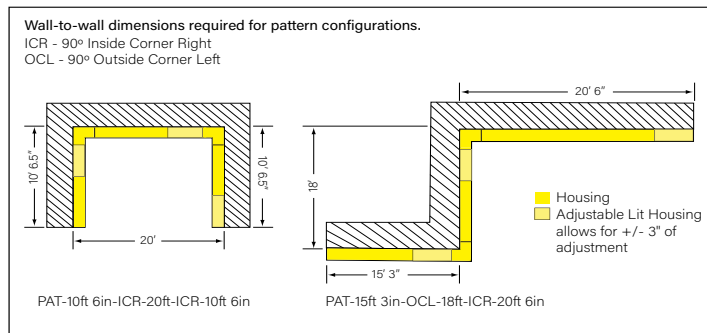
Reliability

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.

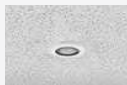
PATTERN CONFIGURATIONS





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	Enabled¹	No	Wired 	Advance by Signify, Optotronic by eldoLED
		LMFS1	LMFS-601 & LMFI-111	DLM Wireless	DLM	Integrated (remote)²	No	Wireless	Advance by Signify
		LMFSD	LMFS-601						Optotronic by eldoLED (Dexal)
 COOPER Lighting Solutions		WLXP	OEM-WAA	WaveLinx Wireless	WaveLinx Pro Trellix	Integrated (remote)²	No	Wireless (WaveLinx Pro Wireless Area Controller)	Advance by Signify
 CRESTRON	 Connections located under access panel.	D11	Specified Driver	DALI	Crestron Züm 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	Enabled¹	No	Wireless	Optotronic by eldoLED Advance by Signify
 LUTRON		LAW1	A-WN-D01-RF-WH	DALI, 0-10V	Athena Wireless	Enabled¹	No	Wireless	Advance by Signify
		LAWS	A-WN-D01-OCC-WH	DALI, 0-10V	Athena Wireless	Integrated (remote)²	No	Wireless	Advance by Signify
	 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	Enabled¹	No	Wired 	eldoLED ECOdrive, eldoLED SOLOdrive
 NX LIGHTING CONTROLS®	 NXE1 adds 0.78" to overall height.	NXE1	NXFM-LV	NX	NX Distributed Intelligence	Enabled¹	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. ‡Enabled: Fixture supplied with a node. Sensor by others. †Integrated (remote): Fixture supplied with a sensor to be installed in a remote location by others.

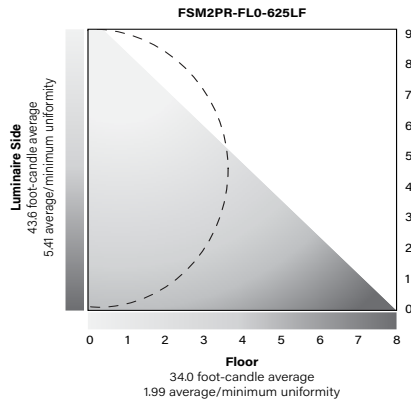


Job Name : Edward Jones Naples, FL
Manufacturer : FOCAL POINT
Model Number : FSM2PR-ALH-GRX-250LF-935K-1C-UNV-LD1-XF-WH-44'

Type :
L

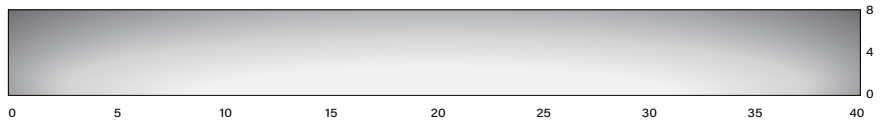
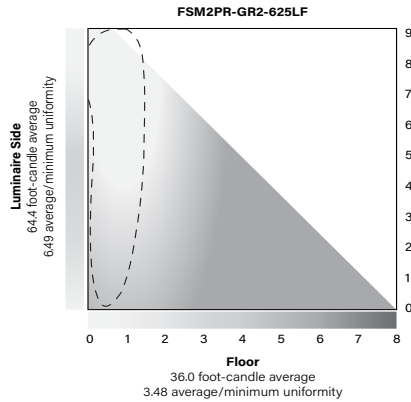
8' W x 40' L x 9' H Corridor | 80/50/20 Reflectances | 0.9 Light Loss Factor

SELECTING THE BEST OPTIC FOR EACH APPLICATION



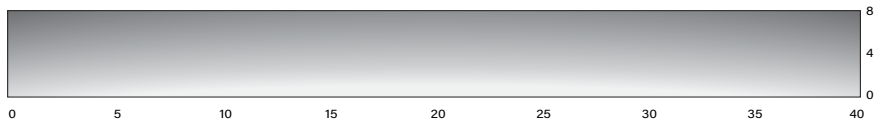
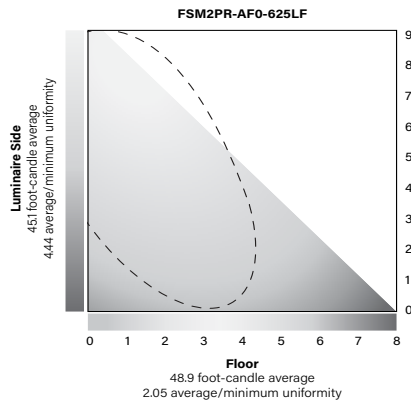
Standard Lens

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.



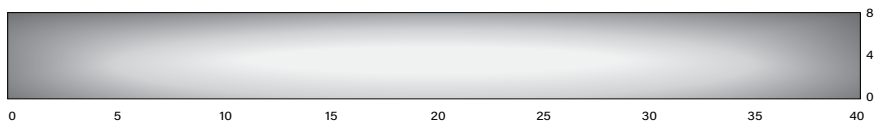
Grazer Lens

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.



Wall-to-Wall Symmetry