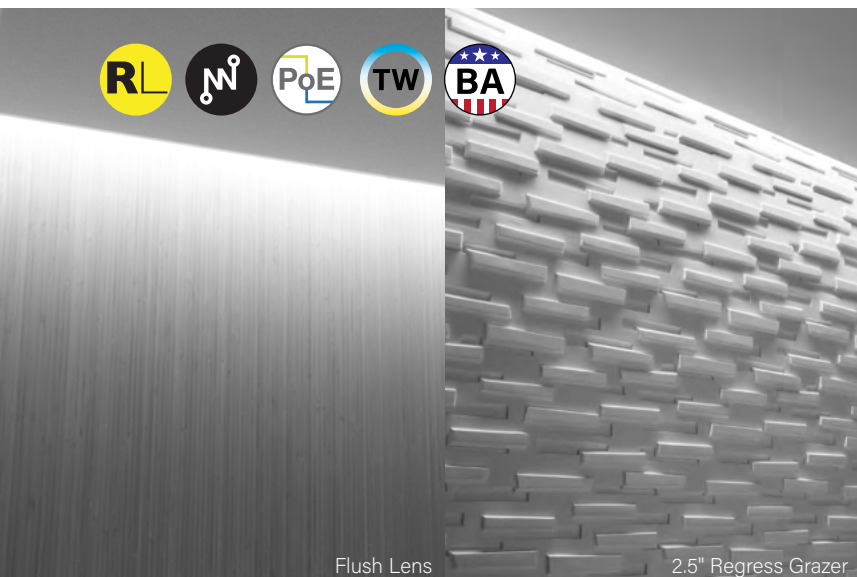


Seem® 2

LED PERIMETER



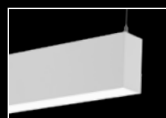
recessed companion



wall to ceiling companion

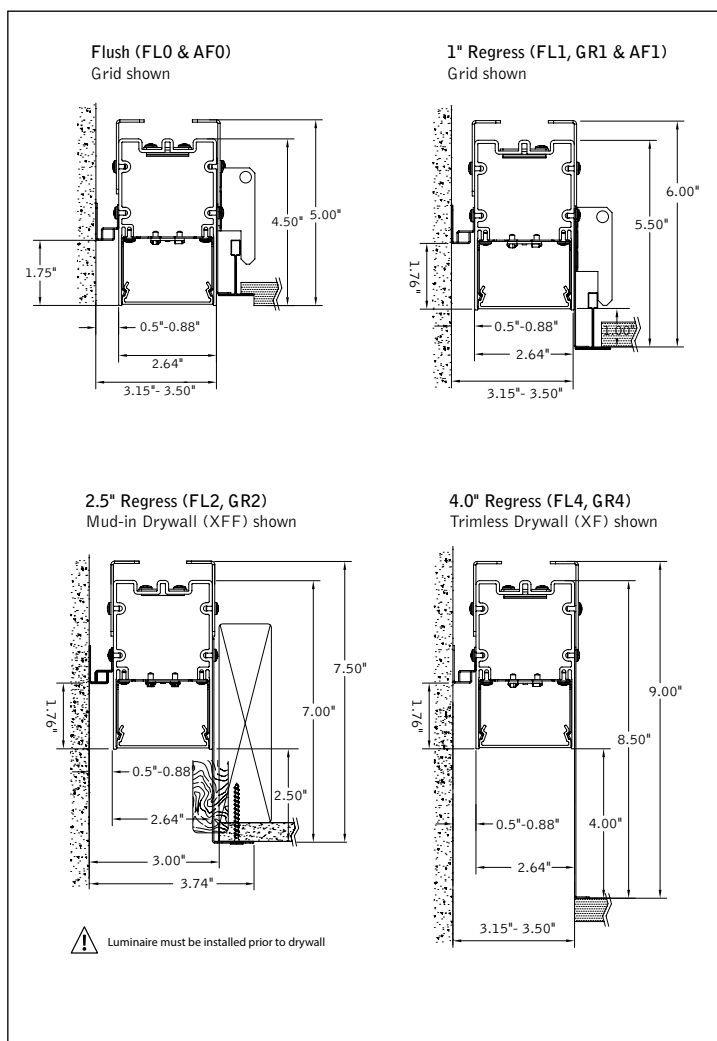


wall mount companion



suspended companion

DIMENSIONAL DATA



FEATURES

Seem 2 LED perimeter provides a glowing transition between ceiling and wall with flush, 1\"/>

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.

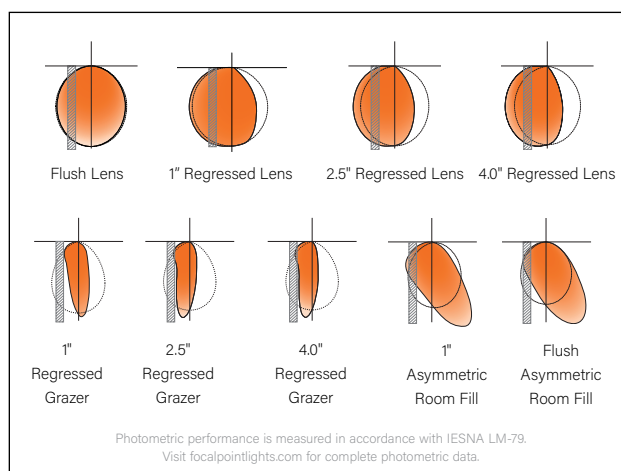
Asymmetric Room Fill optic provides superior efficacy and uniformity to light rooms and corridors from the perimeter.

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.

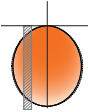
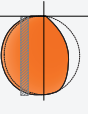
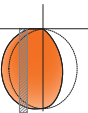
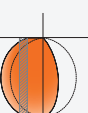
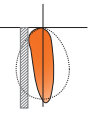
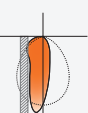
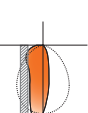
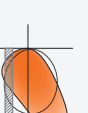
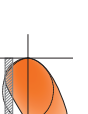
DISTRIBUTIONS



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%

QS 10 DAY 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	FSM2PR
Seem 2 LED Perimeter	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	FXH
(not recommended for wall to wall installations)	
Shielding	
Flush Lens*	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 Unlit Sliding Sleeves - SSB)	
Lumen Output	
125 Lumens per foot	125LF
250 Lumens per foot	250LF
(3' minimum with LH1. Not available in patterns with LH1.)	
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	
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 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 ^{1,2}	LH1
(Not available with CP)	
DALI 1% Dimming	D11
Wattstopper PLUS ^{1,2,3}	WSPC
Connected Light Module	
Wattstopper PLUS ^{1,3}	WSPS
SensiLUM Wireless Sensor	
(Remote mounted sensor. See sensor layout guide)	
Lutron Athena Wireless Node ^{1,2,3}	LAW1
Lutron Athena Wireless Sensor ^{1,3}	LAWS
(Remote mounted sensor. See sensor layout guide)	
Acuity nLight - 1% Dimming ^{1,2}	NLT1
(Not available with CP)	
Current NX Enabled - 1% Dimming ^{1,2}	NXE1
(Not available with CP)	
WaveLinux Pro - 1% Dimming ¹	WLXP
(Remote mounted sensor. See sensor layout guide)	
¹ (3' minimum length. 7' minimum length with FXH & EM. Not available with ALH.) ² (G & ST mounting only.) ³ (0-10V standard, consult factory for DALI)	
Mounting	
Grid	G
Slot Tee / Tegular	ST
(Flush shieldings only)	
Trim Flange Drywall	TF
(Flush shieldings only)	
Trimless Drywall	XF
(Regress shieldings only)	
Mud-in Trimless Drywall	XFF
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)	FN1
6' New York City Flex Whip (277V)	FN2
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	WH
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-10-1CR-20-1CR-10	

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

fixture:

project:



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
		1000LF	4000	42.3	94
1.0" Regress		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
		875LF	3500	38.2	92
2.5" Regress		125LF	500	6.6	76
		250LF	1000	11.1	90
		375LF	1500	16.8	89
		625LF	2500	28.3	88
		750LF	3000	34.1	88
		875LF	3500	40.2	87
4.0" Regress		125LF	500	6.8	73
		250LF	1000	11.2	89
		375LF	1500	17.6	85
		625LF	2500	29.8	84
		750LF	3000	36.0	83
		875LF	3500	42.4	83
1.0" Regress Grazer		1000LF	4000	49.0	82
		125LF	500	6.5	77
		250LF	1000	9.9	101
		375LF	1500	14.8	101
		625LF	2500	23.8	105
		750LF	3000	29.6	101
2.0" Regress Grazer		875LF	3500	34.7	101
		1000LF	4000	39.9	100
		125LF	500	6.4	78
		250LF	1000	10.1	99
		375LF	1500	15.1	99
		625LF	2500	24.4	102
4.0" Regress Grazer		750LF	3000	30.3	99
		875LF	3500	35.5	99
		1000LF	4000	40.9	98
		125LF	500	6.4	78
		250LF	1000	10.5	95
		375LF	1500	15.8	95
Flush Asymmetric Room Fill		625LF	2500	15.8	95
		750LF	3000	26.5	94
		875LF	3500	31.9	94
		1000LF	4000	37.4	94
		125LF	500	43.1	93
		250LF	1000	49.0	93
1.0" Regress Asymmetric Room Fill		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
		875LF	3500	34.4	102
1.0" Regress Asymmetric Room Fill		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
		750LF	3000	30.2	99
1.0" Regress Asymmetric Room Fill		875LF	3500	35.4	99
		1000LF	4000	40.7	98

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

Housing Type

Adjustable Lit Housing

(Allows for +/- 3" adjustment to overall run length. 3' minimum luminaire length. LD1, L1t, LVN, & DT1 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

1.0" Regress Asymmetric Room Fill

(Not available with Unit Sliding Sleeves - SSB)

AF0

AF1

Lumen Output

125 Lumens per foot

(4' minimum. Not available with patterns)

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

Grid

G

Slot Tee / Regular

(Flush shieldings only)

ST

Trim Flange Drywall

(Flush shieldings only)

TF

Trimless Drywall

(Regress shieldings only)

XF

Mud-in Trimless Drywall

XFF

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)

FN1

6' New York City Flex Whip (277V)

FN2

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

WH

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-2765T-1C-120-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

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: 179ft. Emergency Circuit with Connected Solutions (WSPC, WSPS, NLT1, 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.)

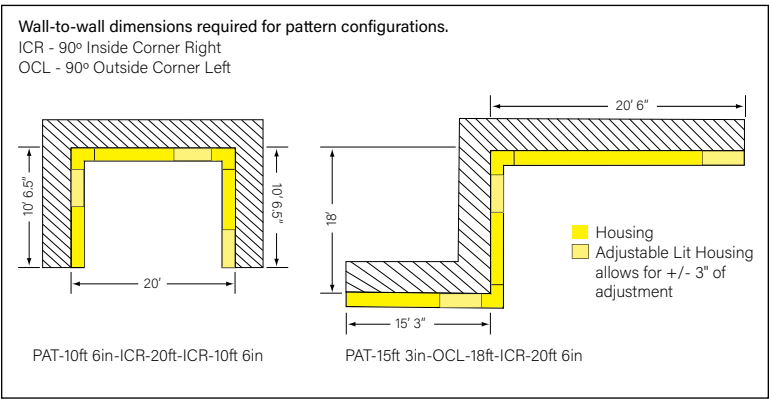
Reliability

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



Declare.

Seem Linear Luminaires

Focal Point, LLC

Final Assembly: Chicago, IL, USA
Life Expectancy: 10 Year(s)
End of Life Options: Recyclable (55%), Landfill (45%)

Ingredients:

Aluminum Alloy 6063; UNS G10080 Steel Alloy; Small Electrical Components - RoHS Compliant¹; Copper; Polymethyl methacrylate; Steel; Poly[imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl]; **Polyvinyl chloride**; Aluminum Alloy 6061; UNS S30400 Stainless Steel Alloy; Steel manufacture, chemicals; 2-Propenoic acid, 2-methyl-, methyl ester, polymer with ethyl 2-propenoate; Nylon 6; **Benzene, ethenyl-, homopolymer, brominated, Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)**; Tris(2-ethylhexyl) trimellitate; Zinc; Methyl methacrylate; Antimony oxide (Antimony trioxide); Kaolin, calcined; Octadecanoic acid, calcium salt; Steel, carbon

¹LBC Temp Exception RL-002 - Small Electrical Components

Living Building Challenge Criteria:

I-13 Red List:

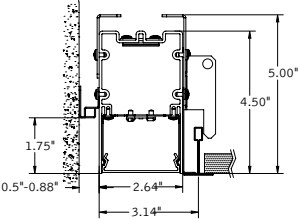
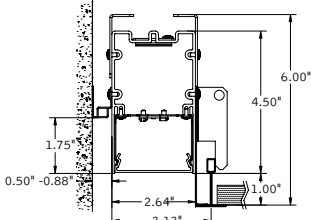
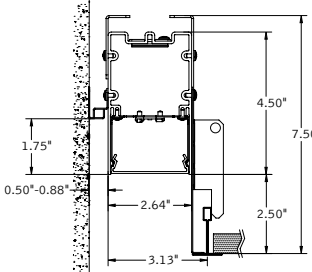
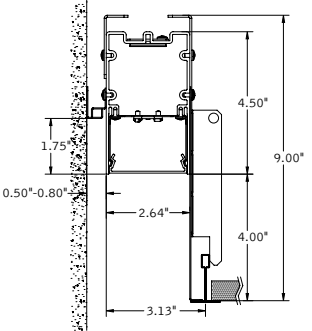
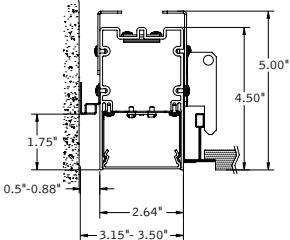
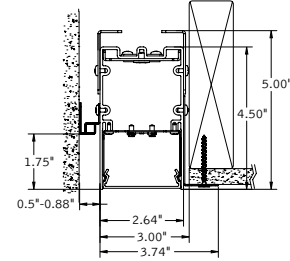
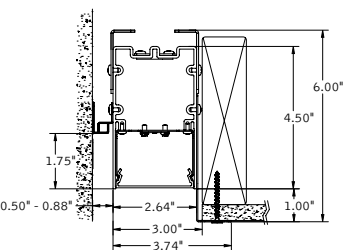
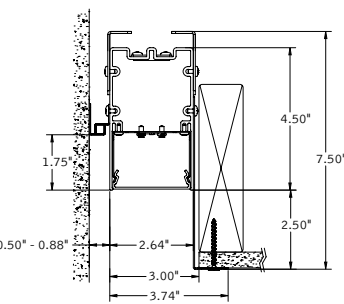
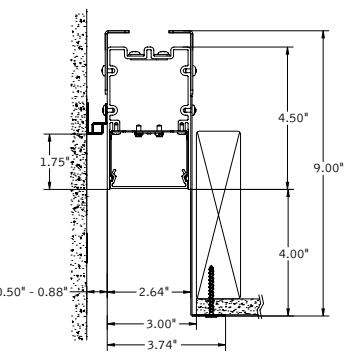
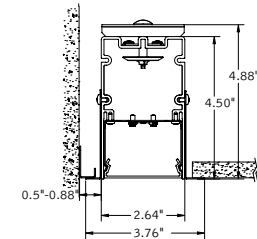
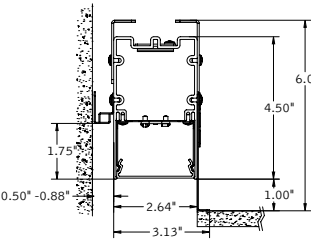
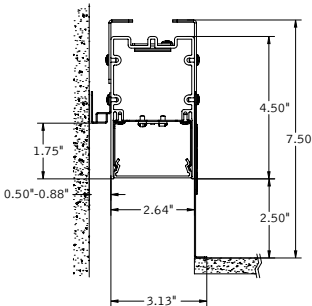
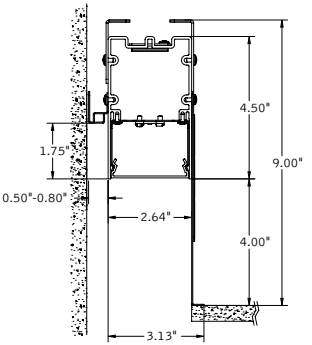
☐ LBC Red List Free	% Disclosed: 100% at 100ppm
☐ LBC Red List Approved	VOC Content: Not Applicable
☒ Declared	

I-10 Interior Performance: Not Applicable
I-14 Responsible Sourcing: Not Applicable

FPL-0003
EXP. 01 FEB 2027
Original Issue Date: 2024

INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/declare

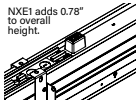
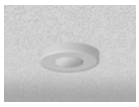
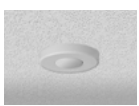
DIMENSIONAL DATA (continued)

FLUSH	1" REGRESS	2.5" REGRESS	4" REGRESS
LAY-IN GRID (G)			
			
SLOT TEE/TEGULAR (ST)			
			
MUD-IN DRYWALL (XFF)			
			
TRIM FLANGE (TF)	TRIMLESS DRYWALL (XF)		
			

Focal Point provides broad flexibility through compatibility with a wide range of indoor lighting control systems. A variety of sensors, nodes, controllers, and drivers can be specified to scale the system and meet the needs of each application across both wired and wireless networks.

Features such as daylight harvesting, occupancy sensing, dimming, and switching help save energy, reduce costs, and enhance occupant comfort. All Connected Solutions luminaires require a compatible building control system.

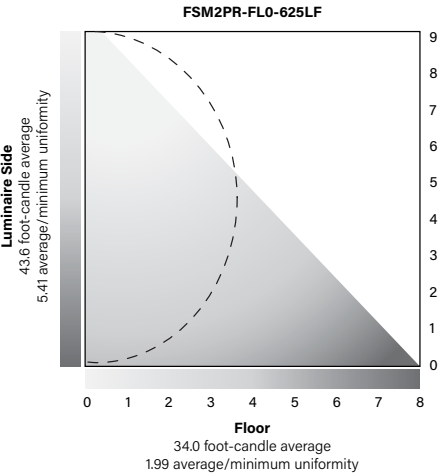
Controls systems supplied by others. For performance data and additional control system details, please visit the connected solutions manufacturers websites.

Connected Solution	Ordering Code	Model #	Protocol	Compatible Networks (Not all compatible networks may be listed.)	Description	Occupancy & Daylight	Communication to Luminaire	Drivers (Primary drivers are listed in bold . To specify a particular driver please consult factory.)	Driver Type
 WATTSTOPPER®									
	WSPC	EN-ZBHA-CLM-DIM	ZigBee	Wattstopper PLUS	Node	Enabled†	Wireless	Advance by Signify	0-10V standard, consult factory for DALI
	WSPS	EN-CLM-PIR-DD-ZB	ZigBee	Wattstopper PLUS	Sensor	Integrated (remote)*	Wireless	Advance by Signify	0-10V standard, consult factory for DALI
 COOPER Lighting Solutions									
	WLXP	OEM-WAA	WaveLinx Wireless	WaveLinx Pro Trellix	Sensor	Integrated (remote)*	Wireless (WaveLinx Pro Wireless Area Controller)	Advance by Signify	0-10V
Current 									
	NXE1	NXFM2-LV	NX	NX Distributed Intelligence	Controller	Enabled†	Wired	Optotronic by eldoLED	0-10V
 LUTRON									
	LAW1	A-WN-D01-RF-WH	Clear Connect	Athena Wireless	Node	Enabled (remote)‡	Wireless	Advance by Signify	0-10V standard, consult factory for DALI
	LAWS	A-WN-D01-OCC-WH	Clear Connect	Athena Wireless	Sensor	Integrated (remote)*	Wireless	Advance by Signify	0-10V standard, consult factory for DALI
 nLIGHT									
	NLT1	nEPS-60-IO	nLight	nLight	Controller	Enabled†	Wired	eldoLED ECoDrive, eldoLED SOLOdrive	0-10V

†Enabled: Luminaire supplied with a node/controller. Sensor to be provided by others.

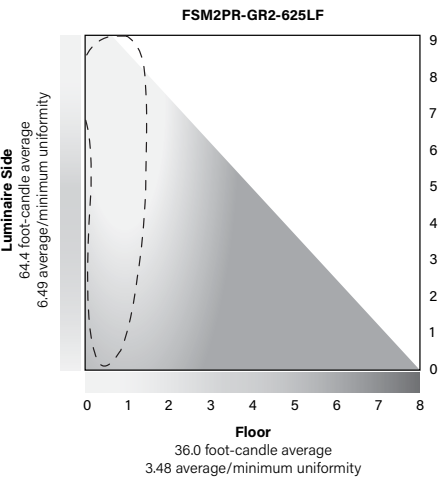
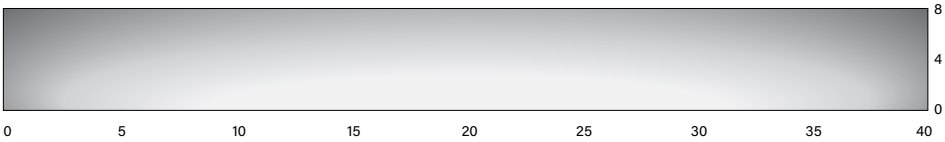
*Integrated (remote): Luminaire supplied with a sensor to be installed in a remote location by others.

‡Enabled (remote): Luminaire supplied with a node/controller to be installed in a remote location by others.



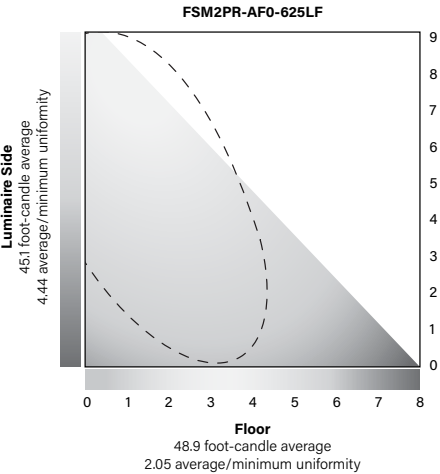
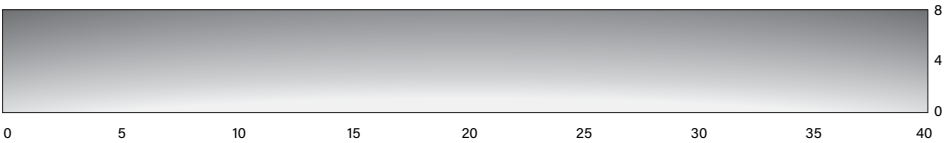
Standard Lens

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.



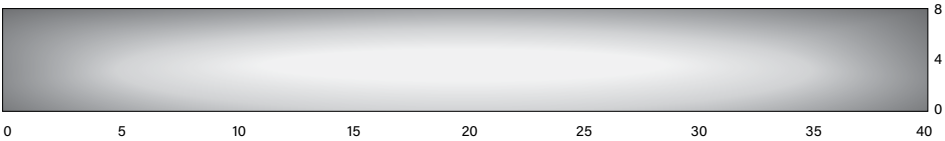
Grazer Lens

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