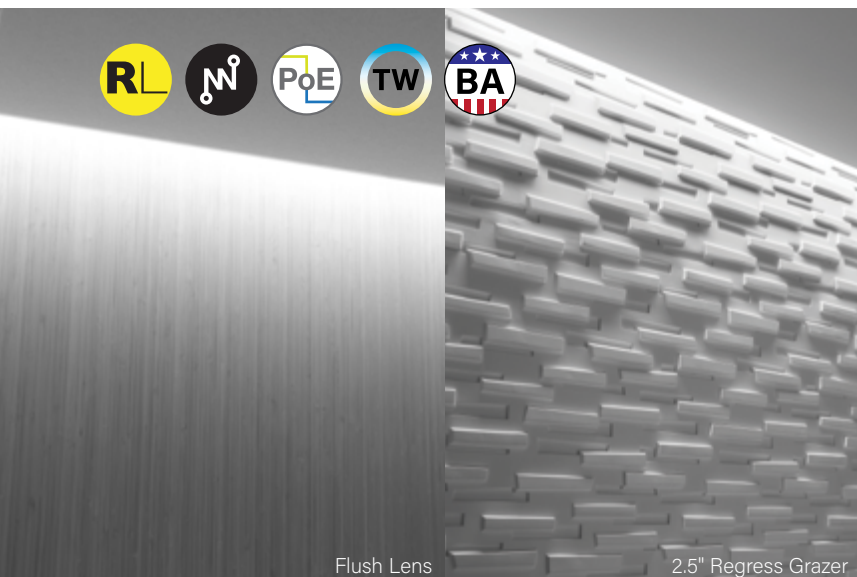


Seem® 2

LED PERIMETER



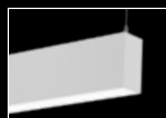
recessed
companion



wall to ceiling
companion

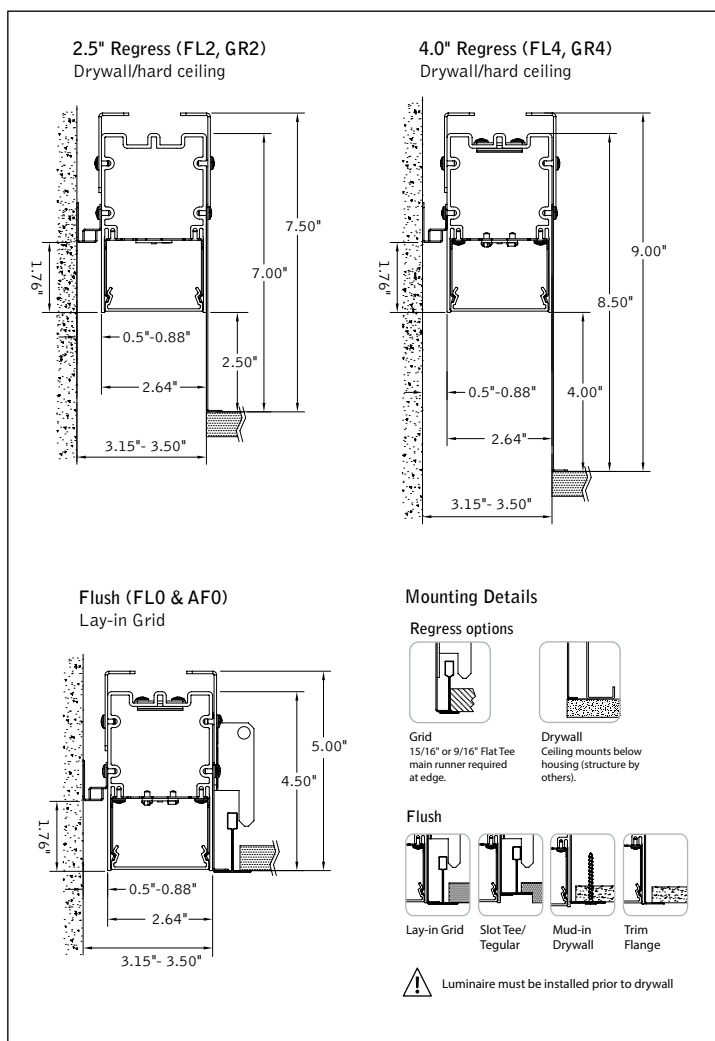


wall mount
companion



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.

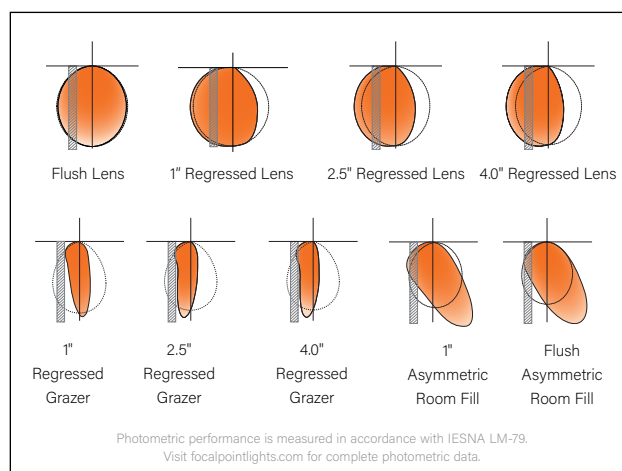
Asymmetric Room Fill optic provides superior efficacy and uniformity to light rooms and corridors from the perimeter.

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.

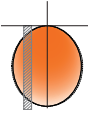
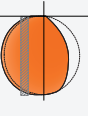
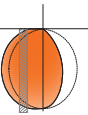
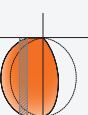
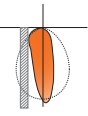
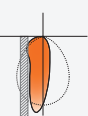
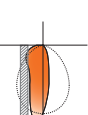
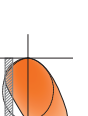
DISTRIBUTIONS



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, L1, LVN & D11 only.)	ALH
Fixed Housing	FXH
(not recommended for wall to wall installations)	
Shielding	
Flush Lens	FL0
(Not available with Unlit Sliding Sleeves - SSB)	
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
(LD1, L11 & D11 only. 4' minimum. Not available with patterns)	
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 DLM - 1% Dimming ²	DLM1
(Not available with CP)	
Wattstopper Fixture Sensor ¹	LMFS1
Low Density - 1% Dimming	
(Remote mounted sensor. See sensor layout guide)	
Wattstopper Fixture Sensor ¹	LMFSD
High Density - 1% Dimming	
(Remote mounted sensor. See sensor layout guide)	
Lutron Athena Wireless Node ^{1,2,3}	LAW1
Lutron Athena Wireless Sensor ³	LAWS
(Remote mounted sensor. See sensor layout guide)	
Acuity nLight - 1% Dimming ^{1,2}	NLT1
(Not available with CP)	
Encelium CLM Connected Lighting Module - ^{1,2}	CLM1
1% Dimming	
Current NX Enabled - 1% Dimming ^{1,2}	NXE1
(Not available with CP)	
WaveLinx 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	
Lay-in Grid	G
Flush	
(FL0 & AF0)	
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)	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	
Matte White Housing	WH
Luminaire Length	
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-IC-120-LD1-G-WH-PAT-10-ICR-20-ICR-10	

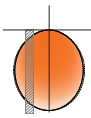
[†] 4' minimum length with EM or ECD. 120/277 Volt only. EM or ECD not available at corners.

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	26.5	94
		750LF	3000	31.9	94
		875LF	3500	37.4	94
		1000LF	4000	43.1	93
		125LF	500	6.5	77
		250LF	1000	9.8	102
1.0" Regress Asymmetric Room Fill		375LF	1500	14.7	102
		625LF	2500	23.6	106
		750LF	3000	29.4	102
		875LF	3500	34.4	102
		1000LF	4000	39.5	101
		125LF	500	6.4	78
1.0" Regress Asymmetric Room Fill		250LF	1000	10.0	100
		375LF	1500	15.1	100
		625LF	2500	24.2	103
		750LF	3000	30.2	99
		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

AF0

1.0" Regress Asymmetric Room Fill

(Not available with Unit Sliding Sleeves - SSB)

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

D1TW

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

Mounting

Lay-in Grid

G

Slot Tee / Tegular

ST

Trim Flange Drywall

TF

Mud-in Trimless Drywall

XFF

Regressed

G

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

XF

Trimless Drywall

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

Unit Sliding Sleeves

SSB

(Set of two unit 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

(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-2765T-IC-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.

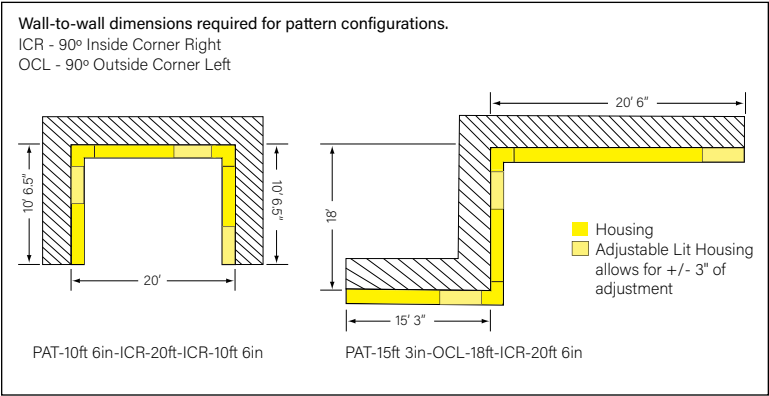
Electrical

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: 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.

PATTERN CONFIGURATIONS



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.

Declare.

Seem 2
Focal Point, LLC

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

Ingredients:

Aluminum; Steel; Small Electrical Components - RoHS Compliant; Polymethyl methacrylate; UNS G1008; Copper; Zinc; Steel, carbon; **Polyvinyl chloride**; Poly(imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl); Methyl methacrylate; **Benzene, ethenyl-, homopolymer, brominated**; Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE); Polyethylene; Polypropylene; Steel manufacture, chemicals

¹LBC Temp Exception RL-002 - Small Electrical Components

Living Building Challenge Criteria:

I-13 Red List:

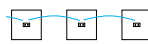
☐ LBC Red List Free % Disclosed: 100% at 100ppm
☐ LBC Red List Approved VOC Content: Not Applicable
☒ Declared

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

FPL-0003
EXP. 01 JAN 2026
Original Issue Date: 2024

MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY
INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/declare

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 ¹	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	Enabled ¹	No	Wireless	Optotronic by eldoLED Advance by Signify
 LUTRON		LAW1	A-WN-D01-RF-WH	DALI, 0-10V	Athena Wireless	Enabled ¹	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	Enabled ¹	No	Wired 	eldoLED ECOdrive, eldoLED SOLOdrive
	 NX LIGHTING CONTROLS®	 NXE1 adds 0.78" to overall height.	NXE1	NXFM-LV	NX	NX Distributed Intelligence	Enabled ¹	No	Wired 

*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. ¹Enabled: Fixture supplied with a node. Sensor by others. ²Integrated (remote): Fixture supplied with a sensor to be installed in a remote location 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.

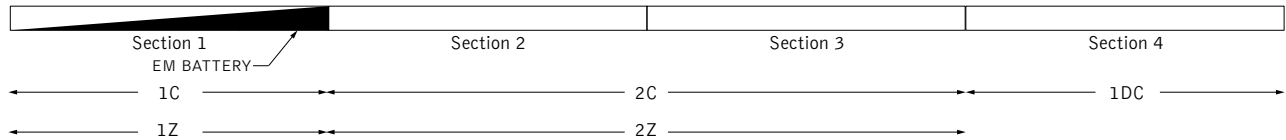
Refer to the run chart for standard run configurations, consult factory for custom configurations.

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.

EXAMPLE	TOTAL RUN LENGTH: 32ft		JOB NAME:			FIXTURE TYPE:			
	HOUSING SECTION	SECTION LENGTH	SHARED ELECTRICAL FEED, NORMAL POWER			FACTORY OPTIONS			
						SEPARATE ELECTRICAL FEEDS			EM
			SWITCHING CIRCUIT	DIMMING ZONE	DAYLIGHT ZONE	DAYLIGHT CIRCUIT	EMERGENCY CIRCUIT	ECD	
	1	8	1C	1Z					1EM
	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
Switched Hot / Shared Neutral

Z = Dimming Zone
Dimming Control Wires

DL = Daylight Zone
Daylight Dimming Control Wires

DC = Daylight Circuit
Switched Hot / Separate Neutral

EC = Emergency Circuit
Switched Hot / Separate Neutral

EM = Emergency Battery
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



TOTAL RUN LENGTH: _____		JOB NAME: _____			FIXTURE TYPE: _____			
HOUSING SECTION	SECTION LENGTH	SHARED ELECTRICAL FEED, NORMAL POWER			FACTORY OPTIONS			EM
		SWITCHING CIRCUIT	DIMMING ZONE	DAYLIGHT ZONE	DAYLIGHT CIRCUIT	EMERGENCY CIRCUIT	ECD	
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Totals / Ordering Codes								

Combine to create Circuits & Zones ordering code

Enter as individual Factory Options

RUN CHART

Run length (ft)	Housing Configuration Section Lengths	Run length (ft)	Housing Configuration Section Lengths	Run length (ft)	Housing Configuration Section Lengths	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		
20	8 + 8 + 4	32	8 + 8 + 8 + 8	44	8 + 8 + 8 + 8 + 8 + 4		

Standard run configurations, consult factory for custom configurations.