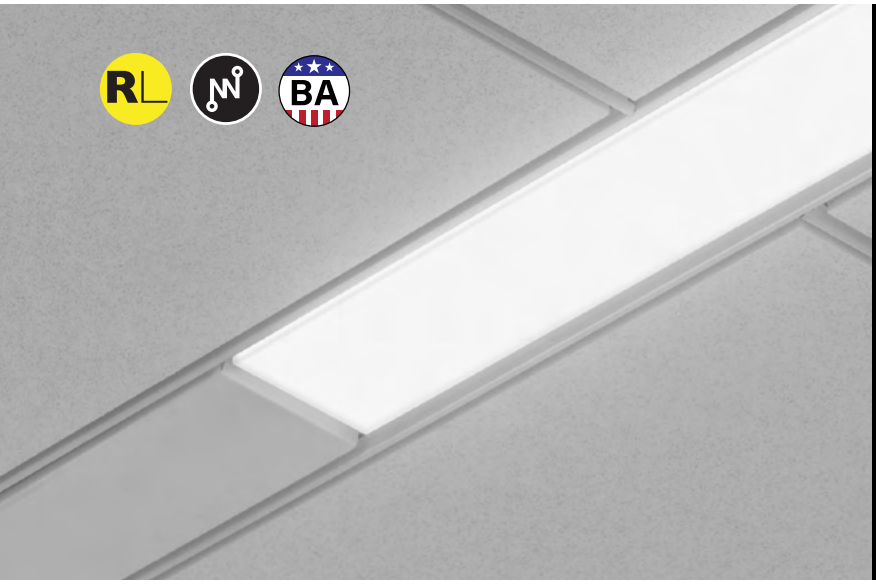
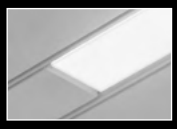
Seem® 4-LP

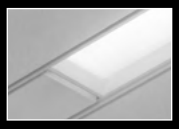
LED

FOCAL POINT®





flush lens



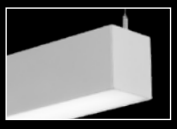
regress lens

SEEM 4 FAMILY COMPANIONS

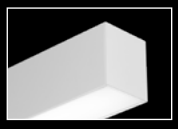
drywall ceiling

corners & patterns

perimeter

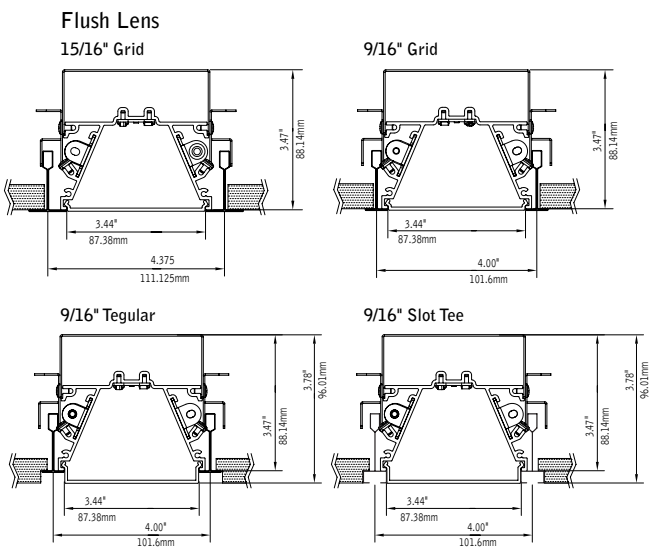


suspended



wall mount

DIMENSIONAL DATA



FEATURES

Low profile 3.6" housing depth on flush lens option and 4.5" housing depth on regress lens option.

Individual units or continuous runs in 6" increments.

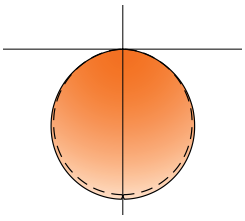
Compatible with common pre-engineered grid ceiling systems requiring luminaires fitting into a 4" slot.

Frosted acrylic lens provides uninterrupted illumination, without pixels or shadows.

LED position and lens material optimized to provide the perfect blend of high performance and visual comfort.

Connected Solutions: Integrates with wired and wireless building lighting control systems.

PERFORMANCE



4' Flush Lens
625 Lumens per foot

Delivered Lumens: 2500lm

Total System Watts: 24W

PRODUCT OVERVIEW

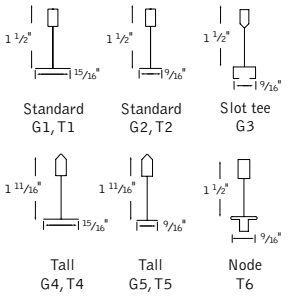
Lumen Output:	1100-4000lm
Wattage:	10-38W
LPW:	113-121
SDCM:	3

Photometric performance is measured in accordance with IESNA LM-79. Visit focalpointlights.com for complete photometric data. Visit designlights.org/QPL for model specifics.

fixture: project:

DETAILS

grid



lay-in tile (G)

tegular tile (T)

Luminaire always rests at level of tile.

4' PERFORMANCE CHART

		FL		RL	
Lumen Output	**Nominal Lumens**	**Tested System Watts**	**LPW**	**Tested System Watts**	**LPW**
275LF	1100	9.0	122	9.5	116
375LF	1500	11.4	132	12.0	125
625LF	2500	18.2	137	19.4	129
875LF	3500	26.5	132	28.3	124
1000LF	4000	30.4	131	32.6	123

*Based on 3500K, 4' lengths. Regress Lens multiplier = 0.90. Lumen may vary +/-5%. Actual wattage may vary

ORDERING

		FSM4LP
Luminaire Series		
Seem 4-LP	FSM4LP	
Shielding		_____
Flush Satin Lens	FL	
Regress Lens	RL	
Lumen Output		_____
275 Lumens per foot (2' LD1 & L11 only. 3' minimum all other drivers.)	275LF	
375 Lumens per foot	375LF	
625 Lumens per foot	625LF	
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 on page 4 for multiple circuiting and zoning options	_C_Z_DL	
Voltage		_____
120/277 UNV Volt	UNV	
347 Volt (LD1 driver only)	347	
Control System & Dimming Level		_____
0-10V - 10% Dimming	LD1	
0-10V - 1% Dimming	L11	
Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming	LH1	
DALI 1% Dimming	D11	
Wattstopper PLUS** Connected Light Module (0-10V standard. Consult Factory for DALI)	WSPC	
Wattstopper PLUS** SensiLUM Wireless Sensor (0-10V standard. Consult Factory for DALI)	WSPS	
Lutron Athena Wireless Node** (0-10V standard. Consult Factory for DALI)	LAW1	
Lutron Athena Wireless Sensor** (0-10V standard. Consult Factory for DALI)	LAWS	
Acuity nLight - 1% Dimming** (Not available with CP.)	NLT1	
Current NX Enabled – 1% Dimming** (Not available with CP.)	NXE1	
WaveLinx Pro – 1% Dimming** See sensor layout guide	WLXP	
**(3' minimum length, with ECD/EM - 7' minimum.)		
Ceiling Configuration		_____
Std. 15/16" Lay-in **or** Std. 15/16" Tegular	G1 **or** T1	
Std. 9/16" Lay-in **or** Std. 9/16" Tegular	G2 **or** T2	
9/16" Slot-tee Tegular	G3	
Tall 15/16" Lay-in **or** Tall 15/16" Tegular	G4 **or** T4	
Tall 9/16" Lay-in **or** Tall 9/16" Tegular	G5 **or** T5	
Node 9/16" Tegular	T6	
Factory Options (See Ordering Guide on page 4 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† (Adds .125" to overall height.)	_ECD	_____
†(4' minimum. 120/277 Volt only.)		
6' New York City Flex Whip (120V)	FNY1	_____
6' New York City Flex Whip (277V)	FNY2	_____
6' Flex Whip	FW	_____
Finish		**WH**
Matte White Housing	WH	
Luminaire Length		_____
2'	2'	
2' 6"	2' 6"	
3'	3'	
4'	4'	
5'	5'	
6'	6'	
7'	7'	
7' 6"	7' 6"	
8'	8'	
Specify luminaire/row length in 6" increments (8' minimum row length)	_ft. _in.	

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. LED modules are replaceable from below the ceiling. Drivers are accessable from above the ceiling only.

Construction

One piece extruded aluminum housing. 20 Ga. steel end caps. Aluminum driver compartment. 4' unit weight: 11 lbs., 8' unit weight: 19 lbs.

Optic

Extruded acrylic lens .078" 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. Dimming range 100% to 10%. Power factor >.9.

Emergency

Emergency Battery output - 10 watts for 90 minutes. Maximum mounting height: 19.0ft. 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:	Calculated:
L70 > 61,000 hours	L90 > 61,000 hours
L70 at > 447,000 hours	L90 at > 110,000 hours

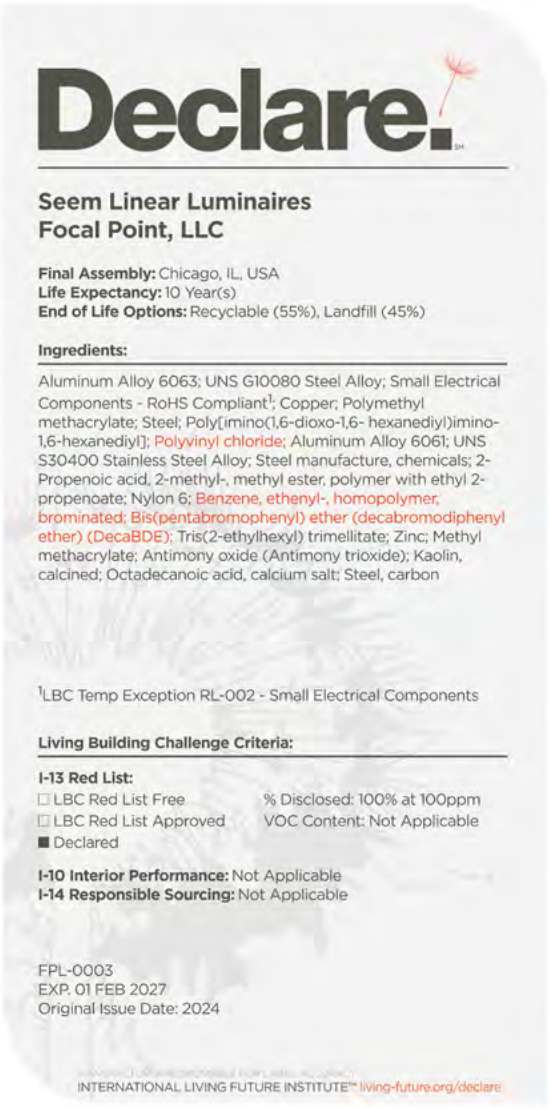
(Derived from EPA TM-21 calculator. Based on typical conditions, consult factory for additional data.)

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 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 Compliant[1]; 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

[1]LBC Temp Exception RL-002 - Small Electrical Components

Living Building Challenge Criteria:

I-13 Red List:
☐ LBC Red List Free
☐ LBC Red List Approved
■ Declared

% Disclosed: 100% at 100ppm
VOC Content: Not Applicable

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

CONNECTED® SOLUTIONS

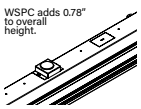
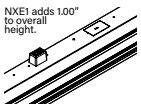
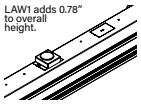
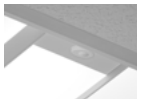
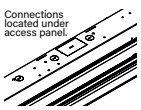
Seem® 4-LP

LED

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
legrand® 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*	Wireless	**Advance by Signify**	0-10V standard, consult factory for DALI
COOPER Lighting Solutions									
	WLXP	OEM-WAA	WaveLinx Wireless	WaveLinx Pro Trellix	Sensor	Integrated*	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†	Wireless	**Advance by Signify**	0-10V standard, consult factory for DALI
	LAWS	A-WN-D01-OCC-WH	Clear Connect	Athena Wireless	Sensor	Integrated*	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: Luminaire supplied with an installed sensor.

Ordering Guide

Direct Only Linear Circuitry, Zones & Factory Options

FOCAL POINT®

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.

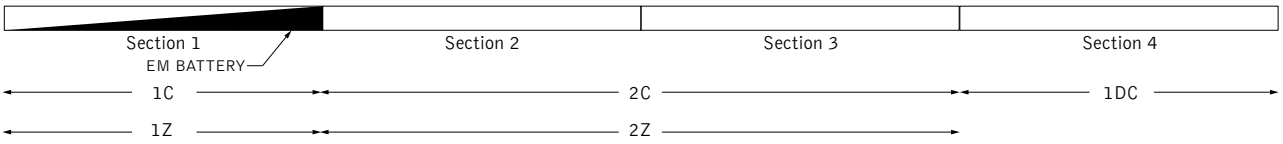
Submit the worksheet along with your order.

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	**DC = Daylight Circuit** Switched Hot / Separate Neutral
Z = Dimming Zone Dimming Control Wires	**EC = Emergency Circuit** Switched Hot / Separate Neutral
DL = Daylight Zone Daylight Dimming Control Wires	**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

FOCAL POINT®

WORKSHEET

TOTAL RUN LENGTH: _____ **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								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Totals / Ordering Codes		_C	_Z	_DL	_DC	_EC	_ECD	_EM

Combine to create Circuits & Zones ordering code

Enter as individual Factory Options

RUN CHART

Run length (ft)	Housing Configuration Section Lengths
9	5 + 4
10	6 + 4
11	7 + 4
12	8 + 4
13	8 + 5
14	8 + 6
15	8 + 7
16	8 + 8
17	8 + 5 + 4
18	8 + 6 + 4
19	8 + 7 + 4
20	8 + 8 + 4

Run length (ft)	Housing Configuration Section Lengths
21	8 + 8 + 5
22	8 + 8 + 6
23	8 + 8 + 7
24	8 + 8 + 8
25	8 + 8 + 5 + 4
26	8 + 8 + 6 + 4
27	8 + 8 + 7 + 4
28	8 + 8 + 8 + 4
29	8 + 8 + 8 + 5
30	8 + 8 + 8 + 6
31	8 + 8 + 8 + 7
32	8 + 8 + 8 + 8

Run length (ft)	Housing Configuration Section Lengths
33	8 + 8 + 8 + 5 + 4
34	8 + 8 + 8 + 6 + 4
35	8 + 8 + 8 + 7 + 4
36	8 + 8 + 8 + 8 + 4
37	8 + 8 + 8 + 8 + 5
38	8 + 8 + 8 + 8 + 6
39	8 + 8 + 8 + 8 + 7
40	8 + 8 + 8 + 8 + 8
41	8 + 8 + 8 + 8 + 5 + 4
42	8 + 8 + 8 + 8 + 6 + 4
43	8 + 8 + 8 + 8 + 7 + 4
44	8 + 8 + 8 + 8 + 8 + 4

Run length (ft)	Housing Configuration Section Lengths
45	8 + 8 + 8 + 8 + 8 + 8 + 5
46	8 + 8 + 8 + 8 + 8 + 8 + 6
47	8 + 8 + 8 + 8 + 8 + 8 + 7
48	8 + 8 + 8 + 8 + 8 + 8 + 8

Standard run configurations, consult factory for custom configurations.