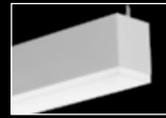


Seem® 4

LED



0.5" pop-down lens



1.5" pop-down lens



recessed companion



wall to ceiling companion

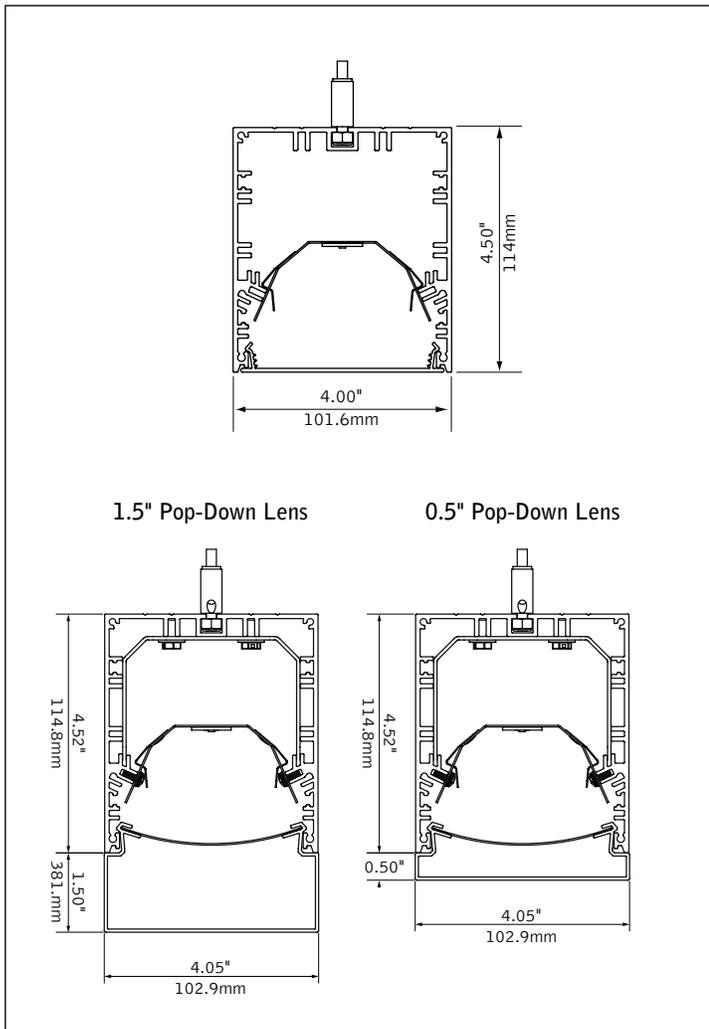


wall mount companion



perimeter companion

DIMENSIONAL DATA



FEATURES

Narrow extruded aluminum 4" linear direct LED.

Individual units and continuous runs in 1' increments.

Available in flush, asymmetric, asymmetric room fill, batwing, 0.5" or 1.5" pop-down lens.

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

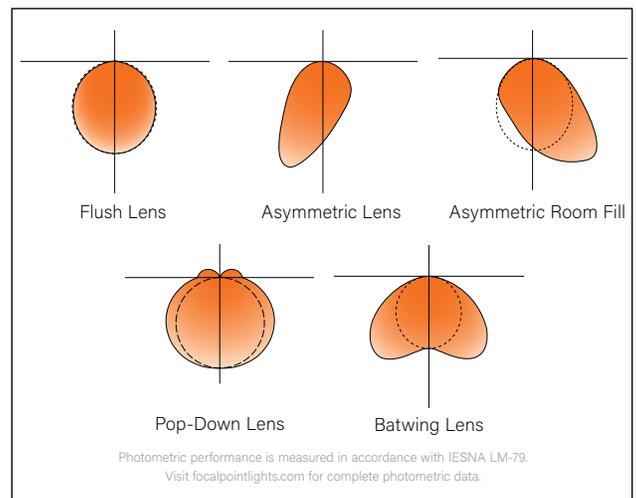
Choice of output levels to meet a wide variety of application needs.

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.

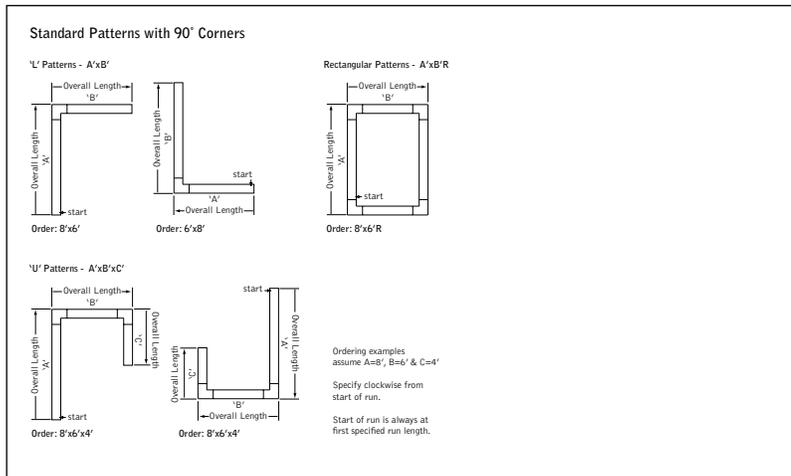
PERFORMANCE



fixture:

project:

DETAILS



4' PERFORMANCE CHART

Lumen Output	Nominal Lumens	Tested System Watts	LPW			
			BW	FL	AS	AF
275LF	1100	9.5	110	106	114	114
375LF	1500	12.5	119	114	123	123
625LF	2500	21.4	119	113	122	122
875LF	3500	30.4	118	113	122	122
1000LF	4000	35.0	117	112	121	121
1125LF	4500	39.6	116	111	119	119
1250LF	5000	43.5	115	110	119	118

Based on 3500K, 80 CRI, 4' lengths. Lumen multiplier: 90+ CRI = 0.87. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

4' PERFORMANCE CHART - POP-DOWN

Lumen Output	Nominal Lumens	0.5"		1.5"	
		Tested System Watts	LPW	Tested System Watts	LPW
275LF	1100	12.5	89	13	85
375LF	1500	16.7	91	18	86
625LF	2500	29.8	88	30	84
750LF	3000	36	81	36	82
875LF	3500	40.6	91	43	81
1000LF	4000	52	77	51	79

Based on 3500K, 80 CRI, 4' lengths. Lumen multiplier: 90+ CRI = 0.87. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

STANDARD WHITE

Luminaire Series

Seem 4 LED **FSM4LS**

FSM4LS

Shielding

- Asymmetric Lens **AS**
- Asymmetric Room Fill **AF**
- Batwing Lens **BW**
- Flush Satin Lens **FL**
- 0.5" Pop-Down Lens (1000LF max.) **PD05**
- 1.5" Pop-Down Lens (2' - 12' individual units only, 1000LF max.) **PD15**

Lumen Output

- 275 Lumens per foot (Not available with Lutron) **275LF**
- 375 Lumens per foot (Not available with LH1) **375LF**
- 625 Lumens per foot (3' min. with LH1) **625LF**
- 750 Lumens per foot (Pop-Down Lens only) **750LF**
- 875 Lumens per foot **875LF**
- 1000 Lumens per foot **1000LF**
- 1125 Lumens per foot (BW & FL only) **1125LF**
- 1250 Lumens per foot (BW & FL only) **1250LF**

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**
- Low Voltage **LV**

Control System & Dimming Level

- 0-10V - 10% Dimming **LD1**
- 0-10V - 1% Dimming **L11**
- Low Voltage, PoE compatible (No driver. Not available with EM or EC. LV Voltage only) **LVN**
- Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming **LH1**
- DALI 1% Dimming (1000LF max.) **D11**
- Wattstopper DLM - 1% Dimming** **DLM1**
- Wattstopper Fixture Sensor** **LMF51**
- Low Density - 1% Dimming [See sensor layout guide](#)
- Wattstopper Fixture Sensor** **LMF5D**
- High Density - 1% Dimming [See sensor layout guide](#)
- Acuity nLight - 1% Dimming** **NLT1**
- Enlighted Smart Sensor - 1% Dimming** **ENL1**
- [See sensor layout guide](#)
- Encelium CLM Connected Lighting** **CLM1**
- Module - 1% Dimming
- Current NX Enabled - 1% Dimming** **NXE1**
- WaveLinX Pro - 1% Dimming** **WLXP**
- [See sensor layout guide](#)

** (3' min. length, 7' min. length with ECD/EM.)

Mounting

- 24" Cable Suspension **C24__**
- 48" Cable Suspension **C48__**
- 96" Cable Suspension **C96__**

(Specify canopy color White (WH), Black (BK) or Titanium Silver (TS). Example: C24WH.) (Specify one of the following in place of "C" - for 2" canopies at non-feed locations. CS - for sloped ceiling applications.)

Surface Mount

(Not available with CLM1, DLM1, NLT1 or NXE1)

Factory Options

- (See page 6 for ordering details for DC, EC, EM & ECD.)
- Black Cord **BKCD**
- Daylight Circuit **_DC**
- Emergency Circuit **_EC**
- Emergency Battery Pack† **_EM**
- Emergency Control Device† **_ECD**

† (120/277 Volt only, EM or ECD not available at corners.)

Finish

- Black **BK**
- Titanium Silver **TS**
- Matte White Housing **WH**

Luminaire/Row Length

- Specify in 1' increments **X'**
- (Lengths are nominal, up to 12' individuals available. See Run Chart (page 8) for ordering codes. Smaller increments available, consult factory for details. Leave blank for patterns.)

Pattern Options

(3' min. length. Not available with Pop-Down lenses. Consult factory for other pattern options.)

- Specify luminaire/row length in 1' increments **X'**
- 'L' pattern **A' x B'**
- 'U' pattern **A' x B' x C'**
- Rectangular pattern **A' x B'R**

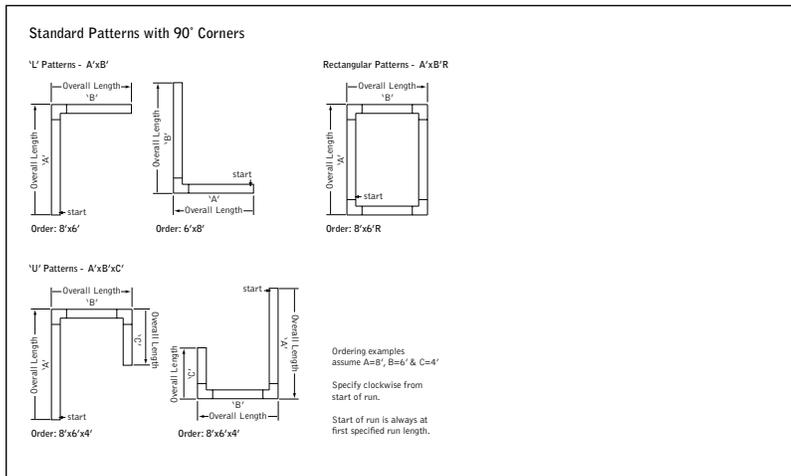


Options in orange qualify for the Quickship program. Run lengths in 1' increments, 1000' total. Refer to Quickship Guide for complete details including EM/EC options.

fixture:

project:

DETAILS



TUNABLE WHITE

Luminaire Series

Seem 4 LED **FSM4LS**

Shielding

Batwing Lens **BW**

Flush Satin Lens **FL**

0.5" Pop-Down Lens (750LF max.) **PD05**

1.5" Pop-Down Lens **PD15**

(2' - 8' individual units only. 750LF max.)

Lumen Output

275 Lumens per foot **275LF**

(BW & FL 3' min. with DTW. PD05 & PD15 3' min. with LT1. FL & BW 4' min. with LT1.)

375 Lumens per foot **375LF**

(BW & FL 3' min. with LT1)

625 Lumens per foot **625LF**

750 Lumens per foot **750LF**

(Pop-Down Lens only)

875 Lumens per foot* **875LF**

1000 Lumens per foot* **1000LF**

1125 Lumens per foot* **1125LF**

*(BW & FL only)

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 on page 4 for multiple circuiting and zoning options **_C_Z_DL**

Voltage

120/277 UNV Volt **UNV**

Control System & Dimming Level

Lutron T-Series - 1% Dimming **LT1**

DALI 1% Dimming **D1TW**

(DT6 control. Requires two addresses, one for intensity & one for CCT tuning. Consult factory for DT8.)

Acuity nLight - 1% Dimming** **NLT1**

Enlighted Smart Sensor - 1% Dimming** **ENL1**

** (Consult factory)

Mounting

24" Cable Suspension **C24**

48" Cable Suspension **C48**

96" Cable Suspension **C96**

(Specify canopy color White (WH), Black (BK) or Titanium Silver (TS). Example: C24WH.) (Specify one of the following in place of "C" J - for 2' canopies at non-feed locations. CS - for sloped ceiling applications.)

Surface Mount **SM**

(Not available with NLT1)

Factory Options

(See page 6 for ordering details for DC, EC, EM & ECD.)

Black Cord **BKCD**

Daylight Circuit **_DC**

Emergency Circuit **_EC**

Emergency Battery Pack† **_EM**

Emergency Control Device† **_ECD**

† (Consult factory)

Finish

Black **BK**

Titanium Silver **TS**

Matte White Housing **WH**

Luminaire/Row Length

Specify in 1' increments **X'**

(Lengths are nominal, up to 8' individuals available. See Run Chart (page 8) for ordering codes. Smaller increments available, consult factory for details. Leave blank for patterns.)

Pattern Options

(3' min. length. Not available with Pop-Down lenses. Consult factory for other pattern options.)

Specify luminaire/row length in 1' increments **X'**

'L' pattern **A' x B'**

'U' pattern **A' x B' x C'**

Rectangular pattern **A' x B'R**

TW 4' PERFORMANCE CHART

Lumen Output	Nominal Lumens	Tested System Watts	LPW	
			BW	FL
275LF	1100	13.30	87.3	83.2
375LF	1500	17.34	90.8	86.5
625LF	2500	27.84	94.0	89.5
875LF	3500	37.22	98.9	94.2
1000LF	4000	42.39	99.2	94.4
1125LF	4500	50.27	93.9	89.4

Based on 2700K, 80CRI, 4' lengths. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

TW 4' PERFORMANCE CHART - POP-DOWN

Lumen Output	Nominal Lumens	0.5"		1.5"	
		Tested System Watts	LPW	Tested System Watts	LPW
275LF	1100	17.14	64.7	16.33	67.3
375LF	1500	22.79	66.5	21.58	70.0
625LF	2500	35.49	70.6	33.96	73.8
750LF	3000	42.39	70.8	40.28	74.5

Based on 2700K, 80CRI, 4' lengths. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

Lumen Multipliers

CRI	Multiplier
80+	1.00
90+	0.89

Wattage Multipliers

CCT	Multiplier
2700K	1.00
3000K	0.92
3500K	0.88
4000K	0.86
5000K	0.85
5700K	0.87
6500K	0.90

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	No	Wired 	Advance by Signify , Optotronic by eldoLED
	LMFS1	LMFS-601 & LMFI-111	DLM Wireless	DLM	Enabled	No	Wireless	Advance by Signify
LMFSD	LMFS-601	Optotronic by eldoLED (Dexal)						
 COOPER Lighting Solutions	WLXP	OEM-WAA	WaveLinx Wireless	WaveLinx Pro Trellix	Enabled	No	Wireless (WaveLinx Pro Wireless Area Controller)	Advance by Signify
 CRESTRON	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	No	Wireless	Optotronic by eldoLED Advance by Signify
 Enlighted	ENL1	SU-5E-IOT	Enlighted RF	Enlighted	Integrated	Yes	Wireless	Advance by Signify
 LUTRON	LH1	LDE1	EcoSystem	Quantum, Energi Savr Node, Energi TriPak	Enabled	No	Wired	Lutron Hi-Lume
 nLIGHT	NLT1	nEPS-60-IO	nLight	nLight	Enabled	No	Wired 	eldoLED ECOdrive , eldoLED SOLOdrive
	NXE1	NXFM-LV	NX	NX Distributed Intelligence	Enabled	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.

Ordering Guide

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.

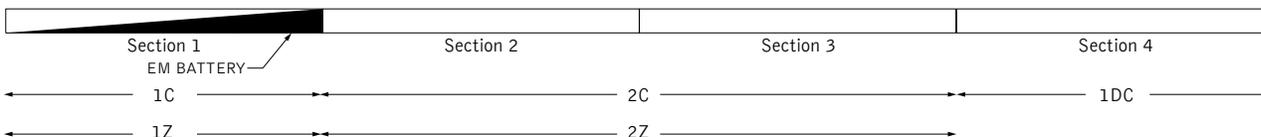
Refer to the run chart for standard run configurations, consult factory for custom configurations.

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.

TOTAL RUN LENGTH: <u>32ft</u>		JOB NAME: _____			FIXTURE TYPE: _____			
HOUSING SECTION	SECTION LENGTH	SHARED ELECTRICAL FEED, NORMAL POWER			FACTORY OPTIONS			
		SWITCHING CIRCUIT	DIMMING ZONE	DAYLIGHT ZONE	SEPARATE ELECTRICAL FEEDS			EM
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: FSM4LS-FL-625LF-35K- **2C2Z** -UNV-LD1-C24WH- **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

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	SEPARATE ELECTRICAL FEEDS			
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								

WORKSHEET

Combine to create Circuits & Zones ordering code

Enter as individual Factory Options

RUN CHART

Run Length (ft)	Housing Configuration Section Lengths	Ordering Code	Run Length (ft)	Housing Configuration Section Lengths	Ordering Code	Run Length (ft)	Housing Configuration Section Lengths	Ordering Code
9	5 + 4	9	19	8 + 7 + 4	19	35	8 + 8 + 8 + 7 + 4	35
	9	9(IND)	20	8 + 8 + 4	20	36	8 + 8 + 8 + 8 + 4	36
	6 + 4	10	21	8 + 8 + 5	21	37	8 + 8 + 8 + 8 + 5	37
10	5 + 5	10(5+5)	22	8 + 8 + 6	22	38	8 + 8 + 8 + 8 + 6	38
	10	10(IND)	23	8 + 8 + 7	23	39	8 + 8 + 8 + 8 + 7	39
	7 + 4	11	24	8 + 8 + 8	24	40	8 + 8 + 8 + 8 + 8	40
11	11	11(IND)	25	8 + 8 + 5 + 4	25	41	8 + 8 + 8 + 8 + 5 + 4	41
	8 + 4	12	26	8 + 8 + 6 + 4	26	42	8 + 8 + 8 + 8 + 6 + 4	42
12	6 + 6	12(6+6)	27	8 + 8 + 7 + 4	27	43	8 + 8 + 8 + 8 + 7 + 4	43
	12	12(IND)	28	8 + 8 + 8 + 4	28	44	8 + 8 + 8 + 8 + 8 + 4	44
13	8 + 5	13	29	8 + 8 + 8 + 5	29	45	8 + 8 + 8 + 8 + 8 + 5	45
14	8 + 6	14	30	8 + 8 + 8 + 6	30	46	8 + 8 + 8 + 8 + 8 + 6	46
15	8 + 7	15	31	8 + 8 + 8 + 7	31	47	8 + 8 + 8 + 8 + 8 + 7	47
16	8 + 8	16	32	8 + 8 + 8 + 8	32	48	8 + 8 + 8 + 8 + 8 + 8	48
17	8 + 5 + 4	17	33	8 + 8 + 8 + 5 + 4	33			
18	8 + 6 + 4	18	34	8 + 8 + 8 + 6 + 4	34			

Standard run configurations, consult factory for custom configurations.