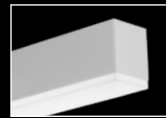
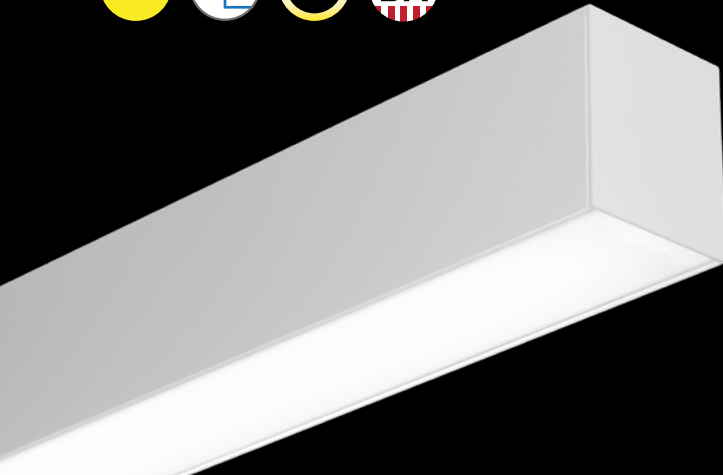


# Seem® 4

LED WALL MOUNT



0.5" pop-down lens



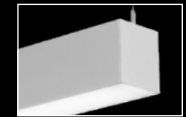
recessed companion



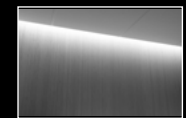
wall to ceiling companion



The Naturals collection - Light Oak shown



suspended companion

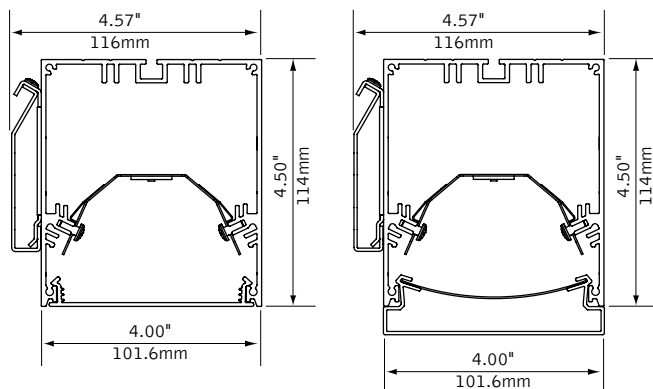


perimeter companion

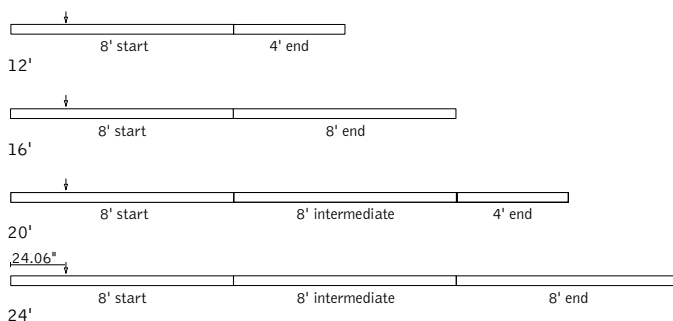
## DIMENSIONAL DATA

Flush, Asymmetric, Room Fill, Grazer Lens

0.5" Pop-Down Lens



note: requires 4"x2" handy box.



↑ Power feed location in 8' start luminaire.

## FEATURES

Narrow extruded aluminum 4" wall mount direct LED.

Individual units and continuous runs in 1' increments.

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

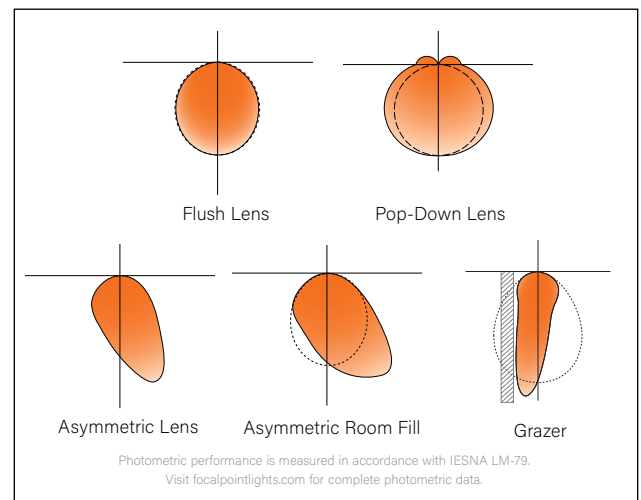
Choice of output levels to meet a wide variety of application needs.

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

PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.

Available with The Naturals, a series of finishes that exude biophilic beauty.

## PERFORMANCE



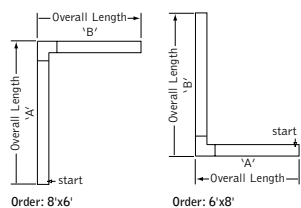
fixture:

project:

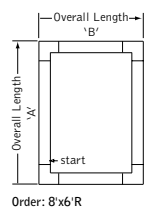
## MOUNTING INFORMATION

### Standard Patterns with 90° Corners

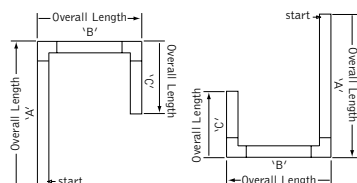
#### 'L' Patterns - A'x'B'



#### Rectangular Patterns - A'x'B'R



#### 'U' Patterns - A'x'B'x'C'



Ordering examples assume A=8', B=6' & C=4'

Specify clockwise from start of run.

Start of run is always at first specified run length.

## 4' PERFORMANCE CHART

Lumen Output	Nominal Lumens	FL		AS		AF		GR	
		Tested System Watts	LPW	Tested System Watts	LPW	Tested System Watts	LPW	Tested System Watts	LPW
275LF	1100	9.1	121	8.5	130	8.6	128	8	137
375LF	1500	11.7	129	10.8	138	11	137	10.8	139
625LF	2500	19.9	126	18.3	137	18.5	135	18.3	136
875LF	3500	27.9	125	25.9	135	26.2	133	25.7	136
1000LF	4000	32.2	124	29.8	134	30.2	132	29.7	135
1125LF	4500	36.6	123	33.9	133	34.4	131	33.8	133
1250LF	5000	41.2	121	38.1	131	38.6	129	37.9	132

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"	
		Tested System Watts	LPW
275LF	1100	11	100
375LF	1500	14.7	102
625LF	2500	25	100
750LF	3000	30.3	99
875LF	3500	35.7	98
1000LF	4000	41.3	97

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 FSM4LW

### Shielding

Asymmetric Lens AS  
Asymmetric Room Fill AF  
Flush Satin Lens FL  
Grazer GR  
0.5" Pop-Down Lens (1000LF max.) PD05

### Lumen Output

275 Lumens per foot 275LF  
(Not available with Lutron Drivers.)  
375 Lumens per foot 375LF  
(Not available with LH1 Drivers)  
625 Lumens per foot 625LF  
(3' minimum with LH1 Drivers)  
750 Lumens per foot (Pop-Down Lens only) 750LF  
875 Lumens per foot 875LF  
1000 Lumens per foot 1000LF  
1125 Lumens per foot 1125LF  
1250 Lumens per foot 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 3 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

D11

### Mounting

Wall Mount WM

### Factory Options

(See Ordering Guide on page 3 for ordering details for DC, EC, EM & ECD.)

### Daylight Circuit

\_DC

### Emergency Circuit

\_EC

### Emergency Battery Pack†

\_EM

### Emergency Control Device†

\_ECD

### Finish

(See finishes page for The Naturals options)

Black BK

Titanium Silver TS

Matte White Housing WH

### Luminaire Length

(Leave blank for patterns. Lengths are nominal)

### Specify luminaire/row length in 1' increments

(2' minimum length. Smaller increments available. Consult factory for details.)

### Pattern Options

(3' minimum length)

'L' pattern A' x B'

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

Rectangular pattern A' x B' R

(Consult factory for other pattern options)

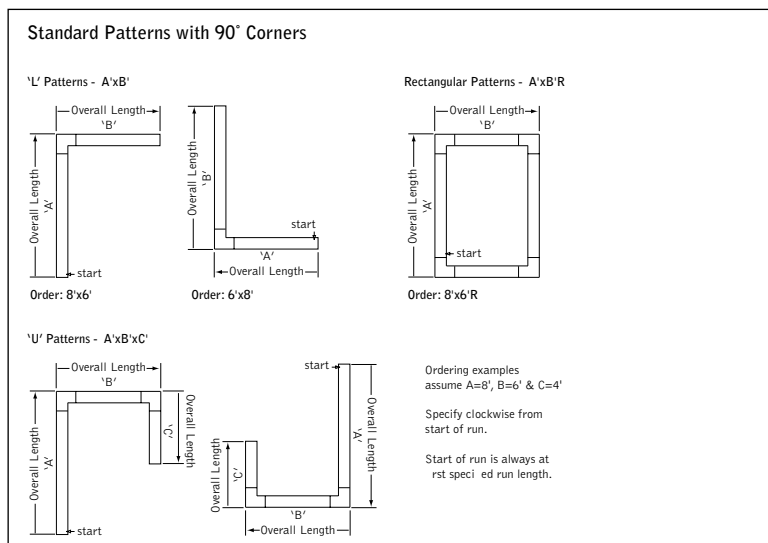


Options in orange qualify for the Quickship program. Run lengths in 1' increments, 1000' total. Refer to Quickship Guide for complete details including EM/EC options.

fixture:

project:

## MOUNTING INFORMATION



## TW 4' PERFORMANCE CHART

Lumen Output	Nominal Lumens	Tested System Watts	FL
275LF	1100	10.8	102
375LF	1500	14.5	104
625LF	2500	24.9	100
875LF	3500	35.9	97
1000LF	4000	41.2	97
1125LF	4500	46.9	96

Based on 2700K, 90CRI, 4' lengths. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

## TW 4' PERFORMANCE CHART - POP-DOWN

Lumen Output	Nominal Lumens	Tested System Watts	LPW
275LF	1100	13.1	84
375LF	1500	18.3	82
625LF	2500	31.7	79
750LF	3000	38.8	77

Based on 2700K, 90CRI, 4' lengths. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

### Lumen Multipliers

CRI	Multiplier
80+	1.16
90+	1.00

### Wattage Multipliers

CCT	Multiplier
2700K	1.00
3000K	0.96
3500K	0.92
4000K	0.89
5000K	0.88
5700K	0.87



## TUNABLE WHITE

<b>Luminaire Series</b>	<b>FSM4LW</b>
Seem 4 LED	FSM4LW
<b>Shielding</b>	
Flush Satin Lens	FL
0.5" Pop-Down Lens (750LF max.)	PD05
<b>Lumen Output</b>	
275 Lumens per foot (FL 3' min. with D1TW)	275LF
375 Lumens per foot	375LF
625 Lumens per foot	625LF
750 Lumens per foot (Pop-Down Lens only)	750LF
875 Lumens per foot	875LF
1000 Lumens per foot	1000LF
1125 Lumens per foot	1125LF
<b>Color Temperature</b>	
Tunable White: 2700-6500K, 80+ CRI	2765T
Tunable White: 2700-6500K, 90+ CRI	92765T
<b>Circuits &amp; Zones</b>	
1 Circuit, non-emergency	1C
Consult Ordering Guide on page 3 for multiple circuiting and zoning options	_C_Z_DL
<b>Voltage</b>	<b>UNV</b>
120/277 UNV Volt	UNV
<b>Control System &amp; Dimming Level</b>	<b>D1TW</b>
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.)	
<b>Mounting</b>	<b>WM</b>
Wall Mount	WM
<b>Factory Options</b>	
(See page 4 for ordering details for DC, EC, EM & ECD.)	
Daylight Circuit	_DC
Emergency Circuit	_EC
Emergency Battery Pack†	_EM
Emergency Control Device†	_ECD
†(Consult factory)	
<b>Finish</b>	
(See finishes page for The Naturals options)	
Black	BK
Titanium Silver	TS
Matte White Housing	WH
<b>Luminaire Length</b>	
(2' minimum length. Smaller increments available. Consult factory for details. Lengths are nominal. Leave blank for patterns)	
Specify luminaire/row length in 1' increments	X'
<b>Pattern Options</b>	
(3' min. length. Consult factory for other pattern option.)	
'L' pattern	A' x B'
'U' pattern	A' x B' x C'
Rectangular pattern	A' x B' R

## 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 or Tunable White (2700K-6500K), CRI>80, >90. 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. Die cast aluminum end caps. 2' unit weight: 10 lbs., 3' unit weight: 14 lbs., 4' unit weight: 18 lbs., 5' unit weight: 22 lbs.

### Optic

Reflectors fabricated of 22 Ga. steel finished in High Reflectance White powder coat. Extruded acrylic lens .085" 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. 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

Output - 10 watts for 90 minutes. Maximum mounting height: 19.2ft.

### 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. The Naturals: 100% low VOC vinyl.

### Lumen Maintenance

Reported: L70 > 61,000 hours  
L90 > 61,000 hours

Calculated: L70 at > 480,000 hours  
L90 at > 128,000 hours

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

### Reliability

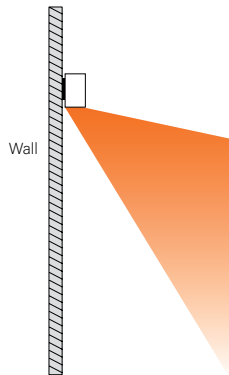
At Focal Point, our products are designed to stand the test of time. Each luminaire is engineered using superior components, manufactured with the utmost care and rigorously tested. Contact us for reliability data.

### Warranty

LED system rated for operation in ambient environments up to 25°C. 5-year limited warranty.

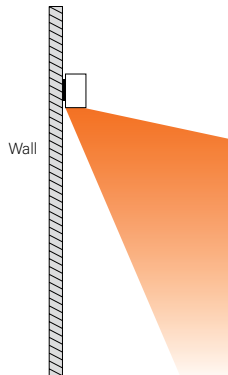
### DIRECT ASYMMETRIC

Standard Application Example



### DIRECT ASYMMETRIC ROOM FILL

Standard Application Example

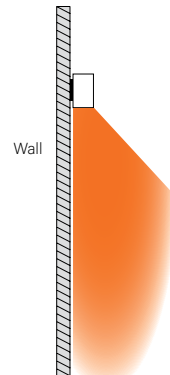


#### Asymmetric Room Fill Lens

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.

### DIRECT GRAZER

Standard Application Example



#### 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.

# Finishes

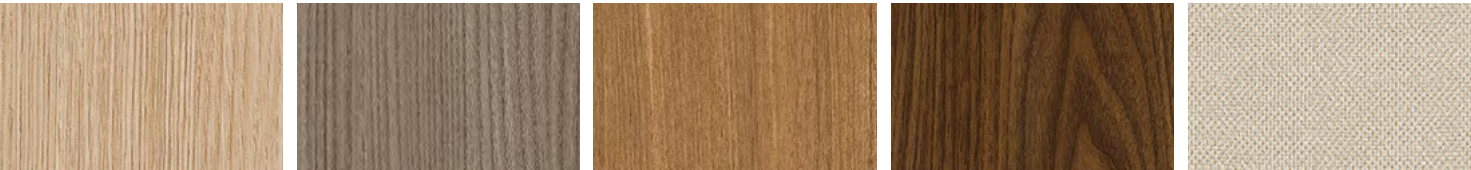


**STANDARD FINISHES**



WHITE                      WH    BLACK                      BK    TITANIUM SILVER                      TS

**THE NATURALS (25% SCALE)**



LIGHT OAK                      LOK    GRAY ELM                      GRE    CHESTNUT                      CHT    WALNUT                      WLT    WOVEN LINEN                      WLN

# 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.

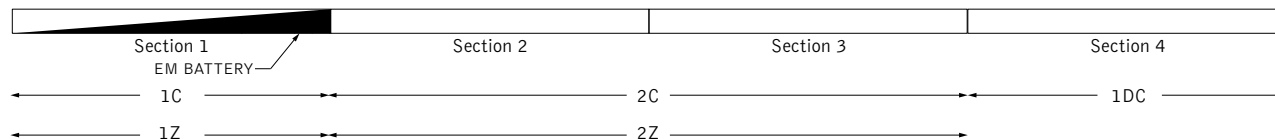
Refer to the run chart for standard run configurations, consult factory for custom configurations.

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



FOCAL POINT®

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								

WORKSHEET

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.