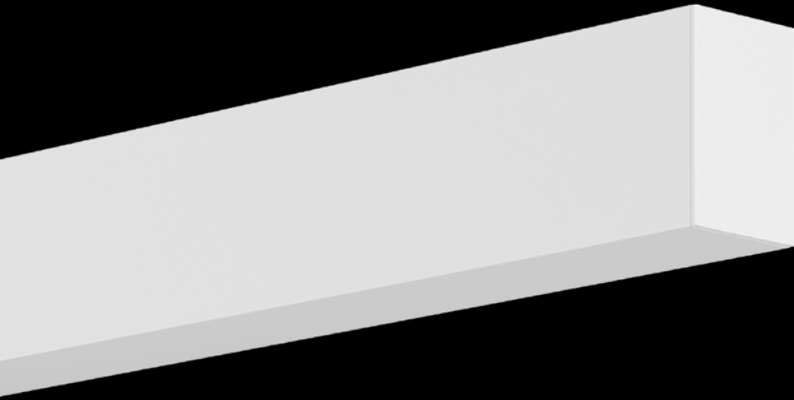
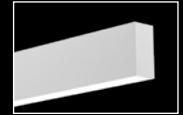


Seem® 1

LED INDIRECT ONLY WALL MOUNT

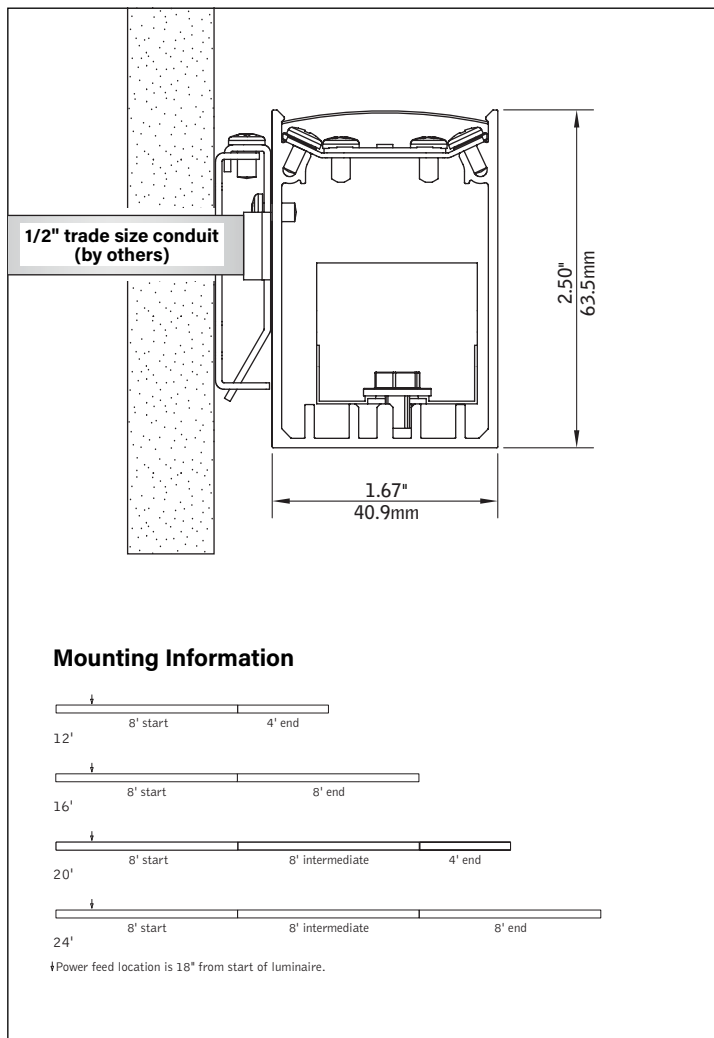


The Naturals collection - Chestnut shown



lensed
companion

DIMENSIONAL DATA



FEATURES

Narrow extruded aluminum 1.5" linear indirect LED wall mount luminaire.

Individual units and continuous runs in 1' increments.

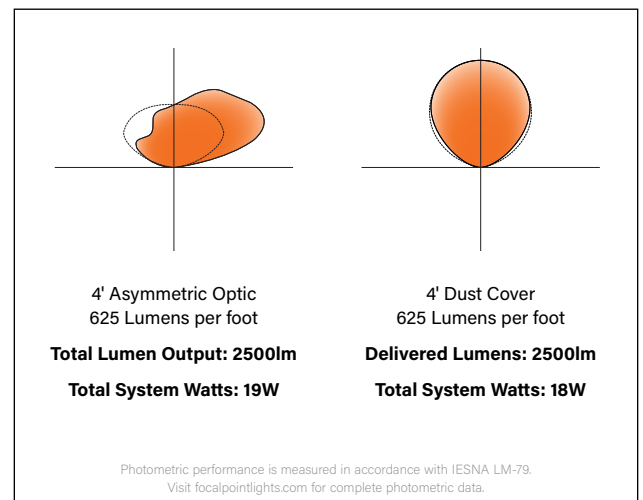
Choice of output levels and light distributions to meet a wide variety of application needs.

Features Right Light lumen levels allowing lumen and wattage design flexibility.

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.

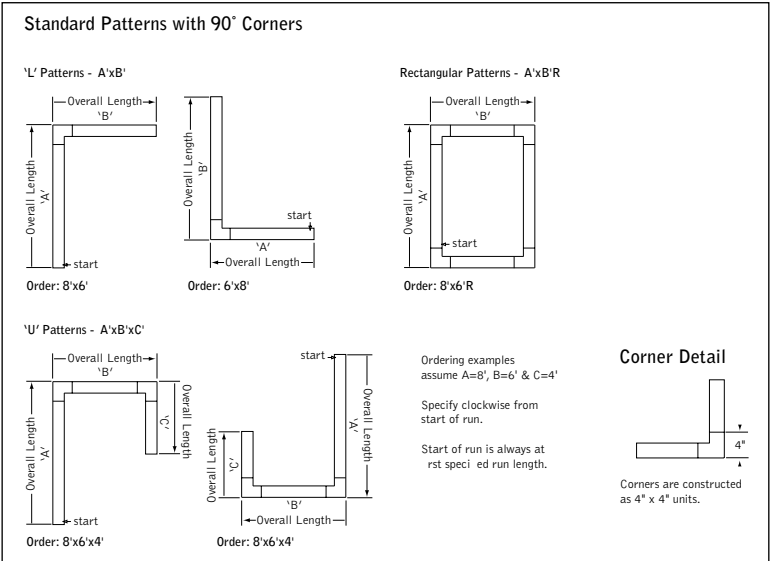
PERFORMANCE



fixture:

project:

DETAILS



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 both 80 and 90 CRI options. 3500K and 4000K with CRI>90 have a cyanosis observation index (COI) of 3.3 or less. LED modules and drivers are replaceable from above. Color accuracy <3 SDCM.

Construction

One piece extruded aluminum housing. Cast aluminum end caps. 8' unit weight: 12lbs.

Optic

Reflectors fabricated of 20 Ga. steel finished in Matte White powder coat.

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.

Backup Battery / Auxillary Circut

Backup battery output - 10 watts for 90 minutes. EM/EC options do not meet UL 924 requirements.

Labels

UL and cUL Listed. Suitable for Dry or Damp Locations, indoor use only. The Naturals: 100% low VOC vinyl.

Finish

Polyester powder coat applied over a multi-stage pre-treatment.

Lumen Maintenance

Reported: L70 at >61,000 hours Calculated: L70 at 470,000 hours
L90 at >61,000 hours L90 at 115,000 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.

4' PERFORMANCE CHART

		Asymmetric Optic		Dust Cover	
Lumens per Foot	Delivered Lumens	Tested System Watts	LPW	Tested System Watts	LPW
250LF	1000	9	118	8	122
375LF	1500	12	126	12	130
500LF	2000	15	133	14	137
625LF	2500	19	135	18	140
800LF	3200	25	132	24	136
1000LF	4000	31	131	30	136
1250LF	5000	41	128	40	131

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

Focal Point LLC reserves the right to change specifications for product improvement without notification.

ORDERING

Luminaire Series		FSM1IW
Seem 1 LED Indirect	FSM1IW	
Shielding		
Asymmetric Optic	AS	
Dust Cover	DC	
Indirect Distribution		
250 Lumens per foot	250LF	
375 Lumens per foot	375LF	
500 Lumens per foot	500LF	
625 Lumens per foot	625LF	
800 Lumens per foot	800LF	
1000 Lumens per foot	1000LF	
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 for multiple circuiting and zoning options	_C_Z_DL	
Voltage		
120/277 UNV Volt	UNV	
347 Volt (LD1 driver only)	347	
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 (Not available with 1000LF or 1250LF)	D11	
Mounting		WM
Wall Mount	WM	
Factory Options (See Ordering Guide on page 3 for ordering details for DC, EC, EM & ECD.)		
Daylight Circuit	_DC	
Auxiliary Circuit	_EC	
Backup Battery Pack†	_EM	
Emergency Control Device†	_ECD	
†(4' minimum. 120/277 Volt only. Does not meet UL 924.)		
Finish (See finishes page for The Naturals options)		
Black	BK	
Titanium Silver	TS	
Matte White Housing	WH	
Luminaire Length Specify luminaire/row length in 1' increments (2' minimum. Leave blank for patterns. Smaller increments available, consult factory.)		X'
Pattern Options (2' minimum length)		
'L' pattern	A' x B'	
'U' pattern	A' x B' x C'	
(Consult factory for other pattern options)		

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.

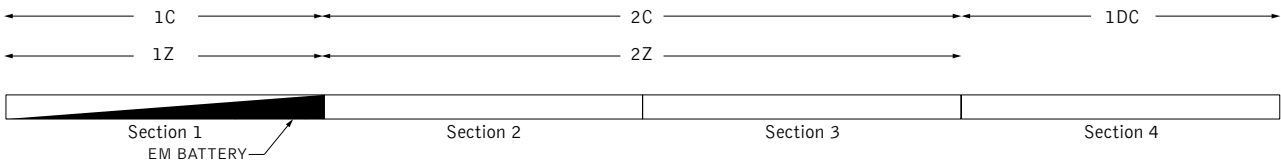
Refer to the run chart for standard run configurations, consult factory for custom configurations.

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.

EXAMPLE	TOTAL RUN LENGTH: 32ft		JOB NAME: _____			FIXTURE TYPE: _____		
	HOUSING SECTION	SECTION LENGTH	SHARED ELECTRICAL FEED, NORMAL POWER			FACTORY OPTIONS		
						SEPARATE ELECTRICAL FEEDS		
			SWITCHING CIRCUIT	DIMMING ZONE	DAYLIGHT ZONE	DAYLIGHT CIRCUIT	AUXILIARY CIRCUIT	ECD
	1	8	1C	1Z				
	2	8	2C	2Z				
	3	8	2C	2Z				
	4	8				1DC		
	Totals / Ordering Codes		2C	2Z		1DC		

ORDERING: FSM1IW-DC-625LF-35K- 2C2Z -UNV-LD1-WM- 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 = Auxiliary Circuit Switched Hot / Separate Neutral
DL = Daylight Zone Daylight Dimming Control Wires	EM = Backup Battery Pack 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

WORKSHEET

TOTAL RUN LENGTH: _____		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	AUXILIARY 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.

Finishes



STANDARD FINISHES



THE NATURALS (25% SCALE)

