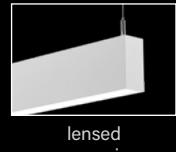
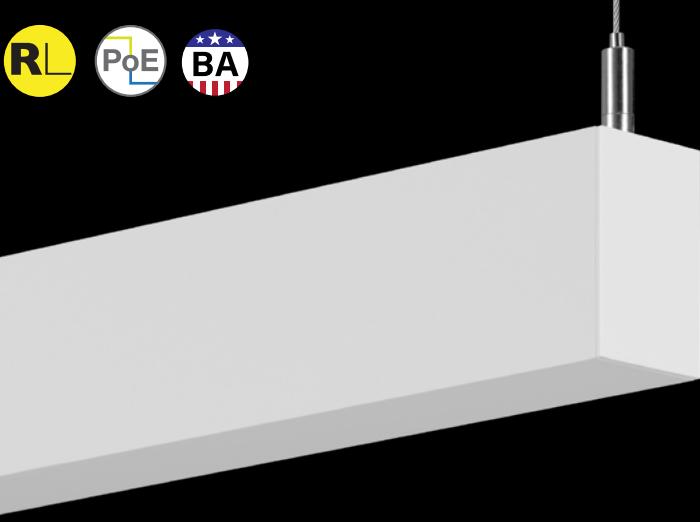


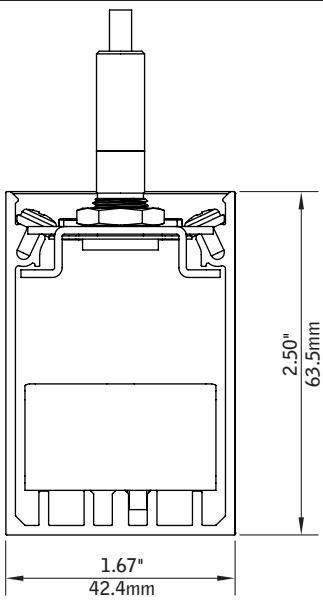
Seem® 1

LED INDIRECT ONLY

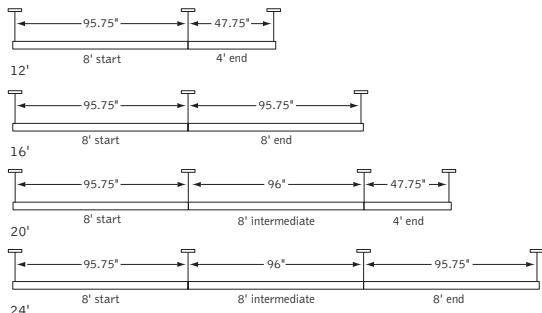


The Naturals collection - Chestnut shown

DIMENSIONAL DATA



Mounting Information



Consult factory for additional row length information.

FEATURES

Narrow extruded aluminum 1.5" linear indirect LED suspended luminaire.

Individual units and continuous runs in 1' increments.

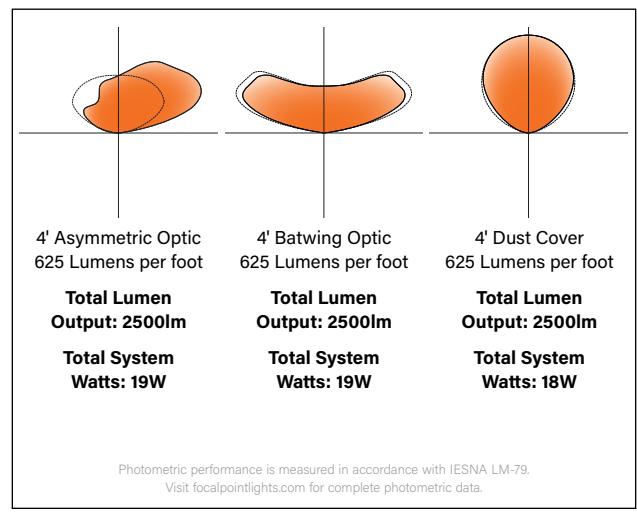
Choice of output levels and light distributions to meet a wide variety of application needs.

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

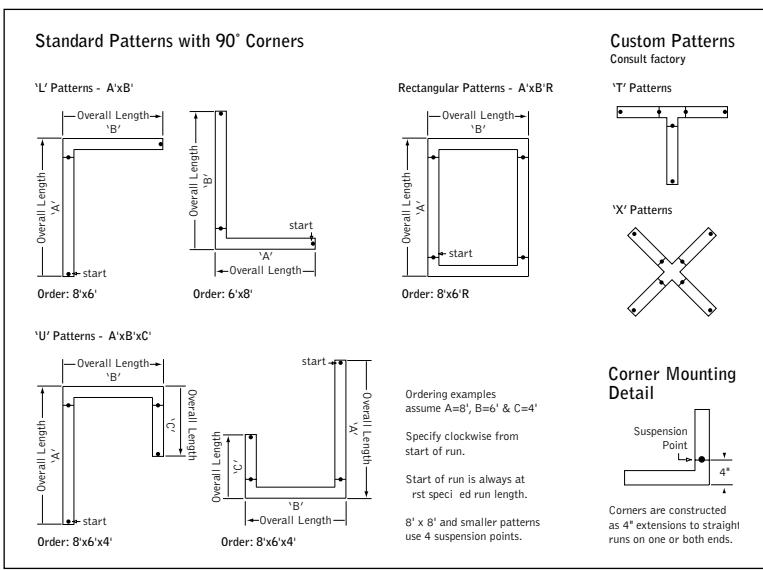
PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.

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

PERFORMANCE



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 Circuit

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.

Finish

Polyester powder coat applied over a multi-stage pre-treatment. The Naturals: 100% low VOC vinyl. Canopy and cord white as standard.

Lumen Maintenance

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

Calculated: L70 at 470,000 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

See page 3.

ORDERING

Luminaire Series Seem 1 LED Indirect FSM1IS

Shielding

Asymmetric Optic AS
Batwing Optic BW
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 347
(LD1 driver only)

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% LH1
Dimming
DALI 1% Dimming D11
(Not available with 1000LF or 1250LF)

Mounting

24" Cable Suspension C24
48" Cable Suspension C48
96" Cable Suspension C96

(Specify canopy color, see finishes page for options.
Example: White = C24W(H))

(Specify one of the following in place of "C"
J - for 2" canopies at non-feed locations.
CS - for sloped ceiling applications.)

Factory Options

(See Ordering Guide on page 4 for
ordering details for DC, EC, EM & ECD)

Black Cord BKCD
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.)

Pattern Options

(2' 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)

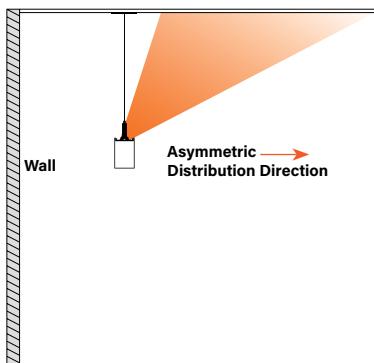
FSM1IS

SEEM 1 INDIRECT SUSPENDED - 4' PERFORMANCE CHART

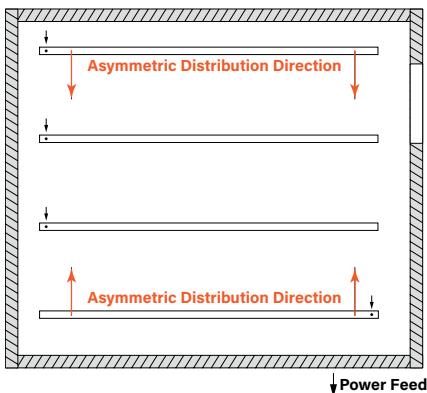
		Asymmetric Optic		Batwing Optic		Dust Cover	
Lumens per Foot	Delivered Lumens	Tested System Watts	LPW	Tested System Watts	LPW	Tested System Watts	LPW
250LF	1000	9	118	9	119	8	122
375LF	1500	12	126	12	127	12	130
500LF	2000	15	133	15	132	14	137
625LF	2500	19	135	19	135	18	140
800LF	3200	25	132	25	130	24	136
1000LF	4000	31	131	31	129	30	136
1250LF	5000	41	128	40	126	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%

INDIRECT ASYMMETRIC OPTIC



STANDARD APPLICATION EXAMPLE



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 Compliant¹; Copper; Polymethyl methacrylate; Steel; Poly(imino(1,6-dioxo-1,6-hexanediy)imino-1,6-hexanediy); Poly(vinyl 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(pentabromophenoxy) ether (decabromodiphenyl ether) (DecaBDE); Tris(2-ethylhexyl) trimellitate; Zinc; Methyl methacrylate; Antimony oxide (Antimony trioxide); Kaolin, calcined; Octadecanoic acid, calcium salt; Steel, carbon

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

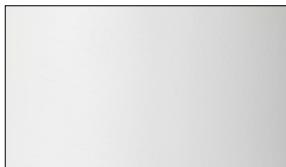
FPL-0003
EXP. 01 FEB 2027
Original Issue Date: 2024

INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/declare

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

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.

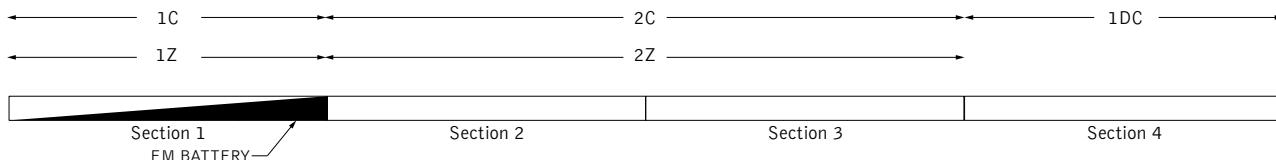
Refer to the run chart for standard run configurations, consult factory for custom configurations.

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		
			Switching Circuit	Dimming Zone	Daylight Zone	Daylight Circuit	Auxiliary 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: FSM1IS-DC-625LF-35K- **2C2Z** -UNV-LD1-C24WH- **1DC-1EM** -WH-32ft



KEY	
C = Switching Circuit	DC = Daylight Circuit
Switched Hot / Shared Neutral	Switched Hot / Separate Neutral
Z = Dimming Zone	EC = Auxiliary Circuit
Dimming Control Wires	Switched Hot / Separate Neutral
DL = Daylight Zone	EM = Backup Battery Pack
Daylight Dimming Control Wires	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	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.