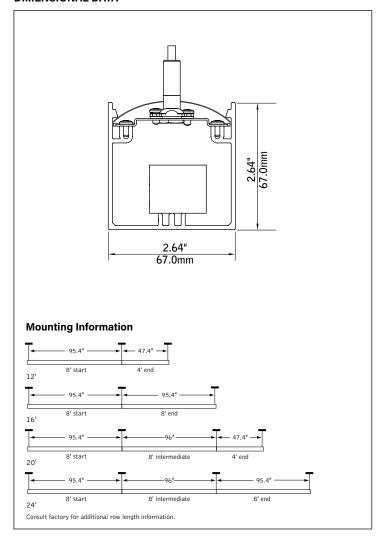
Seem® 2





DIMENSIONAL DATA



FEATURES

2.64" square extruded aluminum linear indirect LED suspended luminaire.

Individual units and continuous runs in 1" increments.

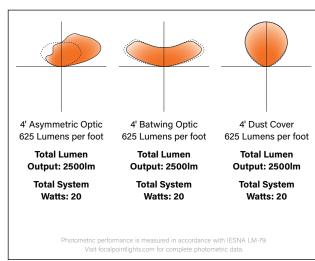
Choice of output levels and light distributions to meet a wide variety of application needs.

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.

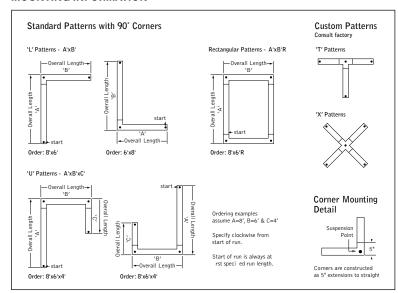
Available with The Naturals, a series of finishes that exude biophilic beauty.

PERFORMANCE



ixture: projec

MOUNTING INFORMATION



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: 16lbs.

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.

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

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

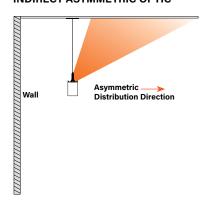
ORDERING		
Luminaire Series Seem 2 LED Indirect	FSM2IS	FSM2IS
Shielding	40	
Asymmetric Optic Batwing Optic	AS BW	
Dust Cover	DC	
Indirect Distribution		
250 Lumens per foot	250LF	
375 Lumens per foot	375LF	
500 Lumens per foot	500LF	
625 Lumens per foot	625LF	
750 Lumens per foot 875 Lumens per foot	750LF 875LF	
1000 Lumens per foot	1000LF	
1125 Lumens per foot	1125LF	
1250 Lumens per foot	1250LF	
1375 Lumens per foot	1375LF	
1500 Lumens per foot	1500LF	
1625 Lumens per foot	1625LF	
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 40K or 940K	
4000K, 80+ CRI or 90+ CRI Circuits & Zones	40K or 940K	
1 Circuit, non-emergency	1C	
Consult Ordering Guide for multiple	_C_Z_DL	
circuiting and zoning options		
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) -	LH1	
1% Dimming DALI 1% Dimming	D11	
(250LF 3' minimum. 875LF max.)	J.,	
Mounting		
24" Cable Suspension	C24_	
48" Cable Suspension	C48_	
96" Cable Suspension (Specify canopy color, see finishes page for options.	C96_	
Example: White = C24WH.) (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	
Auxillary Circuit Backup Battery Pack [†]	_EC 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	ft in
Luminaire Length Specify luminaire/row length	. ,	
in 1" increments	_ft _in	
(2' minimum. Leave blank for patterns. Smaller increments available, consult factory.)		
Pattern Options		
(2' minimum length) 'L' pattern	A' x B'	
'U' pattern	A'xB'xC'	
Rectangular pattern	A' x B' R	
(Consult factory for other pattern options)		

SEEM 2 INDIRECT SUSPENDED - 4' PERFORMANCE CHART

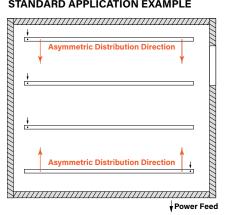
			Asymmetric Optic		Batwing Optic		Dust Cover
Lumens per Foot	Delivered Lumens	Tested System Watts	LPW	Tested System Watts	LPW	Tested System Watts	LPW
250LF	1000	7.34	136	7.29	137	7.23	138
375LF	1500	9.82	153	9.72	154	9.65	155
500LF	2000	12.64	158	12.54	160	12.41	161
625LF	2500	15.58	160	15.41	162	15.30	163
750LF	3000	18.58	161	18.37	163	18.24	164
875LF	3500	22.51	155	21.51	163	21.29	164
1000LF	4000	25.85	155	25.57	156	25.32	158
1125LF	4500	29.34	153	29.06	155	28.77	156
1250LF	5000	32.93	152	32.52	154	32.27	155
1375LF	5500	36.62	150	36.19	152	35.87	153
1500LF	6000	40.47	148	39.94	150	39.58	152

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



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.

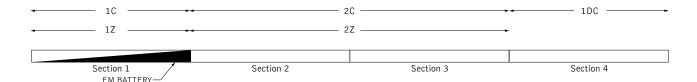
Refer to the run chart for standard run configurations, consult factory for custom configurations.

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:	32ft	JOB NAME:			FIXTURE TYPE: _			
	HOUSING SECTION		SHA	SHARED ELECTRICAL FEED,			FACTORY OPTIONS			
			NORMAL POWER			SEPARATE ELECTRICAL FEEDS				
m	SECTION	LENGTH	SWITCHING CIRCUIT	DIMMING ZONE	DAYLIGHT ZONE	DAYLIGHT CIRCUIT	AUXILLARY CIRCUIT	ECD	EM	
EXAMP	1	8	1C	1Z					1EM	
Ę	2	8	2C	2Z						
	3	8	2C	2Z						
	4	8				1DC				
	Totals / Ord	ering Codes	2C	2Z		1DC			1EM	

ORDERING: FSM2IS-DC-625LF-35K- 2C2Z -UNV-LD1-C24WH- 1DC-1EM -WH-32ft



C = Switching Circuit Switched Hot / Shared Neutral Z = Dimming Zone Dimming Control Wires DL = Daylight Zone Daylight Dimming Control Wires 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:		
			SHARED ELECTRICAL FEED, NORMAL POWER			FACTORY OPTIONS			
	HOUSING	SECTION				SEPARATE ELECTRICAL FEEDS			
	SECTION	LENGTH	SWITCHING CIRCUIT	DIMMING ZONE	DAYLIGHT ZONE	DAYLIGHT CIRCUIT	AUXILLARY CIRCUIT	ECD	EM
	1								
	2								
	3								
	4								
	5								
	6								
	7								
WO	8								
WORKSHEET	9								
EET	10								
	11								
	12								
	13								
	14								
	15								
	16								
	17								
	18								
	19								
	20								
	Totals / Ord	ering 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
9	5 + 4	21	8 + 8 + 5	33	8 + 8 + 8 + 5 + 4
10	6 + 4	22	8 + 8 + 6	34	8 + 8 + 8 + 6 + 4
11	7 + 4	23	8 + 8 + 7	35	8 + 8 + 8 + 7 + 4
12	8 + 4	24	8 + 8 + 8	36	8 + 8 + 8 + 8 + 4
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+4

(ft)	Section Lengths
45	8 + 8 + 8 + 8 + 8 + 5
46	8 + 8 + 8 + 8 + 8 + 6
47	8 + 8 + 8 + 8 + 8 + 7
48	8 + 8 + 8 + 8 + 8 + 8

Standard run configurations, consult factory for custom configurations.

Finishes



STANDARD FINISHES



THE NATURALS (25% SCALE)

