

Seem[®] 2

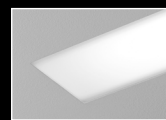
LED SUSPENDED WITH POP-DOWN LENS



FOCAL POINT[®]



recessed pop-down lens companion



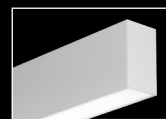
recessed flush lens companion



perimeter companion

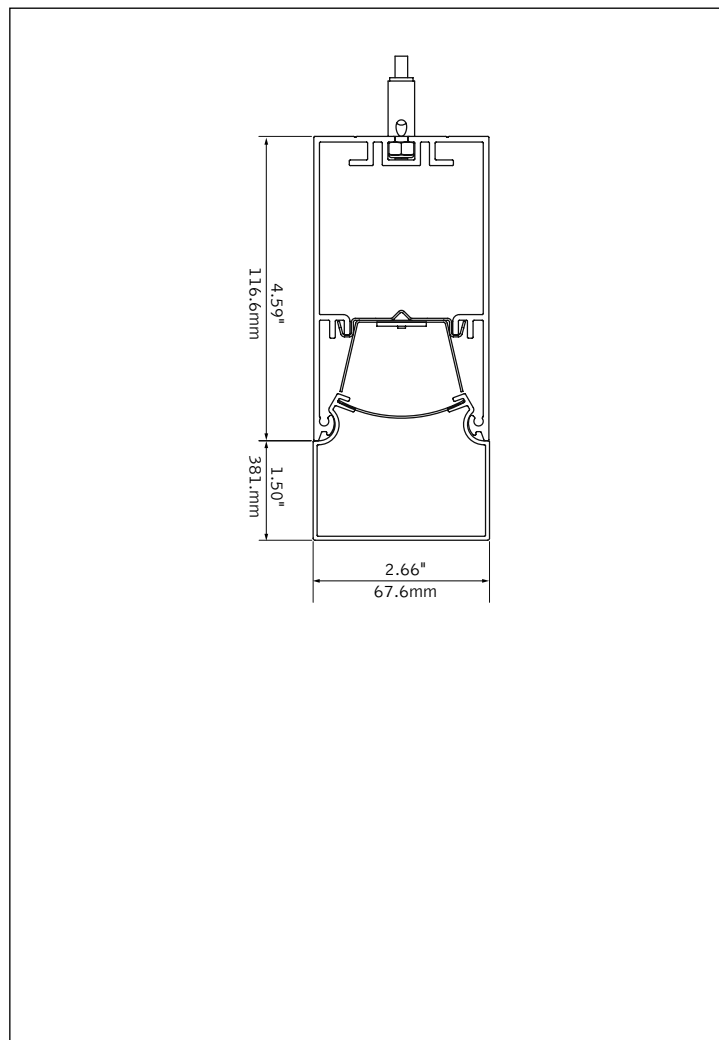


wall to ceiling companion



wall mount companion

DIMENSIONAL DATA



FEATURES

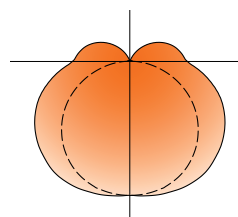
2.5" linear direct LED with 1.5" pop-down lens.

Dimensional frosted acrylic lens provides uninterrupted illumination, without pixels or shadows.

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.

PERFORMANCE



PRODUCT OVERVIEW

Lumen Output:	500-2500lm
Wattage:	5-33W
LPW:	71-90
SDCM:	3

4' Pop-Down Lens
Nominal output:
625 Lumens per foot

Delivered Lumens: 2500lm

Total System Watts: 33W

Photometric performance is measured in accordance with IESNA LM-79.
Visit focalpointlights.com for complete photometric data.

fixture:

project:

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 3000K, 3500K or 4000K with CRI>80, 3SDCM. LED modules and drivers are replaceable from below.

Construction

One piece extruded aluminum housing. Cast aluminum end caps. 2' unit weight: 4.8 lbs., 3' unit weight: 7.2 lbs., 4' unit weight: 9.6 lbs., 5' unit weight: 12 lbs.

Optic

Reflectors fabricated of 22 Ga. steel finished in High Reflectance White powder coat. Extruded acrylic lens .06" thick with frosted 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. Power factor > .9.

Emergency Battery

IOTA CP-10. Emergency output - 10 watts for 90 minutes.

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.

Lumen Maintenance

Calculated: L70 at 480,000 hours Reported: L70 at >61,000 hours
 L90 at 125,000 hours L90 at >61,000 hours

Derived from EPA TM-21 calculator.

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

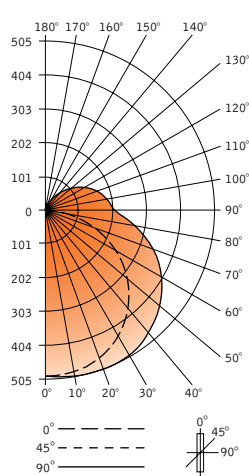
Shielding	Lumens per Foot	Delivered Lumens	Tested System Watts	LPW
1.5" Pop-Down Lens	125LF	500	5	90
	250LF	1000	13	75
	375LF	1500	19	74
	625LF	2500	33	71

*Based on 3500k, 4' lengths. *Lumen output may vary +/- 7%. Actual wattage may vary +/- 5%

ORDERING

Luminaire Series	FSM2LS	FSM2LS
Seem 2 LED	FSM2LS	
Shielding		PD
1.5" Pop-Down Lens	PD	
Lumen Output		
125 Lumens per foot <small>(LD1, L11 & D11 only. 4' minimum.)</small>	125LF	
250 Lumens per foot <small>(Not available with LU5 & LH1. 4' minimum with D11)</small>	250LF	
375 Lumens per foot <small>(4' minimum with LU5, LH1 & D11)</small>	375LF	
625 Lumens per foot <small>(3' minimum with LU5 & LH1 Drivers)</small>	625LF	
Color Temperature		
3000K	30K	
3500K	35K	
4000K	40K	
Circuit		1C
Single Circuit	1C	
Voltage		
120 Volt	120	
277 Volt	277	
UNV Volt <small>(Cannot be specified with EM option)</small>	UNV	
Driver <small>(See driver reference for driver quantities)</small>		
0-10V - 10% Dimming	LD1	
0-10V - 1% Dimming	L11	
Lutron A-Series	L3D	
1% EcoSystem Digital <small>(Consult factory for 3-wire control)</small>		
Lutron H-Series 1% Dimming	LH1	
Lutron 5-Series	LU5	
5% EcoSystem Digital		
DALI 1% Dimming	D11	
Mounting		
24" Cable Suspension	C24	
48" Cable Suspension	C48	
96" Cable Suspension <small>(Add "P" for Chicago plenum. Eg: CP12) (Specify "J" in place of "C" for 5' Dia canopies at power feed and 2' dia canopies at non-feed locations) (Consult factory for sloped ceiling applications)</small>	C96	
Surface Mount	SM	
Factory Options		
Emergency Circuit*	EC	
Emergency Battery Pack*	EM	
Finish		
Titanium Silver	TS	
Matte White Housing	WH	
Luminaire Length <small>(Lengths are nominal)</small>		
	2'	
	3'	
	4'	
	5'	
	6'	
	7'	
	8'	
<small>(Smaller increments available. Consult factory for details.)</small>		

CANDLEPOWER DISTRIBUTION



Vertical Angle	Horizontal Angle				
	0°	22.5°	45°	67.5°	90°
0°	498	498	498	498	498
5°	496	500	499	501	502
15°	481	491	496	503	505
25°	448	464	478	495	501
35°	398	421	450	474	482
45°	335	368	407	437	447
55°	265	310	355	392	404
65°	188	239	297	339	353
75°	109	168	233	276	291
85°	39	102	167	211	226
90°	10	75	140	184	200
95°	9	67	130	174	189
105°	8	56	117	158	172
115°	6	42	98	137	151
125°	4	26	75	110	123
135°	3	10	50	80	90
145°	1	1	22	48	56
155°	0	0	2	15	22
165°	0	0	0	0	0
175°	0	0	0	0	0
180°	0	0	0	0	0

LUMEN SUMMARY

Zone	Lumens	% Fixture
0-40°	688	28.2
0-60°	1308	53.7
0-90°	1991	81.7
Total Luminaire 0-180°	2437	100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal		
	0°	45°	90°
45°	4200	3707	3714
55°	4025	3527	3580
65°	3762	3354	3461
75°	3364	3165	3306
85°	2825	2960	3170

Go to www.focalpointlights.com for additional photometric data.