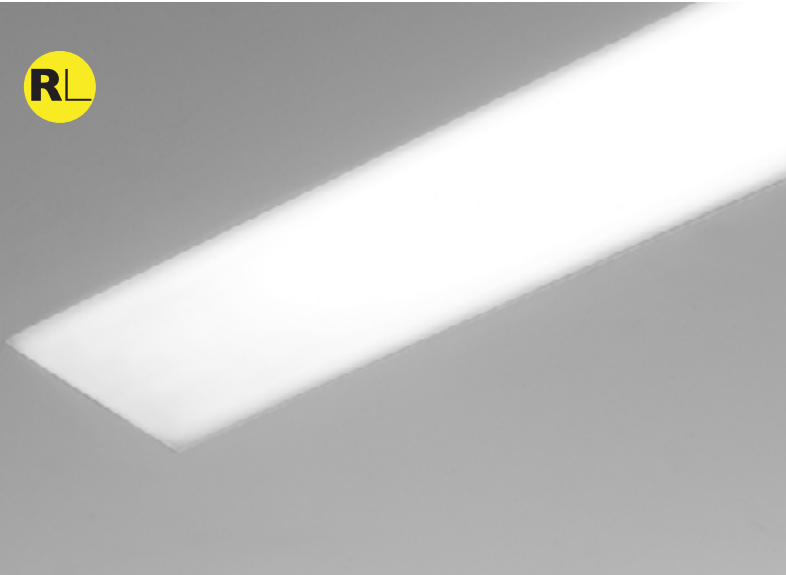


# Seem® 4

LED ASYMMETRIC FLUSH LENS



trimless mud-in



trim flange

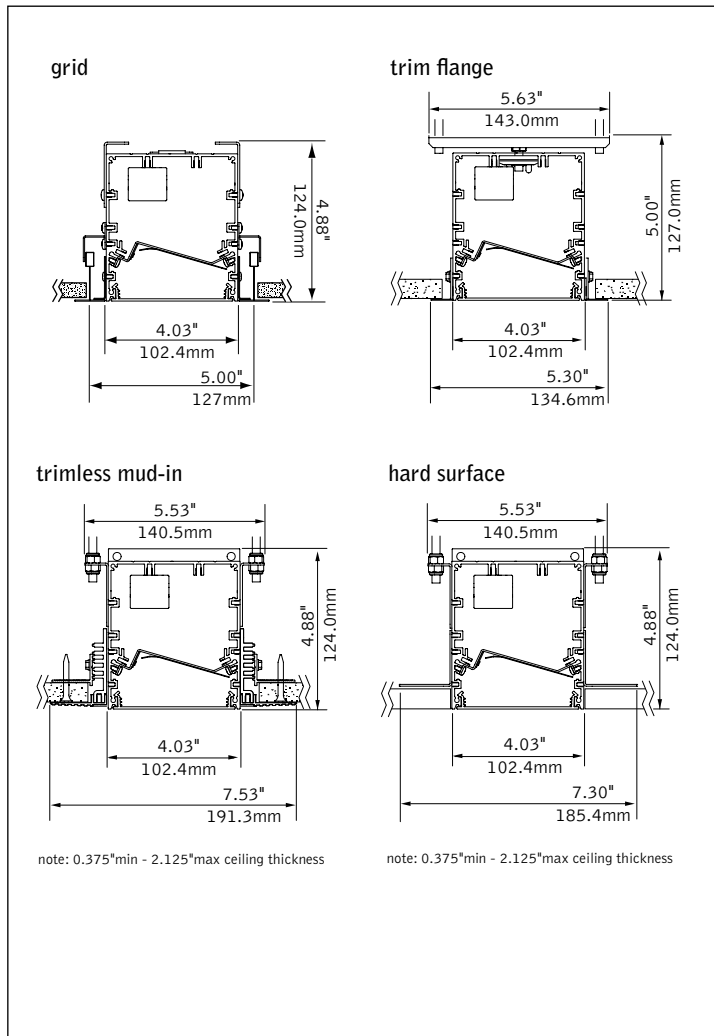


grid



suspended/surface  
mount companion

## DIMENSIONAL DATA



## FEATURES

Narrow extruded aluminum 4" aperture recessed asymmetric LED luminaire.

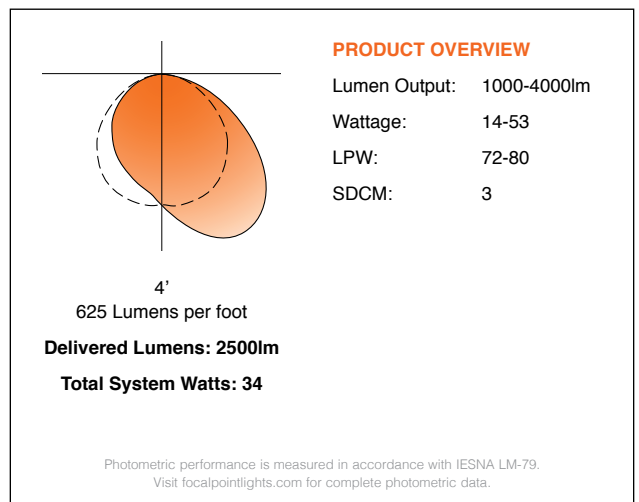
Integrates with ceiling in a variety of mounting styles for a clean, unobtrusive aesthetic.

Individual units and continuous runs in 1' increments.

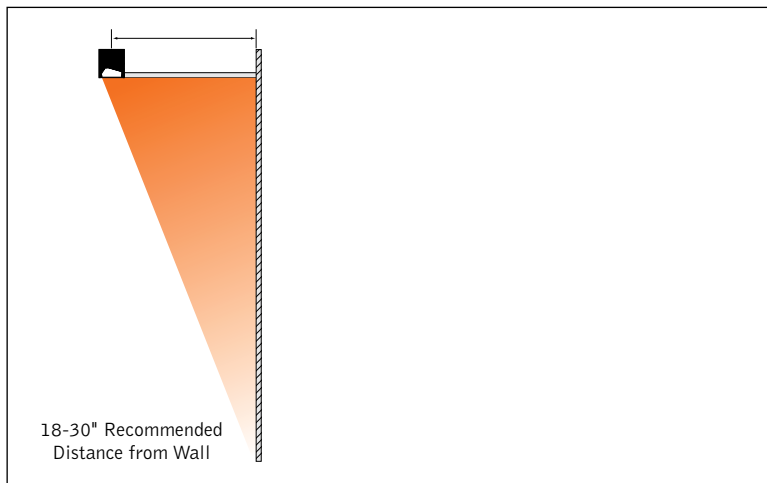
Flush frosted acrylic lens provides uninterrupted illumination.

Concealed LEDs provide the perfect blend of performance and visual comfort.

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

**Construction**

One piece extruded aluminum housing. 20 Ga. steel end caps. Housing for new construction applications. 2' unit weight: 5.1 lbs., 3' unit weight: 7.6 lbs., 4' unit weight: 10.1 lbs., 5' unit weight: 12.6 lbs.

**Optic**

Reflector fabricated of low iridescent, semi-specular premium grade aluminum. Acrylic lens .098" 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. Power factor > .9.

**Emergency Battery**

Emergency output - 10 watts for 90 minutes. Max. mounting height: 19ft.

**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**

Reported: L70 at >61,000 hours                      Calculated: L70 at 475,000 hours  
 L90 at >61,000 hours                                  L90 at 130,000 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**

Shielding	Lumens per Foot	Delivered Lumens	System Watts	LPW
Flush Frosted Lens	275LF	1000	14	79
	375LF	1500	20	79
	625LF	2500	34	72
	875LF	3500	44	80
	1000LF	4000	53	77

Based on 3500K, 4' lengths. Lumen multipliers: 3000K = 1.035, 4000K = 0.975. Lumen output may vary +/- 5%. Actual wattage

**ORDERING**

<b>Luminaire Series</b>	<b>FSM4AL</b>	<b>FSM4AL</b>
Seem 4 Asymmetric LED		
<b>Shielding</b>	<b>FFL</b>	<b>FFL</b>
Flush Frosted Lens		
<b>Lumen Output</b>		
275 Lumens per foot	275LF	
375 Lumens per foot	375LF	
625 Lumens per foot	625LF	
875 Lumens per foot	875LF	
1000 Lumens per foot	1000LF	
<b>Color Temperature</b>		
3000K	30K	
3500K	35K	
4000K	40K	
<b>Circuit</b>	<b>1C</b>	<b>1C</b>
Single Circuit	1C	
<b>Voltage</b>	<b>UNV</b>	<b>UNV</b>
120/277 UNV Volt	UNV	
<b>Control System &amp; Dimming Level</b>		
0-10V - 10% Dimming	LD1	
0-10V - 1% Dimming	L11	
Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming	LH1	
Lutron 5-Series EcoSystem (LDE5) - 5% Dimming	LU5	
DALI - 1% Dimming	D11	
<b>Ceiling Configuration</b>		
Std. 15/16" Lay-in	G1	
Std. 15/16" Tegular	T1	
Std. 9/16" Lay-in	G2	
Std. 9/16" Tegular	T2	
9/16" Slot-tee Tegular	G3	
Tall 15/16" Lay-in	G4	
Tall 15/16" Tegular	T4	
Tall 9/16" Lay-in	G5	
Tall 9/16" Tegular	T5	
Node 9/16" Tegular	T6	
Trim Flange Drywall	TF	
Trim Flange Wood	TFW	
Mud-in Trimless, pre-set for 1/2" Drywall	XF1	
Mud-in Trimless, pre-set for 5/8" Drywall	XF2	
Mud-in Trimless, set thickness in field	XFF	
(Mounting equipment assembled in field)		
Non-Drywall Hard Surface	XFN	
Hard Surface, Wood	XFW	
<b>Factory Options</b>		
Chicago Plenum	CP	
Emergency Circuit	EC	
Emergency Battery Pack	EM	
(4' lengths or longer)		
6' New York City Flex Whip (120V)	FNY1	
6' New York City Flex Whip (277V)	FNY2	
6' Flex Whip	FW	
<b>Finish</b>	<b>WH</b>	<b>WH</b>
Matte White Housing	WH	
<b>Luminaire Length</b>		
(Lengths are nominal, 2' minimum length.)		
Specify luminaire/row length in 1' increments	X'	
(Smaller increments available. Consult factory for details.)		

# Seem<sup>®</sup> 4

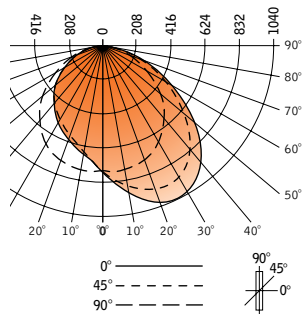
LED ASYMMETRIC FLUSH LENS

## FSM4AL-FFL-625LF-35K-1C-120-LD1-WH-4'

Filename: FSM4ALFFL625LF35KWH.IES  
 Test #: 19765.0

Lumens: 2412lm  
 Watts: 34W  
 LPW: 72

### CANDLEPOWER DISTRIBUTION



Vertical Angle	Horizontal Angle					Zonal Lumens
	0°	45°	90°	135°	180°	
0°	766	766	766	766	766	766
5°	842	825	777	714	709	74
15°	965	906	762	646	617	220
25°	1040	944	725	576	555	351
35°	1008	903	645	508	494	440
45°	862	766	542	420	425	459
55°	631	569	395	316	330	400
65°	408	370	263	209	223	287
75°	195	177	136	110	120	152
85°	28	36	24	22	16	30
90°	0	0	0	0	0	0
95°	0	0	0	0	0	0
105°	0	0	0	0	0	0
115°	0	0	0	0	0	0
125°	0	0	0	0	0	0
135°	0	0	0	0	0	0
145°	0	0	0	0	0	0
155°	0	0	0	0	0	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	0

### LUMEN SUMMARY

Zone	Lumens	% Fixture	
0-30°	645	26.7	
0-40°	1085	45.0	
0-60°	1943	80.6	
0-90°	2412	100.0	
<b>Total Luminaire</b>	<b>0-180°</b>	<b>2412</b>	<b>100</b>

Numbers indicate percentage values of reflectivity.

Go to [www.focalpointlights.com](http://www.focalpointlights.com) for additional photometric data.

note: Photometric testing performed in an independent lab with standard lamps and ballasts. Lamp and ballast type and configuration will affect photometric performance.