

# Seem<sup>®</sup> 4

LED ASYMMETRIC HIGH PERFORMANCE ANGLED LENS



FOCAL POINT<sup>®</sup>

RL

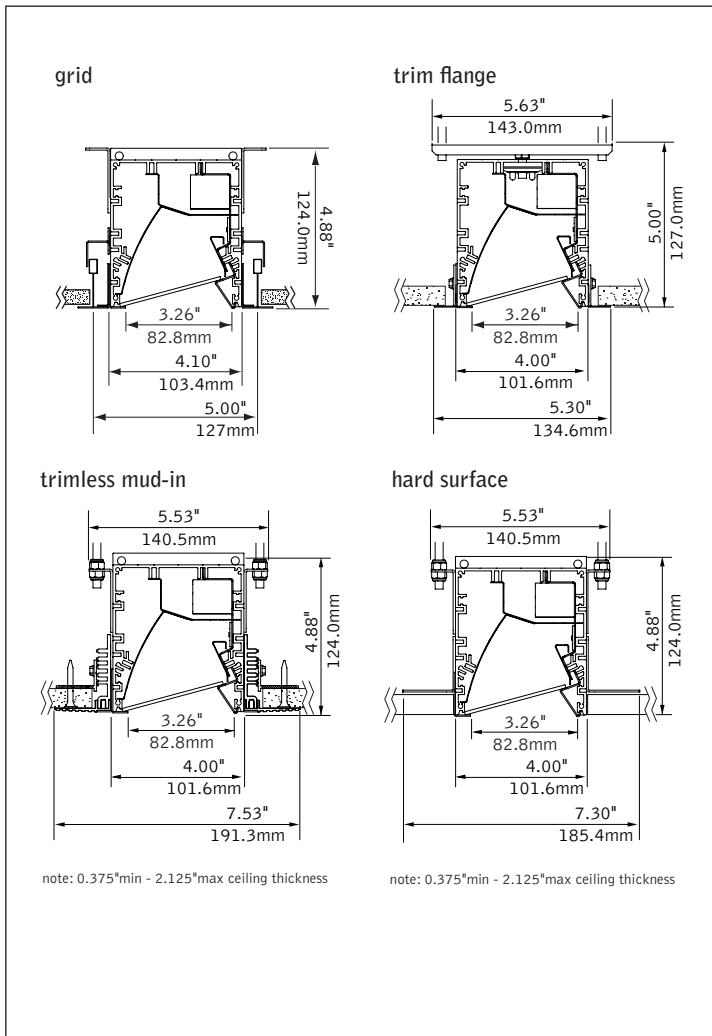


grid ceiling



trimless mud-in

## DIMENSIONAL DATA



## FEATURES

Narrow extruded aluminum 4" aperture recessed asymmetric LED luminaire.

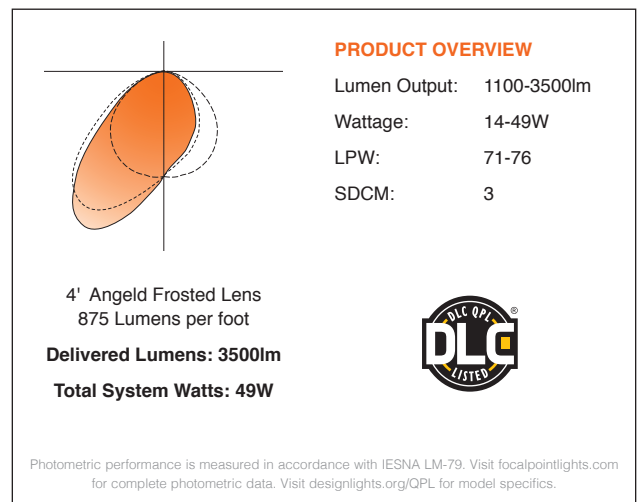
Integrates with ceiling in a variety of mounting styles for a clean, unobtrusive aesthetic.

Individual units and continuous runs in 1' increments.

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

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

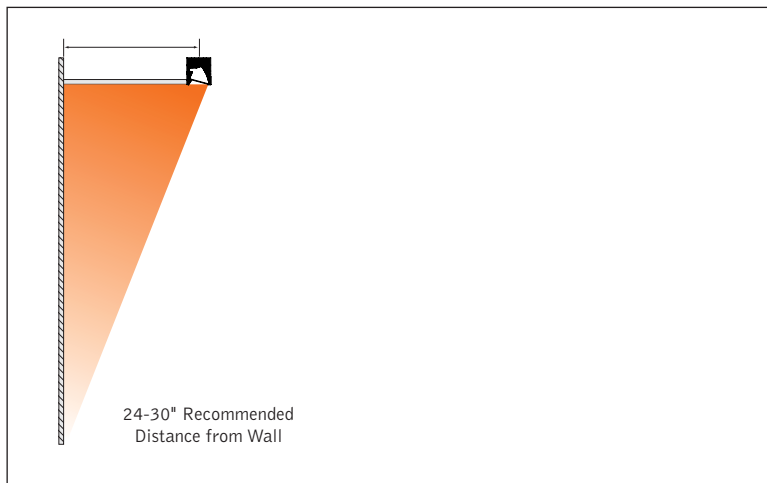
## PERFORMANCE



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 CRI>80 or CRI>90, 3SDCM. LED modules and drivers are replaceable from below.

**Construction**

Extruded aluminum housing. 20 Ga. steel end caps. Housing for new construction applications. XFW acceptable for use with wood, Type Non- IC only. 2' unit weight: 18 lbs., 3' unit weight: 24 lbs., 4' unit weight: 30 lbs., 5' unit weight: 36 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. Dimming range 100% to 10%. Power factor > .9.

**Emergency Battery**

IOTA CP12. Emergency output—12W for 90 minutes. Maximum mounting height: 16ft. Emergency Circuit maximum mounting height: 16ft.

**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: L90 > 104,000 hours      Reported: L90 at > 61,000 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	Tested System Watts	LPW
	275LF	1100	14	76
Angled Frosted Lens	375LF	1500	20	76
	625LF	2500	33	75
	875LF	3500	49	71

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

**ORDERING**

Luminaire Series	FSM4AL	FSM4AL
Seem 4 Asymmetric LED	FSM4AL	
<b>Shielding</b>		<b>FL</b>
Angled Frosted Lens	FL	
<b>Lumen Output</b>		
275 Lumens per foot <small>(Not available with Lutron driver)</small>	275LF	
375 Lumens per foot <small>(4' minimum with LU5 &amp; LH1 Drivers)</small>	375LF	
625 Lumens per foot <small>(4' minimum with LU5 &amp; LH1 Drivers)</small>	625LF	
875 Lumens per foot	875LF	
<b>Color Temperature</b>		
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	
<b>Circuit</b>		<b>1C</b>
Single Circuit	1C	
<b>Voltage</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	
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 <small>(Mounting equipment assembled in field)</small>	XFF	
Non-Drywall Hard Surface	XFN	
Hard Surface, Wood	XFW	
<b>Factory Options</b>		
Chicago Plenum	CP	
Emergency Circuit <small>(625LF &amp; 875LF only)</small>	EC	
Emergency Battery Pack <small>(4' lengths or longer)</small>	EM	
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>
Matte White Housing	WH	
<b>Luminaire Length</b> <small>(Lengths are nominal. 2' minimum length.)</small>		
Specify luminaire/row length in 1' increments <small>(Smaller increments available. Consult factory for details.)</small>	X'	