

Seem[®] 4

LED ASYMMETRIC HIGH PERFORMANCE ANGLED LENS



FOCAL POINT[®]

RL

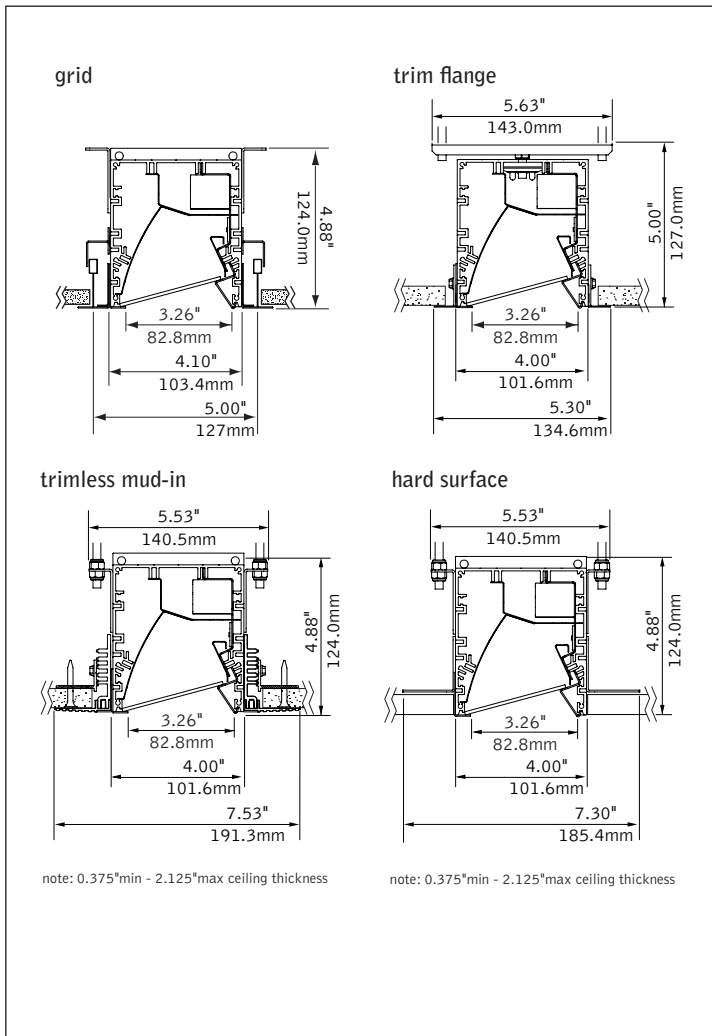


grid ceiling



trimless mud-in

DIMENSIONAL DATA



FEATURES

Narrow extruded aluminum 4" aperture recessed asymmetric LED luminaire.

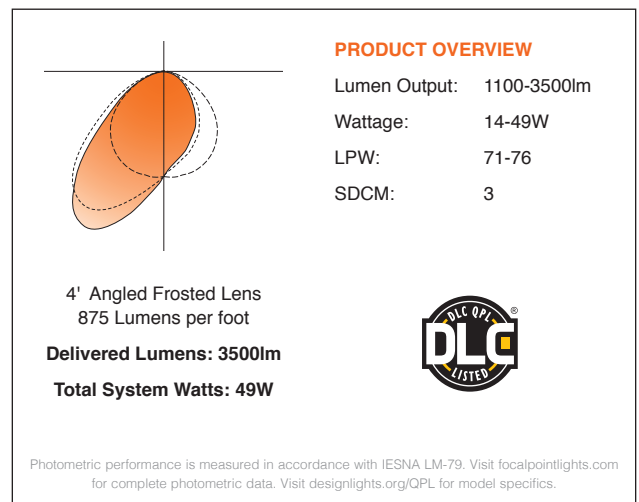
Integrates with ceiling in a variety of mounting styles for a clean, unobtrusive aesthetic.

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.

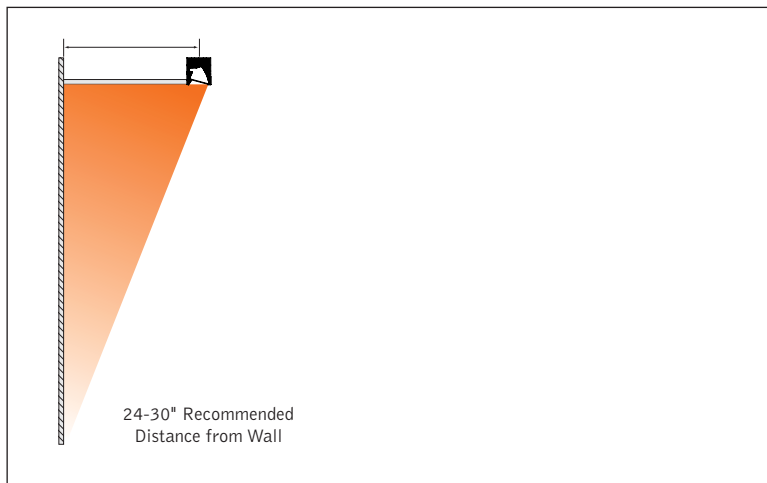
PERFORMANCE



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	
Shielding		FL
Angled Frosted Lens	FL	
Lumen Output		
275 Lumens per foot <small>(Not available with Lutron driver)</small>	275LF	
375 Lumens per foot <small>(4' minimum with LU5 & LH1 Drivers)</small>	375LF	
625 Lumens per foot <small>(4' minimum with LU5 & LH1 Drivers)</small>	625LF	
875 Lumens per foot	875LF	
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	
Circuit		1C
Single Circuit	1C	
Voltage		UNV
120/277 UNV Volt	UNV	
Control System & Dimming Level		
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	
Ceiling Configuration		
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	
Factory Options		
Chicago Plenum	CP	
Emergency Circuit <small>(625LF & 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	
Finish		WH
Matte White Housing	WH	
Luminaire Length <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'	