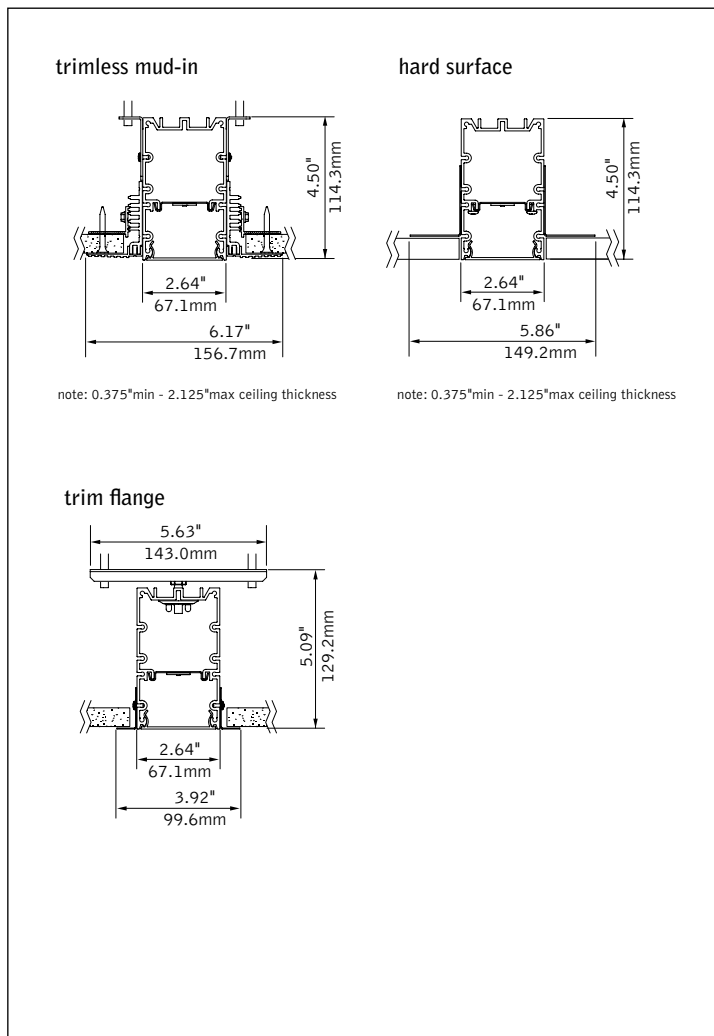


end detail

DIMENSIONAL DATA



FEATURES

Narrow extruded aluminum 2.5" aperture recessed slot LED suitable for wet location.

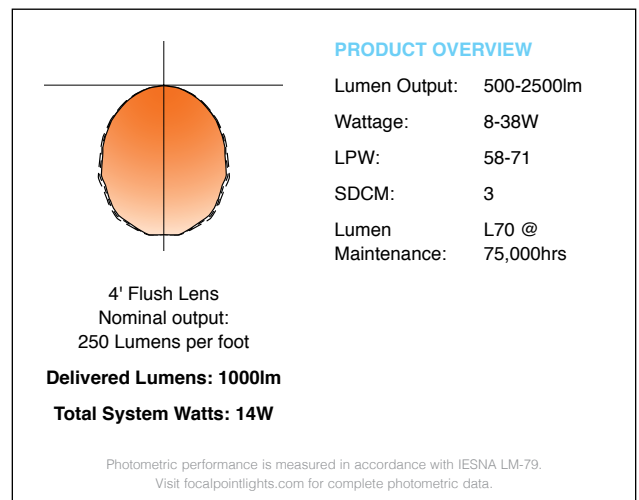
Integrates with ceiling for a clean, unobtrusive aesthetic.

Individual units in 1' increments up to 8'.

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.

PERFORMANCE



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, 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

Reflectors fabricated of 22 Ga. steel finished in High Reflectance White powder coat. Extruded acrylic lens .07" 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

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

Labels

UL and cUL wet listed for recessed ceiling applications in indoor and outdoor locations. Lutron Drivers not recommended for outdoor environments below 0°C.

Finish

Polyester powder coat applied over a 5-stage pre-treatment.

Lumen Maintenance

Calculated: L70 at 75,000hours Reported: L70 at >54,000 hours
Derived from EPA TM-21 calculator

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
Flush Lens	125LF	500	8	63
	250LF	1000	14	71
	375LF	1500	21	71
	625LF	2500	38	66

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

ORDERING

Luminaire Series	FSM2LWL	FSM2LWL
Seem 2 LED Wet Location	FSM2LWL	
Shielding		FL
Flush Satin Lens <small>(Ceiling applications only)</small>	FL	
Lumen Output		
125 Lumens per foot <small>(Not available with L3D driver. 4' minimum)</small>	125LF	
250 Lumens per foot	250LF	
375 Lumens per foot	375LF	
625 Lumens per foot	625LF	
Color Temperature		
3000K	30K	
3500K	35K	
4000K	40K	
Circuit		1C
Single Circuit	1C	
Voltage		
120 Volt	120	
277 Volt	277	
UNV Volt	UNV	
<small>(Cannot be specified with EM option)</small>		
Driver <small>(See driver reference for driver quantities)</small>		
0-10V - 10% Dimming	LD1	
Lutron A-Series	L3D	
1% EcoSystem Digital <small>(Not recommended for outdoor environments below 0°C. Consult factory for 3-wire control)</small>		
0-10V - 1% Dimming <small>(Consult factory)</small>		
Ceiling Configuration		
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	
Factory Options		
Chicago Plenum	CP	
Emergency Circuit*	EC	
Emergency Battery Pack* <small>(4' lengths or longer)</small>	EM	
6' New York City Flex Whip	FNY	
6' Flex Whip	FW	
Finish		WH
Matte White Housing	WH	
Luminaire Length <small>(Lengths are nominal)</small>		
	2'	2'
	3'	3'
	4'	4'
	5'	5'
	6'	6'
	7'	7'
	8'	8'
<small>(Smaller increments available. Consult factory for details.)</small>		

Seem[®] 2

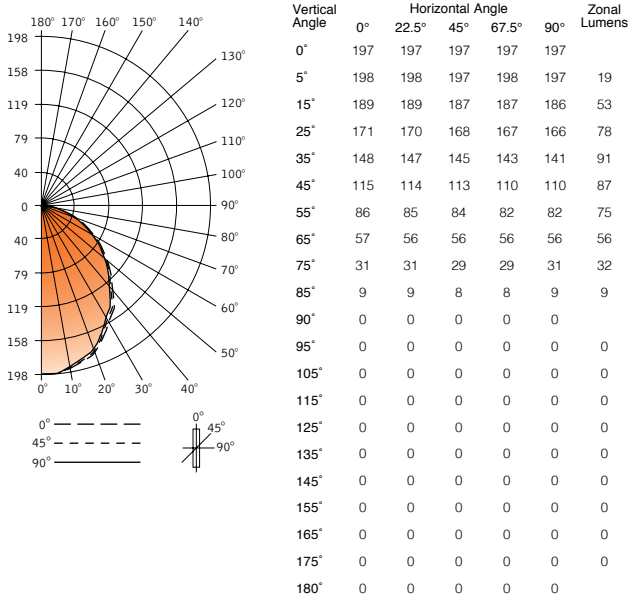
LED - FLUSH LENS

FSM2L-FL-125LF-35K-LD1-WH-4'

Filename: FSM2LFL125LF35K.IES
 Test #: 17828.0

Lumens: 500lm
 System Watts: 8.0W
 LPW: 62

CANDELPWER DISTRIBUTION



LUMEN SUMMARY

Zone	Lumens	% Fixture
0-30°	150	30.0
0-40°	241	48.2
0-60°	403	80.7
0-90°	500	100.0
Total Luminaire 0-180°	500	100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	2309	2254	2211
55°	2118	2064	2037
65°	1923	1868	1868
75°	1674	1614	1674
85°	1421	1332	1421

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

Seem[®] 2

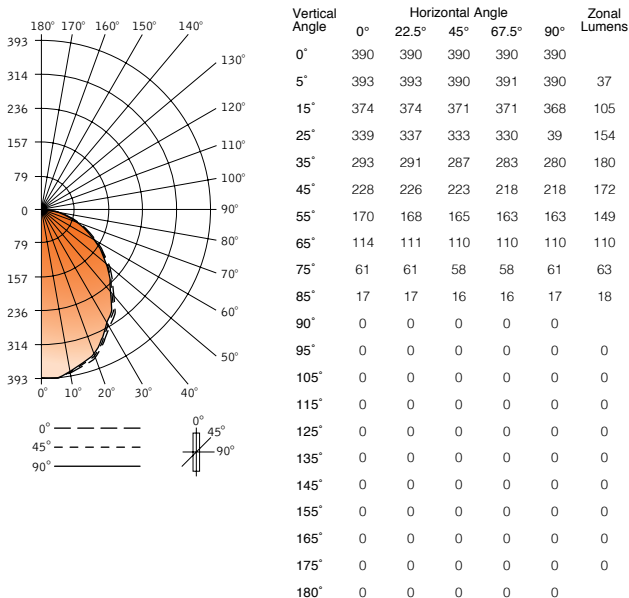
LED - FLUSH LENS

FSM2L-FL-250LF-35K-LD1-WH-4'

Filename: FSM2LFL250LF35K.IES
 Test #: 17829.0

Lumens: 990lm
 System Watts: 14.4W
 LPW: 69

CANDELPWER DISTRIBUTION



LUMEN SUMMARY

Zone	Lumens	% Fixture
0-30°	297	30.0
0-40°	477	48.2
0-60°	798	80.7
0-90°	990	100.0
Total Luminaire 0-180°	990	100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	4572	4464	4377
55°	3807	4087	4034
65°	3807	3698	3698
75°	3315	3197	3315
85°	2813	2637	2813

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

Seem[®] 2

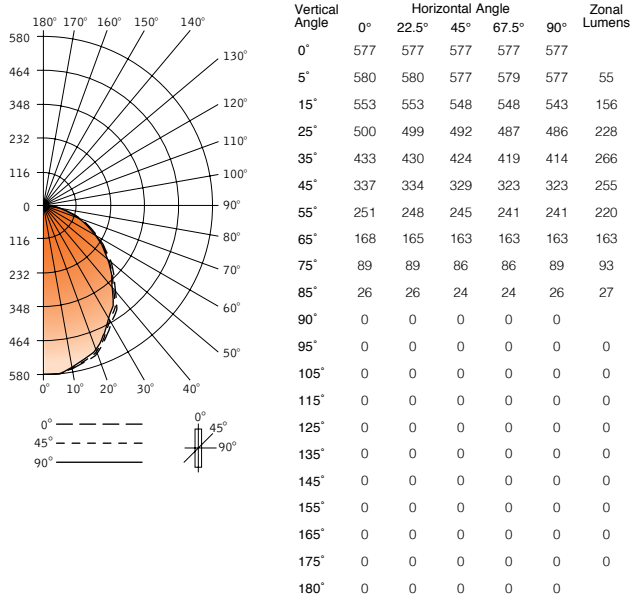
LED - FLUSH LENS

FSM2L-FL-375LF-35K-LD1-WH-4'

Filename: FSM2LFL375LF35K.IES
Test #: 17830.0

Lumens: 1463lm
System Watts: 21.1W
LPW: 69

CANDELPWER DISTRIBUTION



LUMEN SUMMARY

Zone	Lumens	% Fixture
0-30°	439	30.3
0-40°	705	48.2
0-60°	1180	80.7
0-90°	1463	100.0
Total Luminaire 0-180°	1463	100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	6756	6596	6468
55°	6197	6040	5961
65°	5625	5465	5465
75°	4899	4724	4899
85°	4156	3897	4156

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

Seem[®] 2

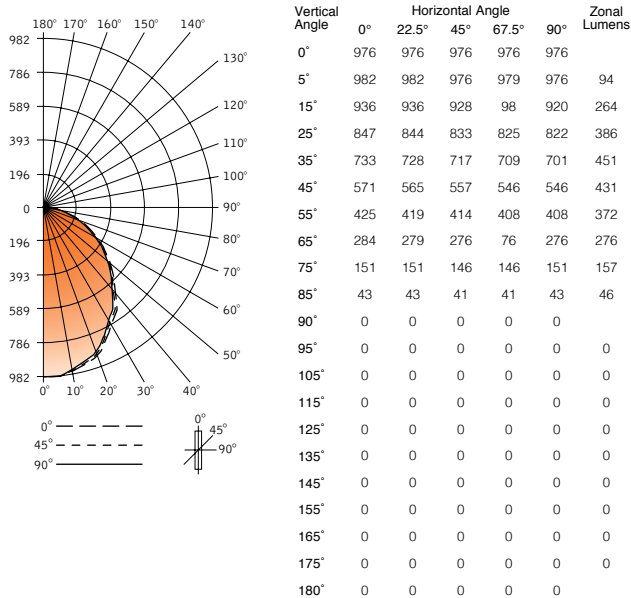
LED - FLUSH LENS

FSM2L-FL-625LF-35K-LD1-WH-4'

Filename: FSM2LFL625LF35K.IES
Test #: 17831.0

Lumens: 2476lm
System Watts: 38.0W
LPW: 65

CANDELPWER DISTRIBUTION



LUMEN SUMMARY

Zone	Lumens	% Fixture
0-30°	743	30.0
0-40°	1194	48.2
0-60°	1997	80.7
0-90°	2476	100.0
Total Luminaire 0-180°	2476	100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	11434	11163	10947
55°	10489	10221	10088
65°	9520	9248	9248
75°	8291	7995	8291
85°	7034	6595	7034

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