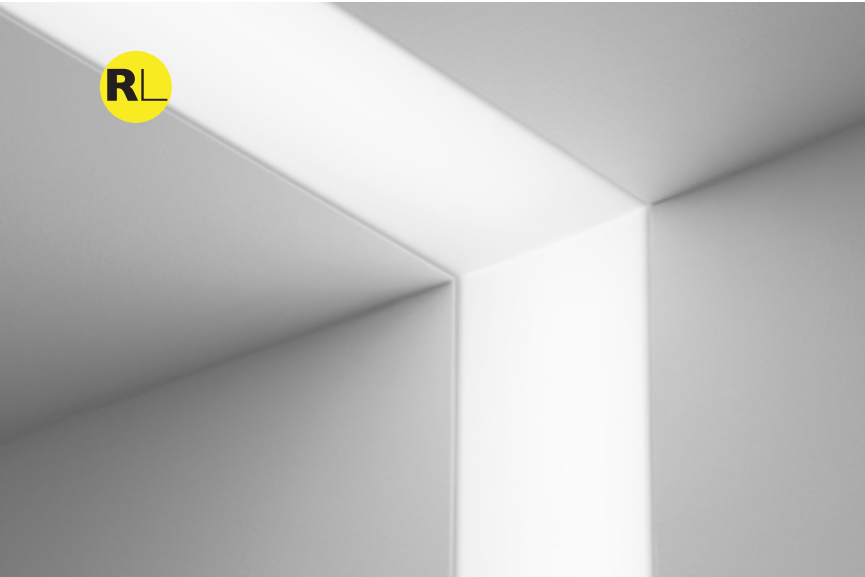


Seem® 6

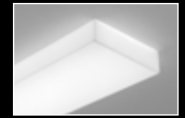
LED WALL TO CEILING CORNER



trimless mud-in

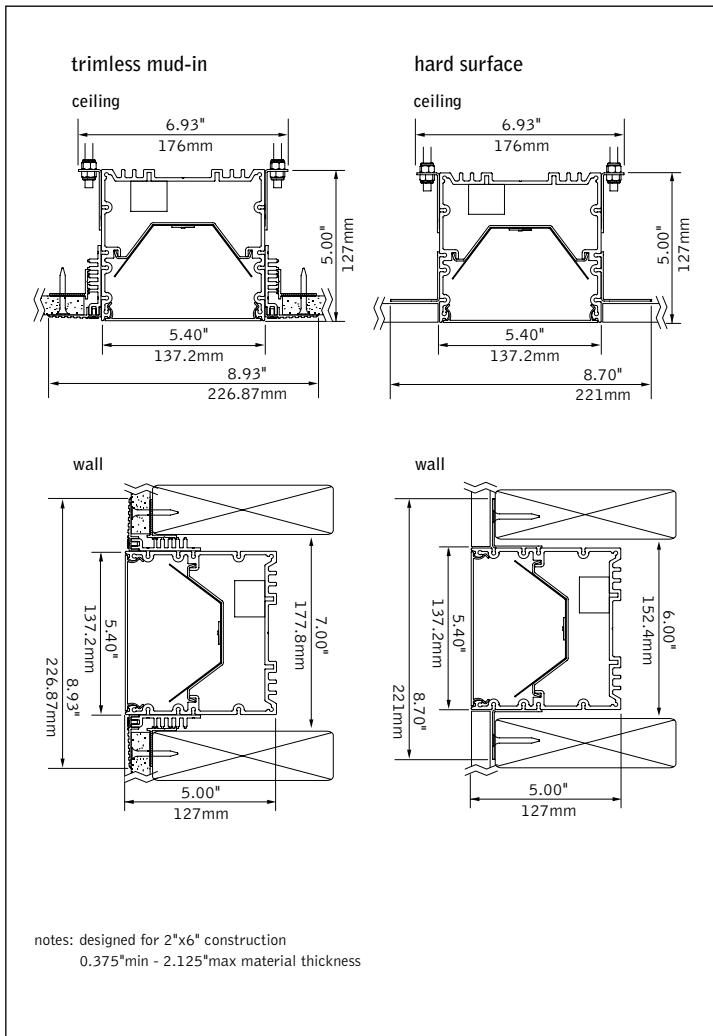


end detail



pop-down lens companion

DIMENSIONAL DATA



FEATURES

Narrow extruded aluminum 6" aperture recessed slot LED that transitions from wall to ceiling.

Clean and minimal trimless drywall mounting.

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: 1500-4000lm
- Wattage: 15-51W
- LPW: 78-83
- SDCM: 3

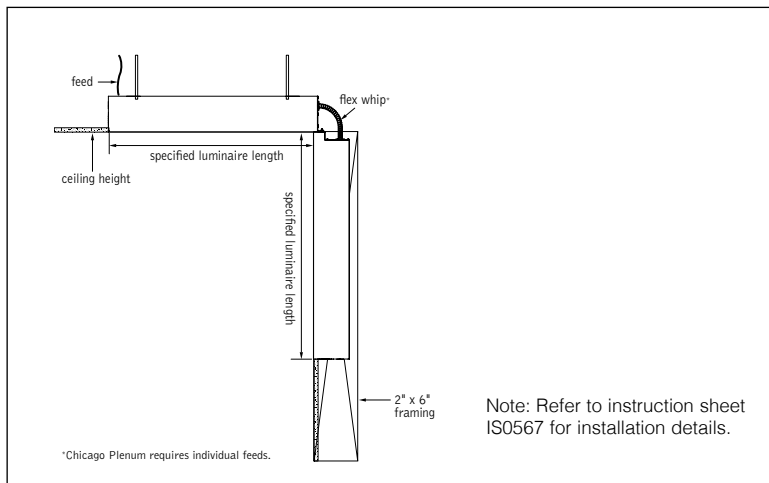
4' Flush Lens
625 Lumens per foot
Delivered Lumens: 2500lm
Total System Watts: 30W

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

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 3000K, 3500K or 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. XFW acceptable for use with wood, consult factory for Type IC availability. 2' unit weight: 18 lbs., 3' unit weight: 24 lbs., 4' unit weight: 30 lbs., 5' unit weight: 36 lbs.

Optic

Reflectors fabricated of 22 Ga. steel finished in High Reflectance White powder coat. Extruded acrylic lens .085" 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

Emergency output - 10 watts for 90 minutes. Maximum mounting height: 18.8ft. See EM/EC Guide for default locations and ordering details.

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 350,000 hours
 L90 at >61,000 hours L90 at 90,000 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
Flush Lens	375LF	1500	18	83
	625LF	2500	30	83
	875LF	3500	44	80
	1000LF	4000	51	78

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

ORDERING

Luminaire Series	FSM6L	FSM6L
Seem 6 LED	FSM6L	
Shielding		FL
Flush Satin Lens	FL	
Lumen Output		
375 Lumens per foot	375LF	
(Not available with LU5 & LH1 Drivers)		
625 Lumens per foot	625LF	
(4' minimum with LU5 & LH1 Drivers)		
875 Lumens per foot	875LF	
(3' minimum with LU5 & LH1 Drivers)		
1000 Lumens per foot	1000LF	
Color Temperature		
3000K	30K	
3500K	35K	
4000K	40K	
Circuit		1C
Single Circuit	1C	
Voltage		UNV
UNV 120/277 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	
Mounting		
Wall to Ceiling Corner, pre-set for 1/2" Drywall	CXF1	
Wall to Ceiling Corner, pre-set for 5/8" Drywall	CXF2	
Wall to Ceiling Corner, set drywall thickness in field (Mounting equipment assembled in field)	CXFF	
Wall to Ceiling Corner, non-drywall hard surface	CXFN	
Wall to Ceiling Corner, wood	CXFW	
Factory Options		
Chicago Plenum	CP	
Emergency Circuit	_EC	
Emergency Battery Pack (4' minimum. See EM/EC Guide for default locations and ordering details.)	_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 (Lengths are nominal)		
Specify luminaire/row length in 1' increments	X'CX'W	
Example: 12C6W= 12' in ceiling, 6' in wall		

Seem® EM/EC Guide

FSM2L-FL, FSM2L-FL2, FSM2LS, FSM4L-FL/SR/SRXP, FSM4L-FL2, FSM4LS, FSM4LP, FSM6L-FL/SR/SRXP*



DEFAULT LOCATIONS

- By default, EM/EC are located at the end (last section) of a run when one EM/EC location is specified, and at the start and end when two locations are specified.
- EM/EC illuminate entire sections from 4' to 8' in length.
- Feed location is at start of run. All EC's are fed individually at the end of each fixture segment.

1 EM/EC – END OF RUN



Ordering example: FSM4L-FL... **1EM-WH-36ft**

2 EM/EC – START & END OF RUN

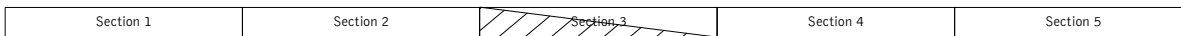


Ordering example: FSM4L-FL... **2EM-WH-36ft**

ALTERNATE LOCATIONS AND QUANTITIES

- If more than two locations are required, or specific locations within run need to be specified, indicate in the ordering string.

ONE EM IN 3RD SECTION



Ordering example: FSM4L-FL... **1EM-3-WH-40ft**

THREE EM IN 1ST, 3RD AND 6TH SECTIONS



Ordering example: FSM4L-FL... **3EM-1-3-6-WH-48ft**

CUSTOM LENGTHS

- If partial illumination of emergency section is required, indicate quantity in ordering string and partial illumination in Order Notes. Drawing required.
- Longer lead times may apply.

Run length (ft)	Housing Configuration Section Lengths
9	5 + 4
10	6 + 4
11	7 + 4
12	8 + 4
13	8 + 5
14	8 + 6
15	8 + 7
16	8 + 8
17	8 + 5 + 4
18	8 + 6 + 4
19	8 + 7 + 4
20	8 + 8 + 4
21	8 + 8 + 5
22	8 + 8 + 6
23	8 + 8 + 7
24	8 + 8 + 8
25	8 + 8 + 5 + 4
26	8 + 8 + 6 + 4
27	8 + 8 + 7 + 4

Run length (ft)	Housing Configuration Section Lengths
28	8 + 8 + 8 + 4
29	8 + 8 + 8 + 5
30	8 + 8 + 8 + 6
31	8 + 8 + 8 + 7
32	8 + 8 + 8 + 8
33	8 + 8 + 8 + 5 + 4
34	8 + 8 + 8 + 6 + 4
35	8 + 8 + 8 + 7 + 4
36	8 + 8 + 8 + 8 + 4
37	8 + 8 + 8 + 8 + 5
38	8 + 8 + 8 + 8 + 6
39	8 + 8 + 8 + 8 + 7
40	8 + 8 + 8 + 8 + 8
41	8 + 8 + 8 + 8 + 5 + 4
42	8 + 8 + 8 + 8 + 6 + 4
43	8 + 8 + 8 + 8 + 7 + 4
44	8 + 8 + 8 + 8 + 8 + 4
45	8 + 8 + 8 + 8 + 8 + 5
46	8 + 8 + 8 + 8 + 8 + 6
47	8 + 8 + 8 + 8 + 8 + 7
48	8 + 8 + 8 + 8 + 8 + 8

Standard run configurations, consult factory for custom configurations.

*Recessed and suspended only. Does not include direct/indirect, pop-down lens or asymmetric options.

Seem® 6

LED - FLUSH LENS

FSM6L-FL-375LF-35K-LD1-WH-4'

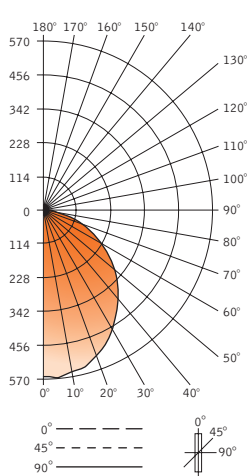
Filename: FSM6LFL375LF35K.IES

Lumens: 1475lm

System Watts: 18W

LPW: 82

CANDLEPOWER DISTRIBUTION



Vertical Angle	Horizontal Angle				
	0°	22.5°	45°	67.5°	90°
0°	566	566	566	566	566
5°	570	568	562	562	560
15°	551	544	538	536	534
25°	499	493	488	484	478
35°	430	420	415	411	400
45°	351	344	336	330	325
55°	267	267	261	252	241
65°	175	174	172	159	164
75°	93	95	93	86	88
85°	26	26	20	24	20
90°	7	6	2	6	4
95°	0	0	0	0	0
105°	0	0	0	0	0
115°	0	0	0	0	0
125°	0	0	0	0	0
135°	0	0	0	0	0
145°	0	0	0	0	0
155°	0	0	0	0	0
165°	0	0	0	0	0
175°	0	0	0	0	0
180°	0	0	0	0	0

LUMEN SUMMARY

Zone	Lumens	% Fixture
0-30°	430	29.1
0-40°	690	46.8
0-60°	1181	80.1
0-90°	1475	100.0
Total Luminaire 0-180°	1475	100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal		
	0°	45°	90°
45°	3162	3028	2925
55°	2963	2902	2675
65°	2642	2586	2475
75°	2299	2299	2162
85°	1923	1490	1490

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

Seem® 6

LED - FLUSH LENS

FSM6L-FL-625LF-35K-LD1-WH-4'

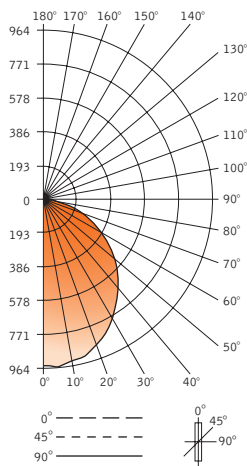
Filename: FSM6LFL625LF35K.IES

Lumens: 2495lm

System Watts: 31W

LPW: 80

CANDLEPOWER DISTRIBUTION



Vertical Angle	Horizontal Angle				
	0°	22.5°	45°	67.5°	90°
0°	957	957	957	957	957
5°	964	961	951	951	948
15°	932	920	910	907	903
25°	844	834	825	819	809
35°	727	711	701	695	676
45°	594	582	569	559	550
55°	452	452	442	427	408
65°	298	294	290	269	278
75°	158	161	158	146	149
85°	45	45	35	41	35
90°	13	9	3	9	6
95°	0	0	0	0	0
105°	0	0	0	0	0
115°	0	0	0	0	0
125°	0	0	0	0	0
135°	0	0	0	0	0
145°	0	0	0	0	0
155°	0	0	0	0	0
165°	0	0	0	0	0
175°	0	0	0	0	0
180°	0	0	0	0	0

LUMEN SUMMARY

Zone	Lumens	% Fixture
0-30°	727	29.1
0-40°	1167	46.8
0-60°	1998	80.1
0-90°	2495	100.0
Total Luminaire 0-180°	2495	100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal		
	0°	45°	90°
45°	5348	5122	4947
55°	5013	4908	4525
65°	4469	4375	4186
75°	3888	3888	3657
85°	3253	2520	2520

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

Seem® 6

LED - FLUSH LENS

FSM6L-FL-875LF-35K-LD1-WH-4'

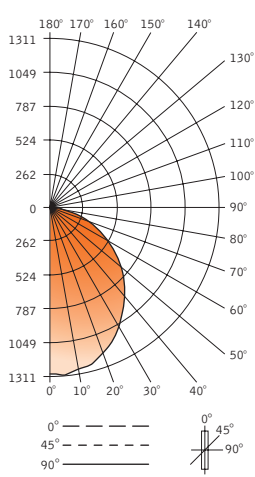
Filename: FSM6LFL875LF35K.IES

Lumens: 3395lm

System Watts: 45W

LPW: 75

CANDLEPOWER DISTRIBUTION



Vertical Angle	Horizontal Angle				
	0°	22.5°	45°	67.5°	90°
0°	1303	1303	1303	1303	1303
5°	1311	1307	1294	1294	1290
15°	1269	1252	1239	1234	1229
25°	1148	1135	1123	1114	1100
35°	989	967	954	946	920
45°	808	791	774	761	748
55°	618	618	602	581	555
65°	404	400	395	365	378
75°	215	219	215	198	202
85°	61	61	47	55	47
90°	17	13	4	13	9
95°	0	0	0	0	0
105°	0	0	0	0	0
115°	0	0	0	0	0
125°	0	0	0	0	0
135°	0	0	0	0	0
145°	0	0	0	0	0
155°	0	0	0	0	0
165°	0	0	0	0	0
175°	0	0	0	0	0
180°	0	0	0	0	0

LUMEN SUMMARY

Zone	Lumens	% Fixture
0-30°	989	29.1
0-40°	1587	46.8
0-60°	2718	80.1
0-90°	3395	100.0
Total Luminaire 0-180°	3395	100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal		
	0°	45°	90°
45°	7277	6970	6732
55°	6821	6679	6158
65°	6081	5953	5696
75°	5290	5290	4976
85°	4426	3429	3429

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

Seem® 6

LED - FLUSH LENS

FSM6L-FL-1000LF-35K-LD1-WH-4'

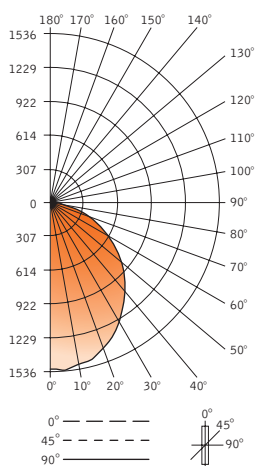
Filename: FSM6LFL1000LF35K.IES

Lumens: 3982lm

System Watts: 51W

LPW: 78

CANDLEPOWER DISTRIBUTION



Vertical Angle	Horizontal Angle					Zonal Lumens
	0°	22.5°	45°	67.5°	90°	
0°	1526	1526	1526	1526	1526	
5°	1536	1531	1516	1516	1511	145
15°	1486	1466	1451	1446	1440	143
25°	1345	1330	1315	1305	1289	609
35°	1158	1133	1118	1108	1078	703
45°	947	927	907	891	876	704
55°	720	720	705	680	650	626
65°	473	468	463	428	443	451
75°	252	257	252	232	237	260
85°	71	71	55	65	66	69
90°	20	15	5	15	10	
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°	1167	29.3
0-40°	1871	47.0
0-60°	301	80.4
0-90°	3982	100.0
Total Luminaire 0-180°	3982	100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal		
	0°	45°	90°
45°	8459	8099	7829
55°	7932	7766	7156
65°	7077	6929	6625
75°	6147	6147	5778
85°	5111	4016	4016

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