

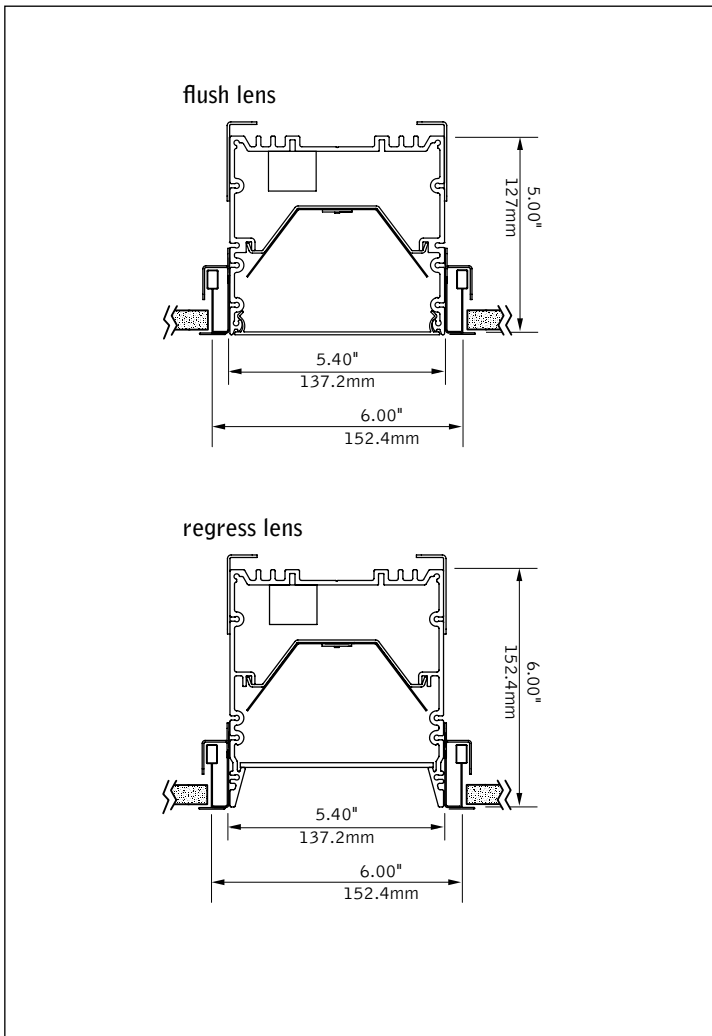


end detail



regress lens

## DIMENSIONAL DATA



## FEATURES

Narrow extruded aluminum 6" aperture recessed slot LED.

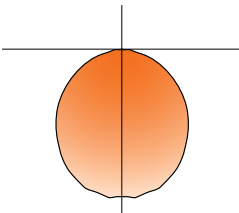
Integrates with Armstrong® TechZone® ceilings for a clean, unobtrusive aesthetic.

Individual units and continuous runs in 1' increments.

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



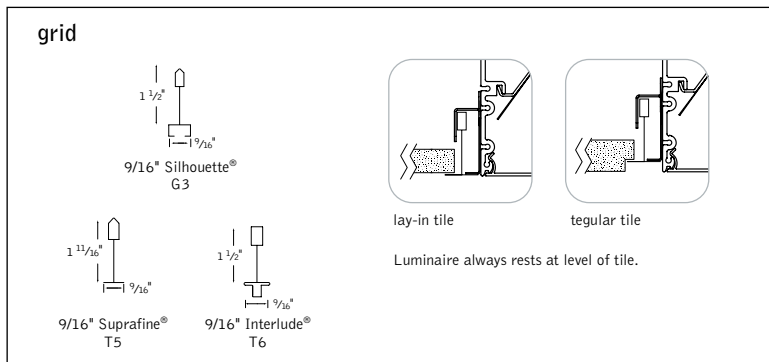
**PRODUCT OVERVIEW**

Lumen Output:	1500-4000lm
Wattage:	15-51W
LPW:	78-104
SDCM:	3
Lumen Maintenance:	L90 @ 131,000hrs

**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.

**MOUNTING INFORMATION**



**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. 2' weight: 18 lbs., 3' weight: 24 lbs., 4' weight: 30 lbs., 5' 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**

Bodine BSL310-CAN. Emergency output - 10 watts for 90 minutes. Maximum mounting height: 18ft. Emergency Circuit maximum mounting height: 21ft.

**Labels**

UL and cUL listed. Suitable for Dry or Damp Locations, indoor use only.

**Finish**

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

**Lumen Maintenance**

Calculated: L90 at 131,000 hours      Reported: L90 at >61,000 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	375LF	1500	18	83
	625LF	2500	30	83
	875LF	3500	44	80
	1000LF	4000	51	78
Regress Lens	375LF	1500	17	88
	625LF	2500	28	89
	875LF	3500	42	83
	1000LF	4000	48	83
Regress High Performance	375LF	1500	15	100
	625LF	2500	24	104
	875LF	3500	36	97
	1000LF	4000	41	98

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

**ORDERING**

<b>Luminaire Series</b>		<b>FSM6L</b>
Seem 6 LED	FSM6L	_____
<b>Shielding</b>		_____
Flush Satin Lens	FL	_____
Regress Lens	SR	_____
Regress High Performance Lens	SRXP	_____
<b>Lumen Output</b>		_____
375 Lumens per foot	375LF	_____
625 Lumens per foot	625LF	_____
875 Lumens per foot	875LF	_____
1000 Lumens per foot	1000LF	_____
<small>(Not available with L3D driver)</small>		
<b>Color Temperature</b>		_____
3000K	30K	_____
3500K	35K	_____
4000K	40K	_____
<b>Circuit</b>		<b>1C</b>
Single Circuit	1C	_____
<b>Voltage</b>		_____
120 Volt	120	_____
277 Volt	277	_____
UNV Volt	UNV	_____
<small>(Cannot be specified with EM option)</small>		
<b>Driver</b>		_____
<small>(See driver reference for driver quantities)</small>		
0-10V - 10% Dimming	LD1	_____
Lutron A-Series	L3D	_____
1% EcoSystem Digital		_____
<small>(Consult factory for 3-wire control)</small>		
0-10V - 1% Dimming		_____
<small>(Consult factory)</small>		
<b>Ceiling Configurations</b>		_____
9/16" Silhouette Slot-tee Tegular	G3	_____
9/16" Suprafine Tegular	T5	_____
9/16" Interlude Node Tegular	T6	_____
<b>Factory Options</b>		_____
Chicago Plenum	CP	_____
Emergency Circuit*	EC	_____
Emergency Battery Pack*	EM	_____
<small>(4' lengths or longer)</small>		
6' New York City Flex Whip	FNY	_____
6' Flex Whip	FW	_____
<b>Finish</b>		<b>WH</b>
Matte White Housing	WH	_____
<b>Luminaire Length</b>		_____
<small>(Lengths are nominal)</small>		
Specify luminaire/row length in 1' increments	X'	_____
<small>(Smaller increments available. Consult factory for details.)</small>		



# Seem® 6

LED - FLUSH LENS

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

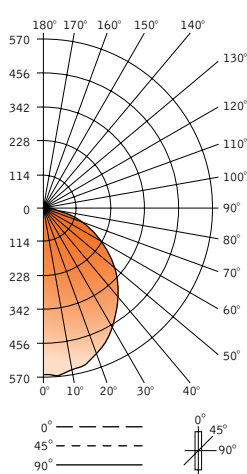
Filename: FSM6LFL375LF35K.IES

Lumens: 1475lm

System Watts: 18W

LPW: 82

### CANDELPWER 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
<b>Total Luminaire 0-180°</b>	<b>1475</b>	<b>100.0</b>

### LUMINANCE DATA (CD/M²)

Vertical Angle	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](http://www.focalpointlights.com) for additional photometric data.

# Seem® 6

LED - FLUSH LENS

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

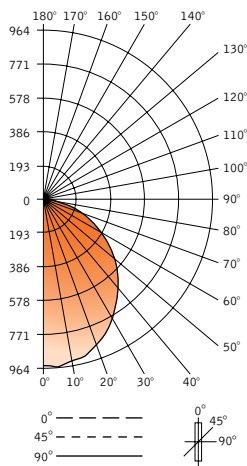
Filename: FSM6LFL625LF35K.IES

Lumens: 2495lm

System Watts: 31W

LPW: 80

### CANDELPWER 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
<b>Total Luminaire 0-180°</b>	<b>2495</b>	<b>100.0</b>

### LUMINANCE DATA (CD/M²)

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

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# Seem®6

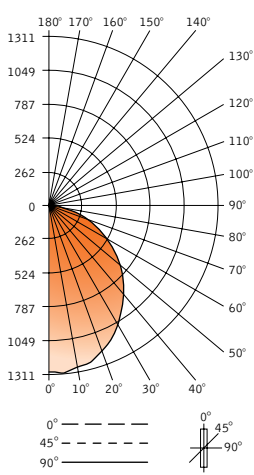
LED - FLUSH LENS

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

Filename: FSM6LFL875LF35K.IES

Lumens: 3395lm  
System Watts: 45W  
LPW: 75

### CANDELPWER 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
<b>Total Luminaire 0-180°</b>	<b>3395</b>	<b>100.0</b>

### LUMINANCE DATA (CD/M²)

Vertical Angle	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](http://www.focalpointlights.com) for additional photometric data.

# Seem®6

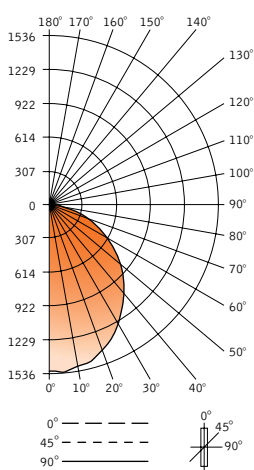
LED - FLUSH LENS

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

Filename: FSM6LFL1000LF35K.IES

Lumens: 3982lm  
System Watts: 51W  
LPW: 78

### CANDELPWER 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
<b>Total Luminaire 0-180°</b>	<b>3982</b>	<b>100.0</b>

### LUMINANCE DATA (CD/M²)

Vertical Angle	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](http://www.focalpointlights.com) for additional photometric data.

# Seem® 6

LED - REGRESS LENS

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

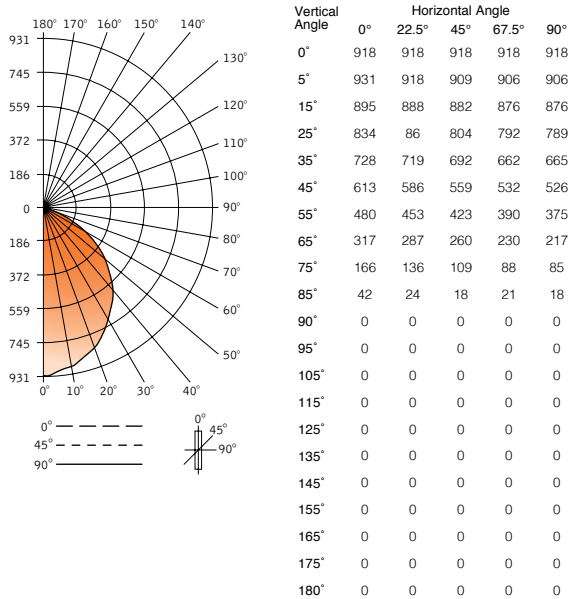
Filename: FSM6LSR625LF35K.IES

Lumens: 2365lm

System Watts: 29W

LPW: 82

## CANDELPWER DISTRIBUTION



## LUMEN SUMMARY

Zone	Lumens	% Fixture
0-30°	708	29.9
0-40°	1143	48.3
0-60°	1952	82.5
0-90°	2365	100.0
<b>Total Luminaire 0-180°</b>	<b>2365</b>	<b>100.0</b>

## LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	5710	5203	4895
55°	5511	4852	4301
65°	4943	4049	3385
75°	4232	2771	2154
85°	3175	1386	1386

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

# Seem® 6

LED - REGRESS HIGH PERFORMANCE LENS

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

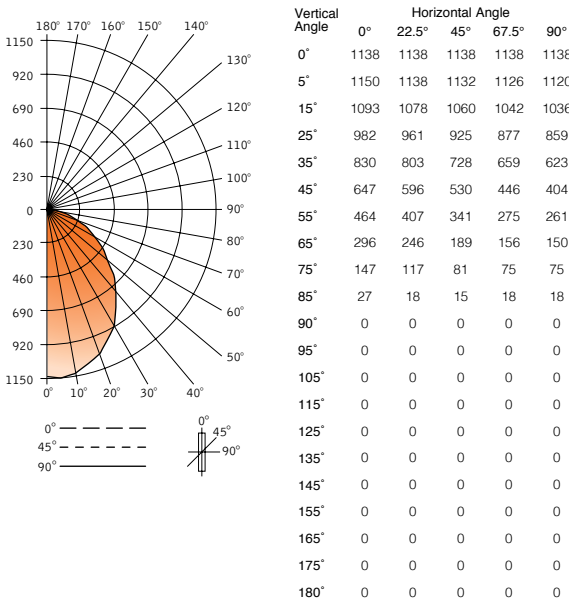
Filename: FSM6LSRXP625LF35K.IES

Lumens: 2325lm

System Watts: 25W

LPW: 93

## CANDELPWER DISTRIBUTION



## LUMEN SUMMARY

Zone	Lumens	% Fixture
0-30°	823	35.6
0-40°	1284	55.2
0-60°	2000	86.0
0-90°	2325	100.0
<b>Total Luminaire 0-180°</b>	<b>2325</b>	<b>100.0</b>

## LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	6020	4937	3761
55°	5328	3919	2993
65°	4617	2942	2331
75°	3732	2052	1904
85°	2031	1148	1369

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