



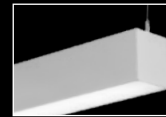
lens



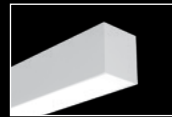
louver



wall to ceiling  
corner companion

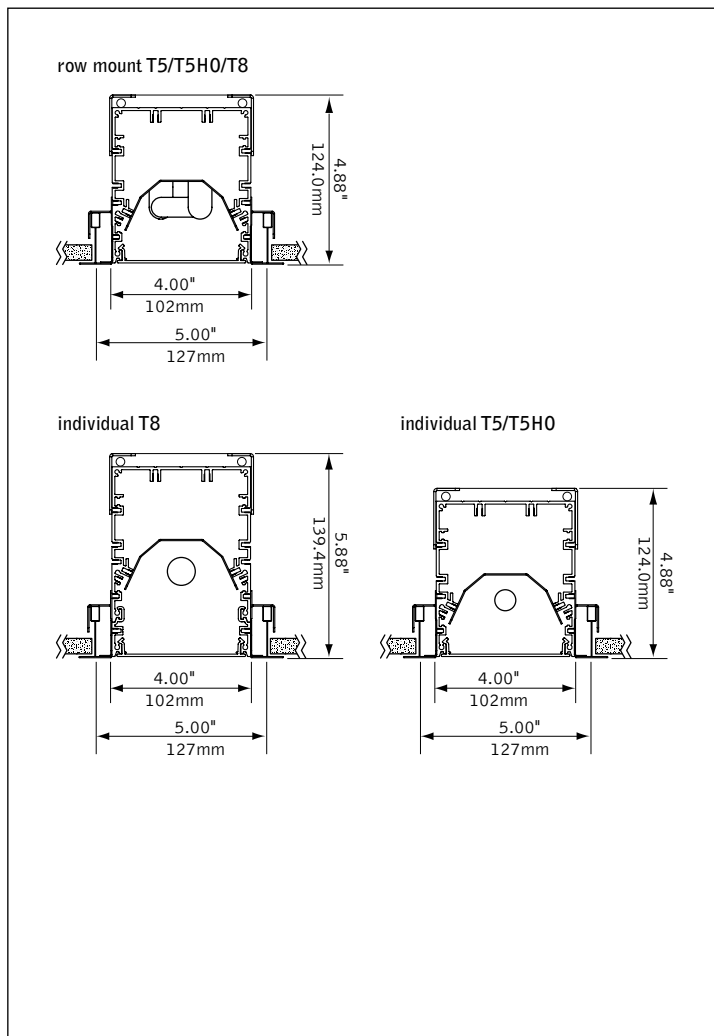


suspended  
companion



wall mount  
companion

## DIMENSIONAL DATA



## FEATURES

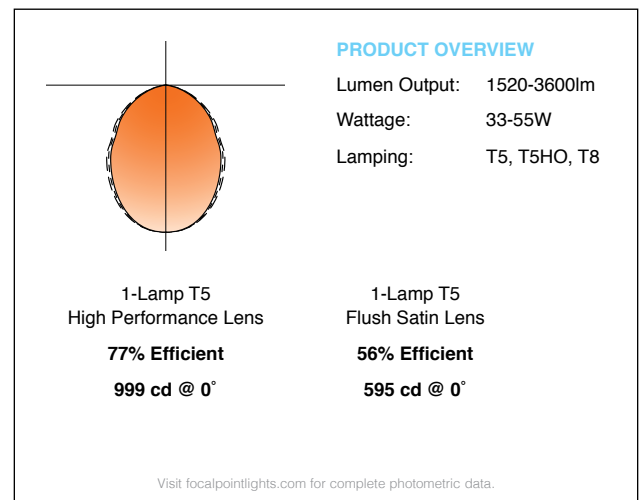
Narrow 4" aperture slot fluorescent luminaire that integrates with the ceiling for a clean unobtrusive aesthetic.

Frosted acrylic flush lens provides even illumination, high performance lens available for increased efficiency. Parabolic louver also available.

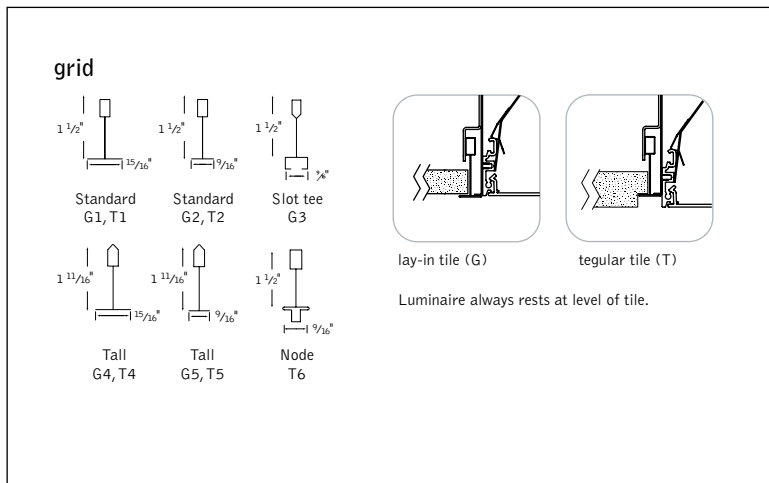
Allows for individual and continuous row mount in grid applications.

Available in T5, T5HO or T8, Seem 4 provides continuous illumination by combining 3' and 4' staggered lamps.

## PERFORMANCE



**MOUNTING INFORMATION**



**SPECIFICATIONS**

**Construction**

One piece, .07" thick housing of 6063-T5 extruded aluminum. 20 Ga. steel end caps. Luminaires include 22 Ga. steel, .35" wide flange rail finished in Matte Satin White. Positional brackets standard on all luminaires. Lengths 6' and longer configured with staggered lamps T8: 4.47" overlap, T5/T5HO: 4.35" overlap, 2' unit weight: 18 lbs., 3' unit weight: 24 lbs., 4' unit weight: 30 lbs., 5' unit weight: 36 lbs., 6' unit weight: 43 lbs., 8' unit weight: 55 lbs.

**Optic**

Reflectors fabricated of 22 Ga. steel finished in High Reflectance White powder coat. Flush satin lens: extruded acrylic lens .07" thick with opal satin finish. High performance flush lens: extruded acrylic lens .07" thick with increased light transmission. Lenses up to 8' continuous. Parabolic Louver: 0.75"H x 1.5" frequency fabricated of low iridescent semi-specular premium grade aluminum.

**Electrical**

Luminaires are pre-wired with factory installed branch circuit wiring and over-molded quick connects. Electronic fluorescent ballasts are thermally protected and have a Class "P" rating. Optional dimming ballasts available.

**Labels**

UL and cUL listed.

**Finish**

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

**ORDERING**

<b>Luminaire Series</b>		<b>FSM4</b>
Seem 4	FSM4	_____
<b>Shielding</b>		_____
Flush Satin Lens	FL	_____
High Performance Flush Lens <small>(Lamp image may be visible)</small>	FLXP	_____
Parabolic Louver	PL	_____
<b>Lamping</b>		_____
One Lamp T8	1T8	_____
One Lamp T5	1T5	_____
One Lamp T5HO	1T5HO	_____
<b>Circuit</b>		<b>1C</b>
Single Circuit	1C	_____
<b>Voltage</b>		_____
120 Volt	120	_____
277 Volt	277	_____
347 Volt	347	_____
<small>(Consult factory for dimming options)</small>		
UNV Volt	UNV	_____
<small>(Cannot be specified with 1T5HO dimming or EM options)</small>		
<b>Ballast</b>		_____
Electronic Program Start <10% THD	S	_____
0-10V	D7	_____
Lutron 1% 3-wire	DH	_____
Lutron 1% H-Series	DK	_____
<b>Ceiling Configurations</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	_____
<small>(Not available in T8 individuals)</small>		
Tall 9/16" Lay-in	G5	_____
Tall 9/16" Tegular	T5	_____
<small>(Not available in T8 individuals)</small>		
Node 9/16" Tegular	T6	_____
<b>Factory Options</b>		_____
Chicago Plenum	CP	_____
Emergency Circuit*	EC	_____
Emergency Battery Pack*	EM	_____
HLR/GLR Fuse	FU	_____
6' New York City Flex Whip	FNY	_____
6' Flex Whip	FW	_____
Include 3000K lamp	L830	_____
Include 3500K lamp	L835	_____
Include 4100K lamp	L841	_____
<b>Finish</b>		<b>WH</b>
Matte White Housing	WH	_____
<b>Luminaire Length</b>		_____
<small>(Designed to fit standard grid lengths)</small>		
Specify luminaire/row length in 1' increments	X'	_____
<small>(Lengths 6' and longer configured with staggered lamps.)</small>		

# Seem® 4

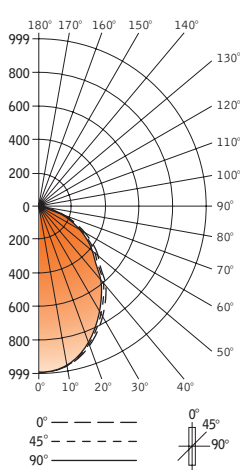
FLUORESCENT - HIGH PERFORMANCE FLUSH LENS

## FSM4-FLXP-1T5-1C-120-S-G1-WH-4'

Filename: FSM4FLXP1T5.IES  
Test #: 15712.0

Lumens: 2220lm  
Efficiency: 77%

### CANDELPWER DISTRIBUTION



Vertical Angle	Horizontal Angle				Zonal Lumens
	0°	22.5°	45°	67.5°	
0°	999	999	999	999	999
5°	997	996	994	994	994
15°	942	941	937	93	931
25°	831	827	817	806	802
35°	692	685	670	654	648
45°	510	503	484	466	458
55°	378	373	355	338	333
65°	236	23	219	210	205
75°	118	116	111	105	103
85°	31	29	28	28	28
90°	0	0	0	0	0
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	% Lamp	% Fixture
0-30°	738	25.5	33.3
0-40°	1159	40.0	52.2
0-60°	1853	63.9	83.5
0-90°	2220	76.6	100
<b>Total Luminaire 0-180°</b>	<b>2220</b>	<b>76.6</b>	<b>100</b>

### LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	6091	5781	5470
55°	5566	5227	4903
65°	4716	7376	4097
75°	3850	3622	3361
85°	3004	2713	2713

### CO-EFFICIENTS OF UTILIZATION

Floor Ceiling Wall	80				70			20		30		10		00
	70	50	30	10	70	50	10	50	10	50	10	50	10	00
RCR 0	91	91	91	91	89	89	89	85	85	81	81	78	78	77
1	85	81	78	76	82	80	75	76	72	73	70	71	68	67
2	78	72	68	64	76	71	63	68	62	66	60	64	59	58
3	72	65	59	55	70	64	54	61	53	59	53	58	52	50
4	66	58	52	47	65	57	47	55	46	54	46	52	45	44
5	61	52	46	41	59	51	41	49	40	48	40	47	39	38
6	56	47	40	36	55	46	36	45	35	44	35	42	35	33
7	52	42	35	32	51	42	32	41	31	40	31	39	31	29
8	48	38	32	8	47	38	28	37	27	36	27	35	27	26
9	45	35	28	24	43	34	24	33	24	32	24	32	24	22
10	41	31	26	22	40	31	22	30	21	30	21	29	21	20

Numbers indicate percentage values of reflectivity.

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

# Seem® 4

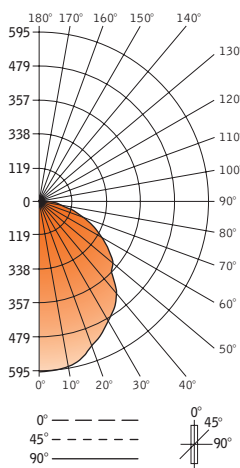
FLUORESCENT - FLUSH LENS

## FSM4-FL-1T5-1C-120-S-G1-WH-4'

Filename: FSM4FL1T5.IES  
Test #: 15711.0

Lumens: 1617lm  
Efficiency: 56%

### CANDELPWER DISTRIBUTION



Vertical Angle	Horizontal Angle				Zonal Lumens
	0°	22.5°	45°	67.5°	
0°	595	595	595	595	595
5°	591	591	591	591	591
15°	568	568	568	568	568
25°	515	515	515	515	515
35°	455	455	455	455	455
45°	353	355	355	355	355
55°	288	288	288	290	290
65°	198	196	198	198	199
75°	108	109	109	109	109
85°	28	28	28	28	29
90°	0	0	0	0	0
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	% Lamp	% Fixture
0-30°	456	15.7	28.2
0-40°	742	25.6	45.9
0-60°	1275	44.0	78.9
0-90°	1617	55.8	100
<b>Total Luminaire 0-180°</b>	<b>1617</b>	<b>55.8</b>	<b>100</b>

### LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	4216	4240	4240
55°	4241	4241	4270
65°	3957	3957	3977
75°	3524	3557	3557
85°	2713	2713	2810

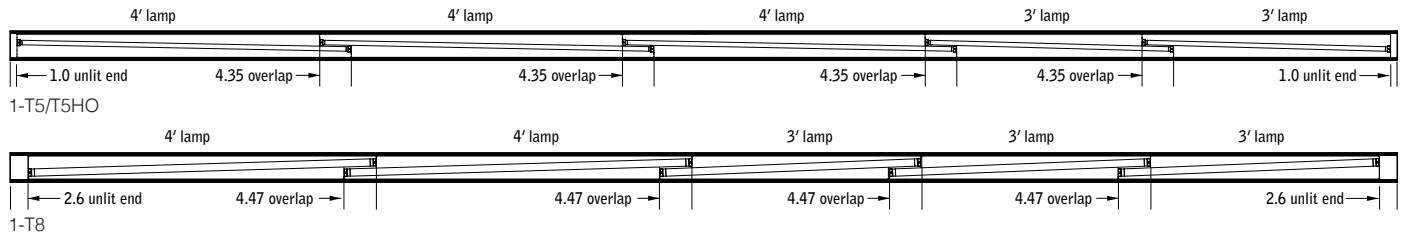
### CO-EFFICIENTS OF UTILIZATION

Floor Ceiling Wall	80				70			20		30		10		00
	70	50	30	10	70	50	10	50	10	50	10	50	10	00
RCR 0	66	66	66	66	65	65	65	62	62	59	59	57	57	56
1	61	59	56	54	60	57	53	55	52	53	50	51	49	48
2	56	52	48	45	54	51	44	49	43	47	42	45	41	40
3	51	46	41	38	50	45	38	43	37	42	36	40	36	35
4	47	41	36	32	46	40	32	39	32	37	31	36	31	30
5	43	36	31	27	42	35	27	34	27	33	27	32	26	25
6	40	32	27	24	39	32	24	31	23	30	23	29	23	22
7	36	29	24	21	36	29	21	28	21	27	20	26	20	19
8	34	26	21	18	33	26	18	25	18	24	18	24	18	17
9	31	23	19	16	30	23	16	22	15	22	15	21	15	14
10	29	21	17	14	28	21	14	20	14	20	14	19	14	13

Numbers indicate percentage values of reflectivity.

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### EXAMPLE 16' RUN



Nominal run length (ft)	1-T5/T5HO (4.35" overlap)			1-T8 (4.47" overlap)		
	Lamp quantity		Unlit ends (in)	Lamp quantity		Unlit ends (in)
	3'	4'		3'	4'	
6		2	0.3'	2		1.8
7		2	0.3'	1	1	1.8
8	3		0.5		2	1.8
9	2	1	0.6	3		4.0
10	1	2	0.6	2	1	4.1
11		3	0.8	4		0.3
12	2	2	0.3'	3	1	0.3
13	5		0.7	2	2	0.3
14	4	1	0.8	1	3	0.3
15	3	2	0.8		4	0.3
16	2	3	1.0	3	2	2.6
17	1	4	1.1	2	3	2.6
18		5	1.1	1	4	2.6
19	6	1	0.8	7		1.0
20	5	2	0.8	6	1	1.0
21	4	3	1.0	5	2	1.1
22	3	4	1.1	4	3	1.1
23	9		1.1	3	4	1.1
24	1	6	0.9	2	5	1.1
25	7	2	1.3	1	6	1.1
26	6	3	1.2		7	1.2
27	5	4	1.3	10		1.8
28	11		1.0	9	1	1.8
29	10	1	1.1	8	2	1.8
30	9	2	1.2	7	3	1.8
31	8	3	1.3	6	4	1.8
32	7	4	1.4	5	5	1.8
33	13		1.2	4	6	1.8
34	12	1	1.2	3	7	1.9
35	11	2	1.3	2	8	1.9
36	10	3	1.4	1	9	1.9
37	9	4	1.5	7	5	0.3
38	15		1.3	6	6	0.3
39	14	1	1.3	5	7	0.4
40	13	2	1.4	4	8	0.4
41	12	3	1.6	3	9	0.4
42	11	4	1.7	2	10	0.4
43	10	5	1.8	1	11	0.4
44	9	6	1.9		12	0.4
45	8	7	1.9	3	10	2.7
46	7	8	2.1	2	11	2.7
47	13	4	1.8	1	12	2.7
48	19		1.5	7	8	1.1

Notes: Lamp overlap is consistent throughout run. Unlit ends vary to provide even light throughout run. Standard configurations listed, consult factory for additional options.