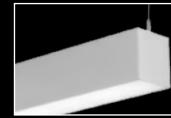
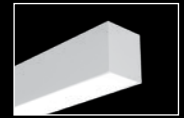




lens

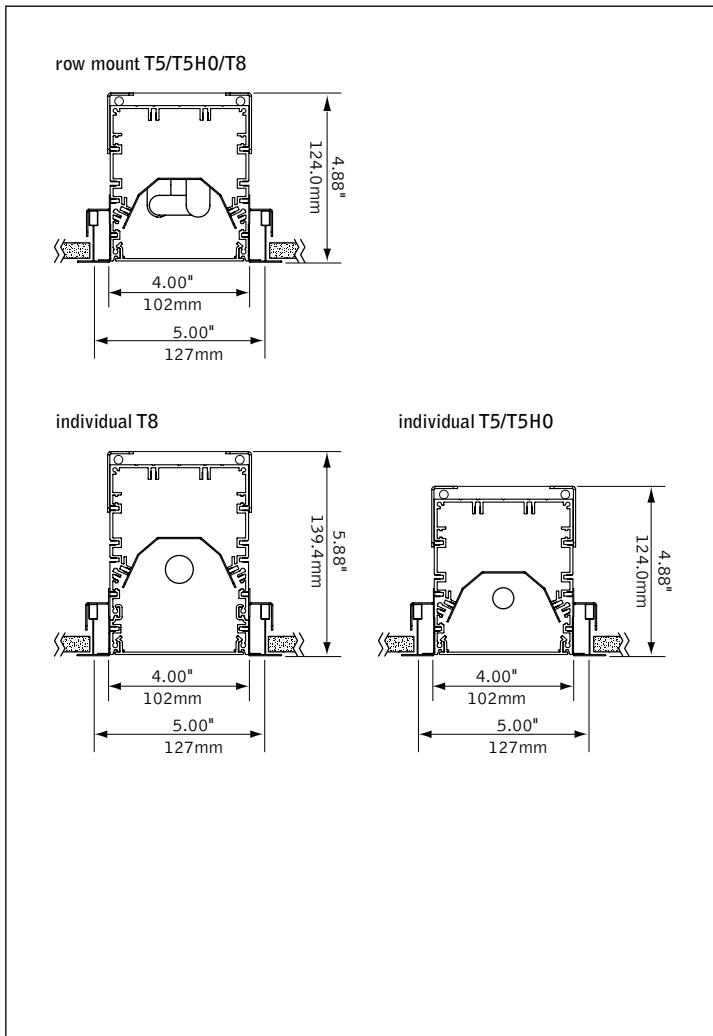


suspended companion



wall mount companion

DIMENSIONAL DATA



FEATURES

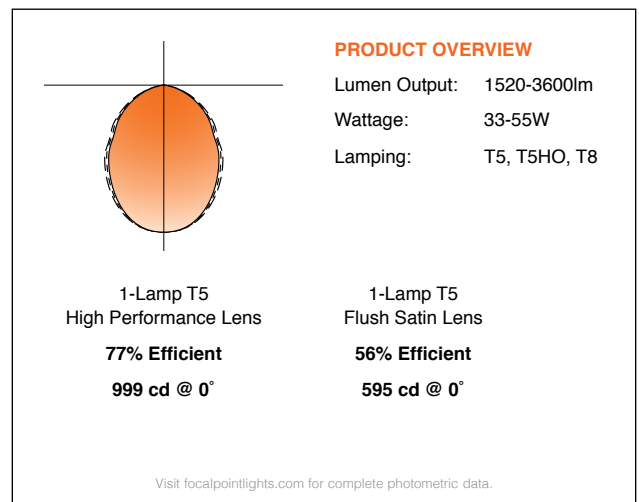
Narrow 4" aperture slot fluorescent luminaire that integrates with the ceiling for a clean unobtrusive aesthetic.

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

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.

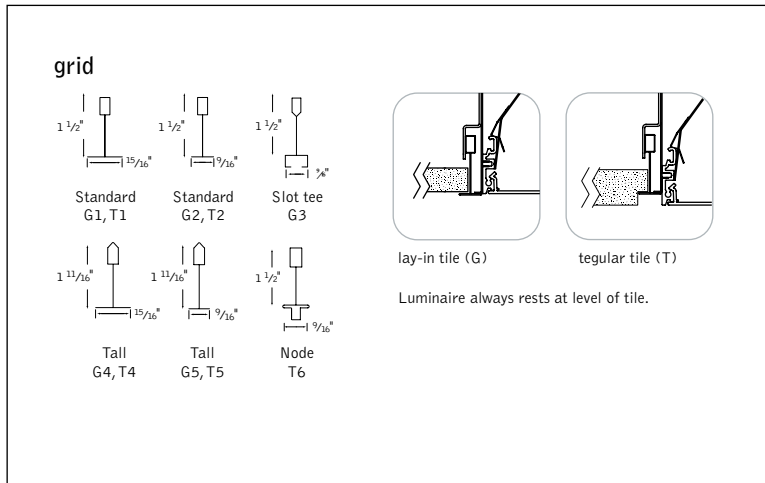
PERFORMANCE



fixture:

project:

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.

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

Luminaire Series		FSM4
Seem 4	FSM4	_____
Shielding		_____
Flush Satin Lens	FL	_____
High Performance Flush Lens	FLXP	_____
<small>(Lamp image may be visible)</small>		
Lamping		_____
One Lamp T8	1T8	_____
One Lamp T5	1T5	_____
One Lamp T5HO	1T5HO	_____
Circuit		1C
Single Circuit	1C	_____
Voltage		_____
120 Volt	120	_____
277 Volt	277	_____
347 Volt	347	_____
<small>(Consult factory for dimming options)</small>		
UNV Volt	UNV	_____
<small>(Cannot be specified with T5HO dimming or EM options)</small>		
Ballast		_____
Electronic Program Start <10% THD	S	_____
0-10V	D7	_____
Lutron 1% 3-wire	DH	_____
Lutron 1% H-Series	DK	_____
Ceiling Configurations		_____
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	_____
Factory Options		_____
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	_____
Finish		WH
Matte White Housing	WH	_____
Luminaire Length		_____
<small>(Designed to fit standard grid lengths)</small>		
2'	2'	_____
3'	3'	_____
4'	4'	_____
5'	5'	_____
6'	6'	_____
7'	7'	_____
Specify row lengths 8' and longer in 4' increments	X'	_____
<small>(Lengths 6' and longer configured with staggered lamps)</small>		

Seem® 4

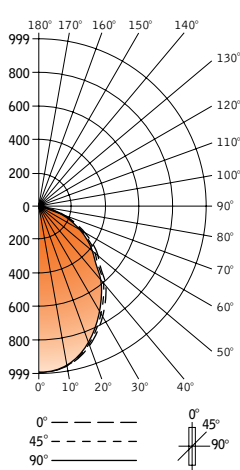
FLUORESCENT - HIGH PERFORMANCE FLUSH LENS

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

Filename: FSM4FLXP1T5.IES
Test #: 15712.0

Lumens: 2220lm
Efficiency: 77%

CANDLEPOWER DISTRIBUTION



Vertical Angle	Horizontal Angle					Zonal Lumens
	0°	22.5°	45°	67.5°	90°	
0°	999	999	999	999	999	999
5°	997	996	994	994	994	95
15°	942	941	937	93	931	266
25°	831	827	817	806	802	378
35°	692	685	670	654	648	421
45°	510	503	484	466	458	375
55°	378	373	355	338	333	319
65°	236	23	219	210	205	219
75°	118	116	111	105	103	117
85°	31	29	28	28	28	31
90°	0	0	0	0	0	0
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	% 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
Total Luminaire 0-180°	2220	76.6	100

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

Numbers indicate percentage values of reflectivity.

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

Seem® 4

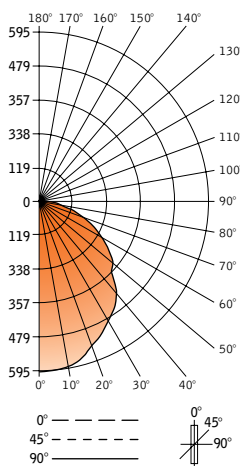
FLUORESCENT - FLUSH LENS

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

Filename: FSM4FL1T5.IES
Test #: 15711.0

Lumens: 1617lm
Efficiency: 56%

CANDLEPOWER DISTRIBUTION



Vertical Angle	Horizontal Angle					Zonal Lumens
	0°	22.5°	45°	67.5°	90°	
0°	595	595	595	595	595	595
5°	591	591	591	591	591	56
15°	568	568	568	568	568	161
25°	515	515	515	515	515	238
35°	455	455	455	455	455	286
45°	353	355	355	355	355	275
55°	288	288	288	290	290	259
65°	198	196	198	198	199	196
75°	108	109	109	109	109	115
85°	28	28	28	28	29	31
90°	0	0	0	0	0	0
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	% 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
Total Luminaire 0-180°	1617	55.8	100

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

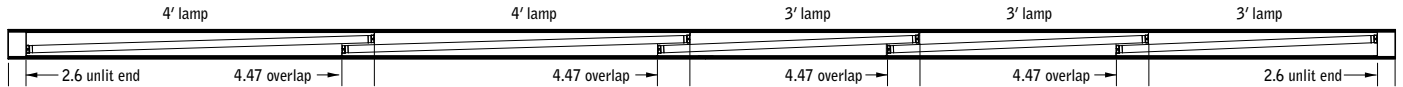
Numbers indicate percentage values of reflectivity.

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

EXAMPLE 16' RUN



1-T5/T5HO



1-T8

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'	
8	3		0.5		2	1.8
12	2	2	0.3	3	1	0.3
16	2	3	1.0	3	2	2.6
20	5	2	0.8	6	1	1.0
24	1	6	0.9	2	5	1.1
28	11		1.0	9	1	1.8
32	7	4	1.4	5	5	1.8
36	10	3	1.4	1	9	1.9
40	13	2	1.4	4	8	0.4
44	9	6	1.9		12	0.4
48	19		1.5	7	8	1.1

* special lamp stagger to decrease end darkness.

Notes:

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