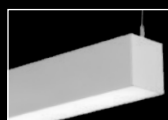


Seem[®] 4

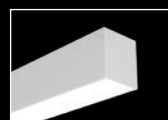
FLUORESCENT GRID CEILING REGRESS LENS



FOCAL POINT[®]

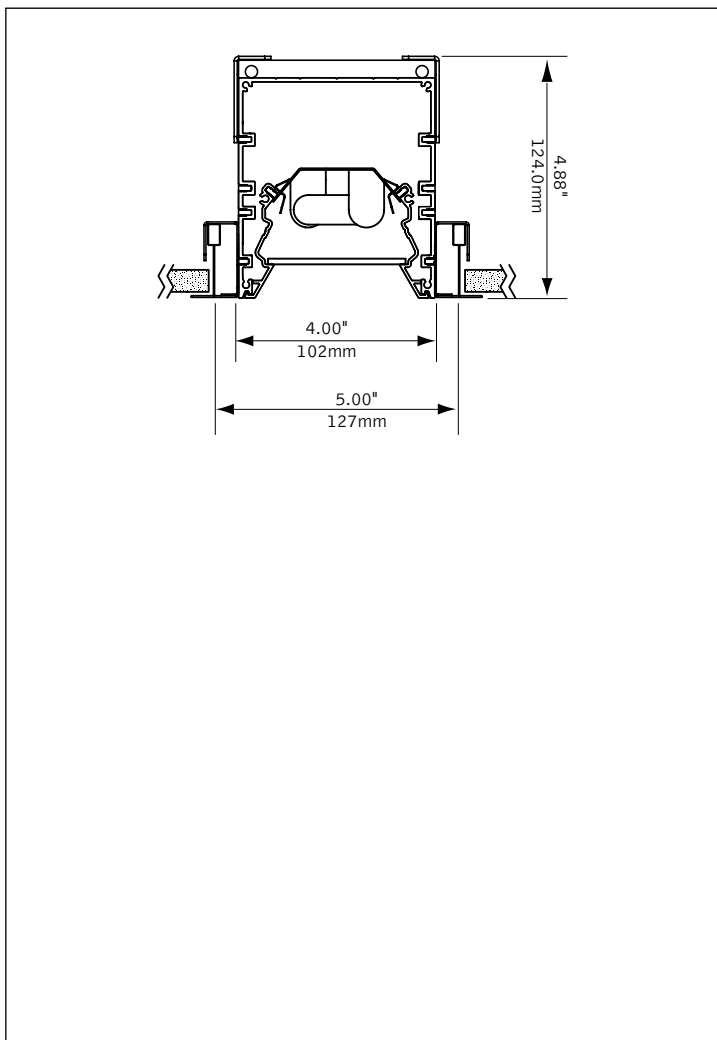


suspended companion



wall mount companion

DIMENSIONAL DATA



FEATURES

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

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

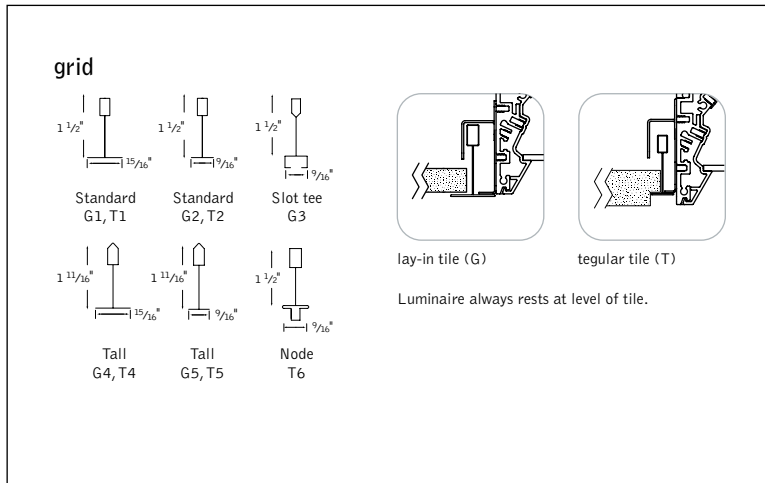
Allows for individual and continuous row mount in grid applications.

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

PERFORMANCE

	PRODUCT OVERVIEW
	Lumen Output: 1723-3258lm
	Wattage: 33-55W
	Lamping: T5, T5HO
1-Lamp T5HO Regressed High Performance Lens	
65% Efficient	
1451 cd @ 0°	
Visit focalpointlights.com for complete photometric data.	

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. 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. Standard regressed lens (SR): Frosted Acrylic lens, .118" thick. Regressed high performance lens (SRXP): Frosted Acrylic lens, .118" 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		_____
Regressed Lens	SR	_____
Regressed High Performance Lens	SRXP	_____
Lamping		_____
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 1T5HO 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	_____
Tall 9/16" Lay-in	G5	_____
Tall 9/16" Tegular	T5	_____
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

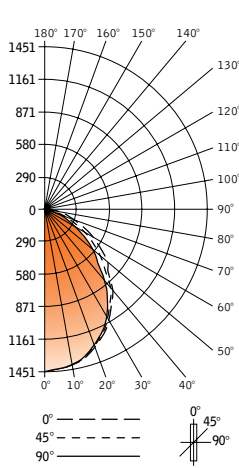
FLUORESCENT - REGRESSED HIGH PERFORMANCE LENS

FSM4-SRXP-1T5HO-1C-120-S-G1-WH-4'

Filename: FSM4SRXP1T5H.IES
 Test #: 16220.0

Lumens: 3258lm
 Efficiency: 65%

CANDLEPOWER DISTRIBUTION



Vertical Angle	Horizontal Angle				Zonal Lumens
	0°	22.5°	45°	67.5°	
0°	1451	1451	1451	1451	1451
5°	1437	1436	1434	1436	1434
15°	1378	1377	1375	1371	1371
25°	1248	1244	1236	1224	1220
35°	1052	1047	1028	1001	981
45°	812	803	764	699	673
55°	619	607	530	466	443
65°	395	372	297	249	235
75°	191	158	111	84	75
85°	43	19	16	16	15
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°	1098	22.0	33.7
0-40°	1741	34.8	53.4
0-60°	2802	56.0	86.0
0-90°	3258	65.2	100
Total Luminaire 0-180°	3258	65.2	100

LUMINANCE DATA (cd/M²)

Vertical Angle	0°	45°	90°
45°	11120	10463	9217
55°	10451	8948	7479
65°	9051	6805	5385
75°	7146	4153	2806
85°	4778	1778	1667

CO-EFFICIENTS OF UTILIZATION

	80				70			20		50		30		10		00	
	Floor	Ceiling	Wall	RCR	0	10	20	30	40	50	60	70	80	90	100	110	120
1	72	70	67	65	71	68	64	66	62	63	60	61	59	57	57	57	57
2	67	62	59	55	65	61	55	59	54	57	52	55	51	50	50	50	50
3	62	56	51	48	60	55	47	53	46	51	46	50	45	44	44	44	44
4	57	50	45	41	56	49	41	48	40	46	40	45	39	38	38	38	38
5	52	45	40	36	51	44	35	43	35	42	35	40	34	33	33	33	33
6	48	40	35	31	47	40	31	39	31	38	31	37	30	29	29	29	29
7	45	37	31	28	44	36	27	35	27	34	27	33	27	26	26	26	26
8	41	33	28	24	40	33	24	32	24	31	24	30	24	22	22	22	22
9	38	30	24	21	37	29	21	29	21	28	21	27	21	19	19	19	19
10	35	27	22	19	35	27	19	26	19	25	18	25	18	17	17	17	17

Numbers indicate percentage values of reflectivity.

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

Seem[®] 4

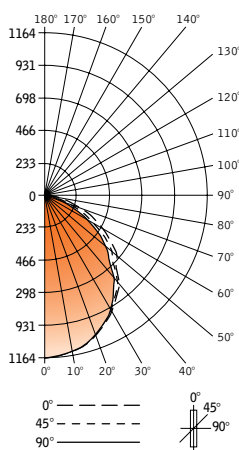
FLUORESCENT - REGRESSED LENS

FSM4-SR-1T5HO-1C-120-S-G1-WH-4'

Filename: FSM4SR1T5H.IES
 Test #: 16221.0

Lumens: 2124lm
 Efficiency: 59%

CANDLEPOWER DISTRIBUTION



Vertical Angle	Horizontal Angle				Zonal Lumens
	0°	22.5°	45°	67.5°	
0°	1164	1164	1164	1164	1164
5°	1152	1150	1150	1150	1149
15°	1111	1111	1111	1109	1109
25°	1026	1026	1025	1022	1019
35°	899	898	890	878	866
45°	735	729	705	670	655
55°	596	588	537	495	478
65°	403	382	324	282	267
75°	203	170	12	87	77
85°	45	18	16	15	15
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°	898	18.0	30.3
0-40°	1456	29.1	49.0
0-60°	2481	49.6	83.6
0-90°	2969	59.4	100
Total Luminaire 0-180°	2969	59.4	100

LUMINANCE DATA (cd/M²)

Vertical Angle	0°	45°	90°
45°	10066	9655	8970
55°	10062	9066	8070
65°	9234	7424	6118
75°	7595	4665	2881
85°	5000	1778	1667

CO-EFFICIENTS OF UTILIZATION

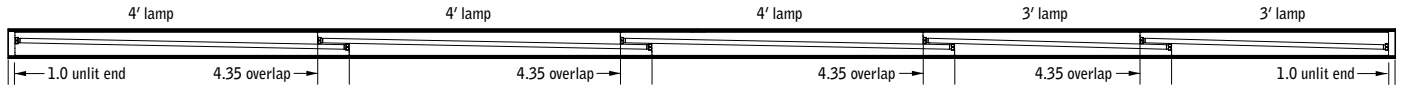
	80				70			20		50		30		10		00	
	Floor	Ceiling	Wall	RCR	0	10	20	30	40	50	60	70	80	90	100	110	120
1	66	63	61	59	64	62	58	59	56	57	55	55	53	52	52	52	52
2	60	56	53	50	59	55	45	53	48	51	47	49	46	45	45	45	45
3	56	50	46	42	54	49	42	47	41	46	40	44	40	39	39	39	39
4	51	45	40	36	50	44	36	42	36	41	35	40	35	33	33	33	33
5	47	40	35	31	46	39	31	38	30	37	30	36	30	29	29	29	29
6	43	36	31	27	42	35	27	34	27	33	26	32	26	25	25	25	25
7	40	32	27	23	39	32	23	31	23	30	23	29	23	22	22	22	22
8	37	29	24	20	36	28	20	28	20	27	20	26	20	19	19	19	19
9	34	26	21	18	33	25	18	25	18	24	17	23	17	16	16	16	16
10	31	23	19	16	31	23	16	23	16	22	15	21	15	14	14	14	14

Numbers indicate percentage values of reflectivity.

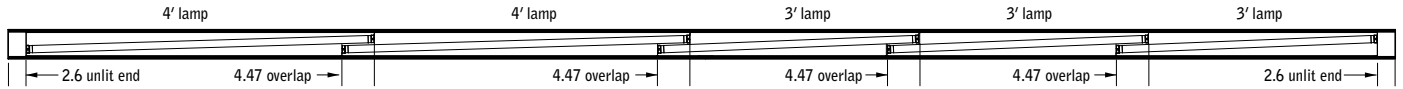
Go to www.focalpointlights.com for additional photometric data.

note: Photometric testing performed in an independent lab with standard lamps and ballasts. Lamp and ballast type and configuration will affect photometric performance.

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.