



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : SFP22-LED-FS2-25W-5000K.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] LED-12984  
[TESTLAB] LSI INDUSTRIES, INC.  
[ISSUE DATE] 03/22/22  
[TEST DATE] 10/01/21  
[MANUFACTURER] LSI INDUSTRIES, INC.  
[LUMCAT] SFP22-LED-FS2-25W-5000K  
[OTHER] TEST PROCEDURE: IESNA LM-79-08  
[ABSOLUTE] NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED  
[OTHER] SCALED FROM ORIGINAL TEST DATA  
[SEARCH\_SOURCETYPE] LED  
[SEARCH\_APPLICATION] Indoor  
[SEARCH\_COLORTEMP] 5000

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3067
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	123
Total Luminaire Watts	25
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.32
Spacing Criterion (90-270)	1.48
Spacing Criterion (Diagonal)	1.48
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	2.00 ft
Luminous Width (90-270)	2.00 ft
Luminous Height	0.00 ft



### LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	2498	2775	3095
55	2390	2690	3065
65	2258	2513	2824
75	2026	2181	2431
85	1789	1727	1758

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**CANDELA TABULATION**

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	942	942	942	942	942
2.5	944	944	944	944	944
5.0	944	944	945	945	945
7.5	942	943	945	946	947
10.0	938	940	944	948	950
12.5	932	936	943	948	952
15.0	924	929	939	948	954
17.5	915	920	934	948	954
20.0	903	910	928	946	954
22.5	887	897	919	944	953
25.0	871	882	910	938	950
27.5	851	864	897	931	945
30.0	830	844	881	921	939
32.5	805	822	862	908	928
35.0	780	798	842	891	914
37.5	751	770	817	871	893
40.0	721	741	791	848	871
42.5	690	711	762	819	845
45.0	657	678	730	788	814
47.5	624	642	692	752	779
50.0	587	606	655	713	741
52.5	551	567	615	673	699
55.0	510	529	574	628	654
57.5	473	488	531	580	605
60.0	434	448	485	532	555
62.5	394	407	441	481	503
65.0	355	365	395	428	444
67.5	314	323	348	375	390
70.0	276	281	301	324	336
72.5	234	241	255	275	284
75.0	195	199	210	226	234
77.5	157	160	167	179	185
80.0	121	124	128	134	139
82.5	88	89	90	94	96
85.0	58	57	56	56	57
87.5	30	28	26	25	24
90.0	0	0	0	0	0

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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	355.74	N.A.	11.60
0-30	775.53	N.A.	25.30
0-40	1303.3	N.A.	42.50
0-60	2383.56	N.A.	77.70
0-80	3001.72	N.A.	97.90
0-90	3066.71	N.A.	100.00
10-90	2976.57	N.A.	97.10
20-40	947.55	N.A.	30.90
20-50	1511.74	N.A.	49.30
40-70	1472.94	N.A.	48.00
60-80	618.16	N.A.	20.20
70-80	225.48	N.A.	7.40
80-90	64.99	N.A.	2.10
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	3066.71	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	90.14
10-20	265.60
20-30	419.78
30-40	527.77
40-50	564.19
50-60	516.08
60-70	392.68
70-80	225.48
80-90	64.99
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

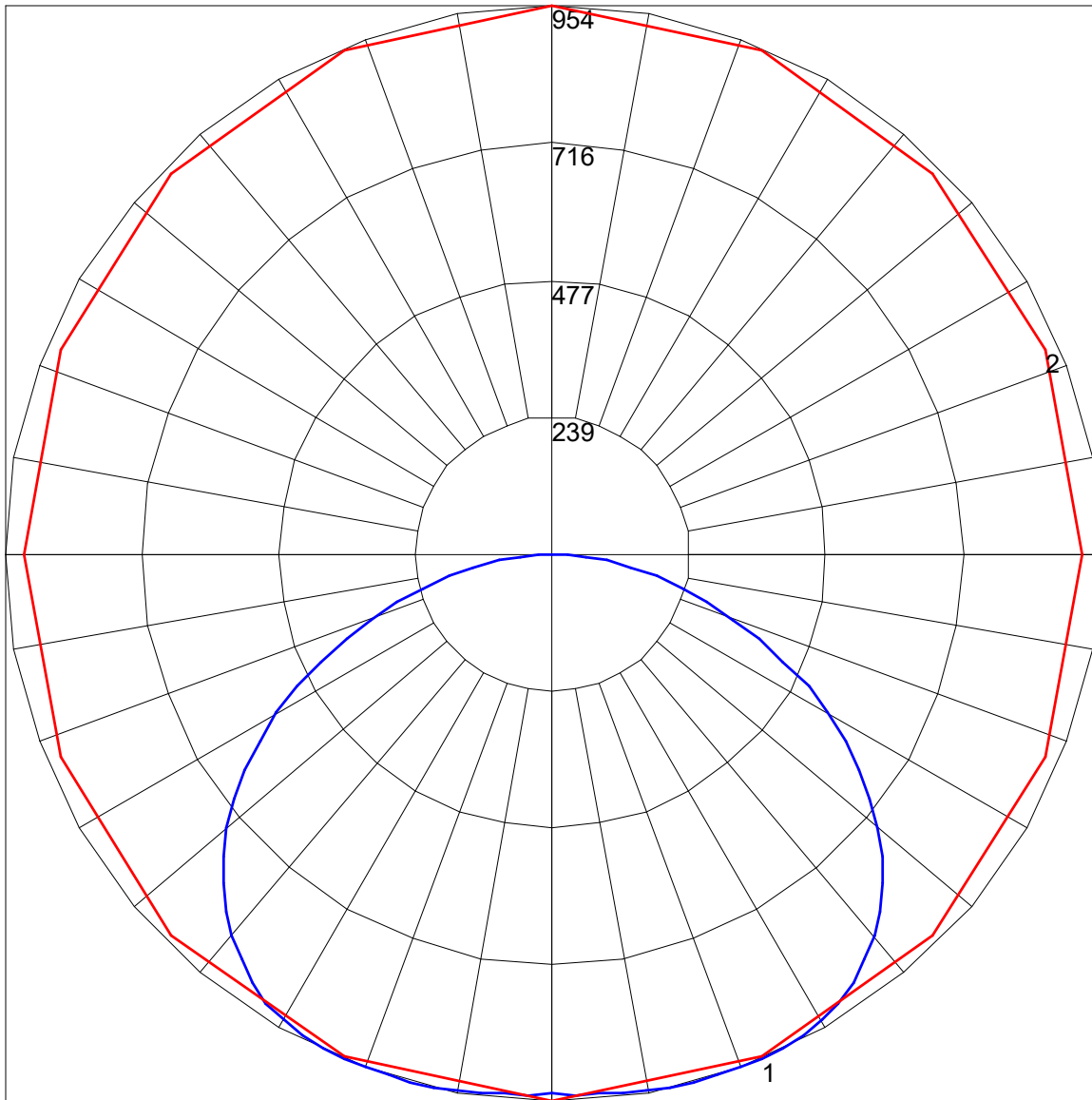
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**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	108	103	99	95	106	101	97	94	97	94	91	93	90	88	89	87	85	83
2	98	90	83	77	96	88	81	76	84	79	74	81	76	72	78	74	71	69
3	89	79	70	63	87	77	69	63	74	67	62	71	65	61	69	64	60	57
4	82	69	60	53	79	68	60	53	65	58	52	63	57	52	61	55	51	49
5	75	62	53	46	73	61	52	45	58	51	45	56	50	44	55	49	44	42
6	69	55	46	40	67	54	46	40	53	45	39	51	44	39	49	43	38	36
7	64	50	41	35	62	49	41	35	48	40	34	46	39	34	45	39	34	32
8	59	46	37	31	58	45	37	31	44	36	31	42	35	30	41	35	30	28
9	55	42	33	28	54	41	33	28	40	33	27	39	32	27	38	32	27	25
10	52	38	30	25	51	38	30	25	37	30	25	36	29	25	35	29	25	23

POLAR GRAPH



Maximum Candela = 954 Located At Horizontal Angle = 90, Vertical Angle = 15  
# 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (15) (Through Max. Cd.)