



IES INDOOR REPORT
PHOTOMETRIC FILENAME : SFP22-LED-FS2-25W-3500K.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
[MANUFACT] LSI INDUSTRIES, INC.
[LUMCAT] SFP22-LED-FS2-25W-3500K
[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] 3500

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3044
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	122
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	2479	2753	3072
55	2376	2672	3042
65	2239	2494	2799
75	2015	2161	2410
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	935	935	935	935	935
2.5	936	936	936	936	936
5.0	936	936	937	938	938
7.5	935	936	937	939	940
10.0	931	933	936	941	943
12.5	925	929	936	941	945
15.0	917	922	932	941	947
17.5	908	913	927	941	947
20.0	896	903	921	939	947
22.5	881	890	912	936	946
25.0	865	875	903	931	943
27.5	844	858	890	924	938
30.0	824	838	874	914	932
32.5	799	816	856	901	921
35.0	774	792	836	885	907
37.5	746	765	811	865	887
40.0	716	736	785	841	865
42.5	685	705	756	813	839
45.0	652	673	724	782	808
47.5	619	637	687	746	773
50.0	582	602	651	708	736
52.5	547	563	610	668	694
55.0	507	525	570	624	649
57.5	469	485	527	576	601
60.0	431	444	482	528	551
62.5	391	404	438	478	499
65.0	352	363	392	425	440
67.5	312	320	345	372	387
70.0	273	279	298	321	334
72.5	232	239	253	272	282
75.0	194	198	208	225	232
77.5	155	158	166	178	183
80.0	120	123	127	133	138
82.5	87	88	89	93	95
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	353.04	N.A.	11.60
0-30	769.65	N.A.	25.30
0-40	1293.6	N.A.	42.50
0-60	2365.93	N.A.	77.70
0-80	2979.29	N.A.	97.90
0-90	3043.87	N.A.	100.00
10-90	2954.44	N.A.	97.10
20-40	940.55	N.A.	30.90
20-50	1500.48	N.A.	49.30
40-70	1462.04	N.A.	48.00
60-80	613.36	N.A.	20.20
70-80	223.66	N.A.	7.30
80-90	64.58	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	3043.87	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	89.43
10-20	263.61
20-30	416.60
30-40	523.95
40-50	559.93
50-60	512.40
60-70	389.71
70-80	223.66
80-90	64.58
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

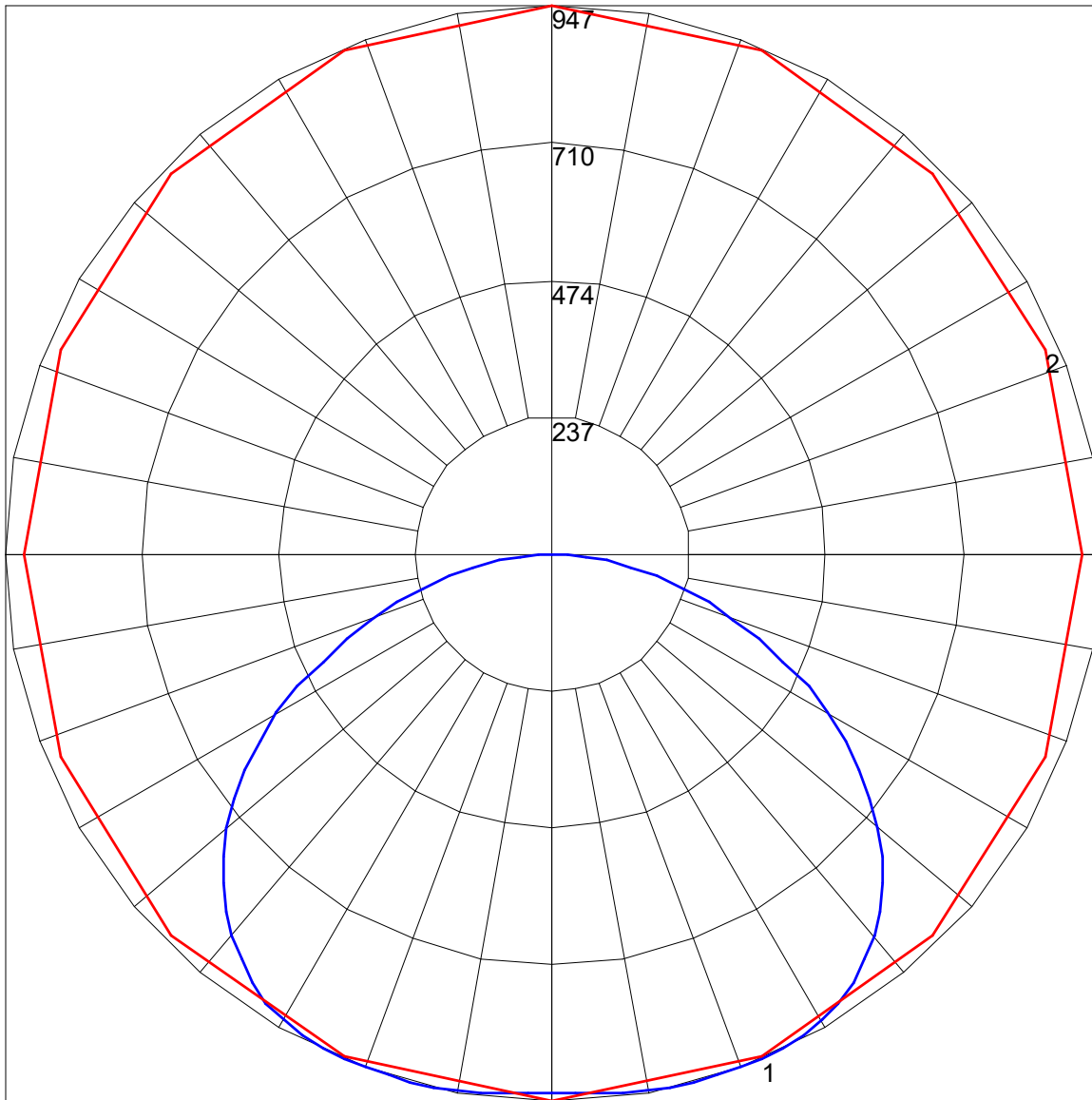
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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 = 947 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.)