



IES INDOOR REPORT

PHOTOMETRIC FILENAME : SFP22-LED-FS2-30W-5000K.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LED-12986
[TESTLAB] LSI INDUSTRIES, INC.
[ISSUE DATE] 03/22/22
[TEST DATE] 10/04/21
[MANUFACT] LSI INDUSTRIES, INC.
[LUMCAT] SFP22-LED-FS2-30W-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	3363
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	116
Total Luminaire Watts	29
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	2722	3038	3418
55	2630	2953	3370
65	2456	2748	3143
75	2233	2399	2638
85	1912	1851	1974

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SFP22-LED-FS2-30W-5000K.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	1032	1032	1032	1032	1032
2.5	1032	1033	1032	1033	1033
5.0	1032	1033	1034	1035	1035
7.5	1031	1032	1033	1037	1038
10.0	1026	1029	1033	1038	1040
12.5	1019	1023	1032	1039	1043
15.0	1011	1016	1028	1039	1044
17.5	1000	1007	1023	1039	1046
20.0	987	996	1016	1038	1047
22.5	971	981	1007	1034	1046
25.0	952	965	997	1030	1043
27.5	932	946	983	1023	1039
30.0	908	925	967	1012	1032
32.5	882	900	945	998	1020
35.0	854	872	923	980	1004
37.5	819	841	897	959	985
40.0	786	809	866	933	962
42.5	752	775	834	903	934
45.0	716	740	799	867	899
47.5	680	702	761	828	860
50.0	641	663	720	786	816
52.5	601	623	676	741	770
55.0	561	580	630	690	719
57.5	519	534	582	639	666
60.0	474	489	534	586	610
62.5	429	444	482	531	552
65.0	386	398	432	473	494
67.5	342	354	382	415	431
70.0	299	308	331	357	372
72.5	257	264	281	302	310
75.0	215	219	231	246	254
77.5	173	176	184	194	200
80.0	134	134	139	146	150
82.5	95	96	99	102	104
85.0	62	61	60	63	64
87.5	31	30	28	27	27
90.0	0	0	0	0	0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SFP22-LED-FS2-30W-5000K.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	389.47	N.A.	11.60
0-30	849.61	N.A.	25.30
0-40	1428.51	N.A.	42.50
0-60	2614.27	N.A.	77.70
0-80	3292.39	N.A.	97.90
0-90	3362.98	N.A.	100.00
10-90	3264.32	N.A.	97.10
20-40	1039.04	N.A.	30.90
20-50	1657.99	N.A.	49.30
40-70	1616.82	N.A.	48.10
60-80	678.12	N.A.	20.20
70-80	247.05	N.A.	7.30
80-90	70.60	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	3362.98	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	98.66
10-20	290.80
20-30	460.14
30-40	578.91
40-50	618.94
50-60	566.81
60-70	431.07
70-80	247.05
80-90	70.60
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

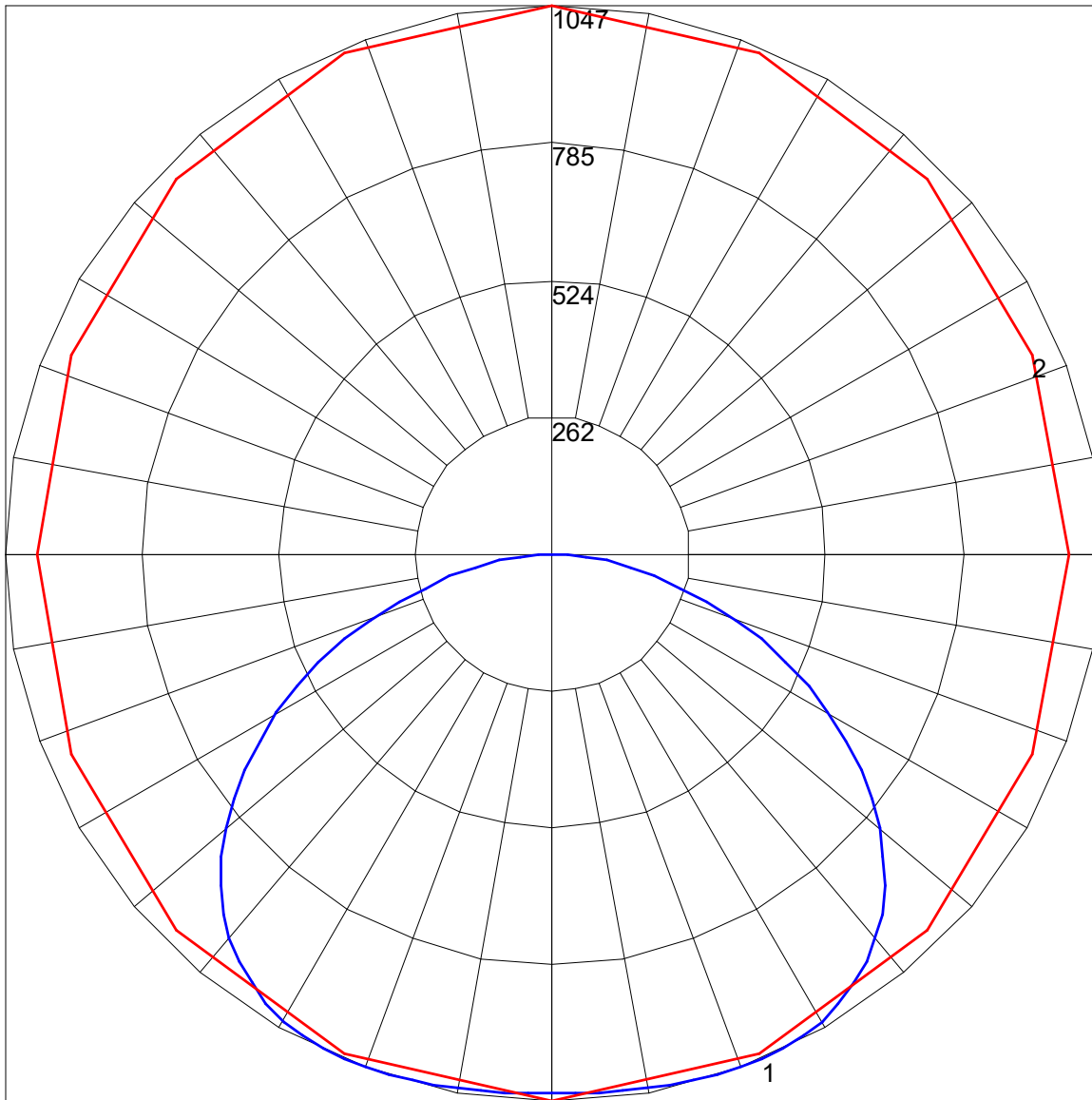
IES INDOOR REPORT
PHOTOMETRIC FILENAME : SFP22-LED-FS2-30W-5000K.IES

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	39	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 = 1047 Located At Horizontal Angle = 90, Vertical Angle = 20
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (20) (Through Max. Cd.)