IES INDOOR REPORT
PHOTOMETRIC FILENAME : ASC22-LED-30L-DIM1-50.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST]LED-11050
[TESTLAB]LSI INDUSTRIES, INC
[ISSUEDATE]07/26/19
[TESTDATE]05/10/19
[MANUFAC]LSI INDUSTRIES, INC
[LUMCAT]ASC22-LED-30L-DIM1-50
[_ABSOLUTE]NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED.
[OTHER]TEST PROCEDURE: IESNA LM-79-08
[_SEARCH_SOURCETYPE] LED
[_SEARCH_APPLICATION] Indoor

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3036
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	131
Total Luminaire Watts	23.2
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.30
Spacing Criterion (90-270)	1.42
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	2437	2680	2939
55	2339	2714	3098
65	2157	2755	3085
75	1880	2493	2524
85	1203	1511	2005

IES INDOOR REPORT
PHOTOMETRIC FILENAME : ASC22-LED-30L-DIM1-50.IES

CANDELA TABULATION

	0.0	22.5	45.0	67.5	90.0
0.0	929	929	929	929	929
2.5	928	929	932	934	934
5.0	929	930	933	935	935
7.5	926	928	932	934	935
10.0	927	928	930	933	935
12.5	916	922	928	930	932
15.0	909	912	924	927	929
17.5	899	903	913	921	925
20.0	890	893	904	915	919
22.5	873	881	894	909	912
25.0	856	864	881	899	903
27.5	837	847	867	887	893
30.0	815	825	849	873	880
32.5	791	803	830	857	867
35.0	764	778	809	839	851
37.5	734	749	785	820	834
40.0	704	721	760	800	815
42.5	674	691	734	777	795
45.0	641	660	705	753	773
47.5	607	627	675	727	746
50.0	572	593	644	700	720
52.5	536	558	612	670	692
55.0	499	521	579	639	661
57.5	461	484	545	607	626
60.0	420	448	509	568	585
62.5	379	409	472	522	537
65.0	339	371	433	472	485
67.5	299	332	390	415	422
70.0	259	294	341	358	362
72.5	220	255	292	298	302
75.0	181	216	240	240	243
77.5	142	173	185	182	185
80.0	103	132	130	126	132
82.5	69	87	80	92	103
85.0	39	45	49	61	65
87.5	15	15	16	11	10
90.0	0	0	0	0	0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : ASC22-LED-30L-DIM1-50.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	349.02	N.A.	11.50
0-30	755.35	N.A.	24.90
0-40	1261.05	N.A.	41.50
0-60	2323.69	N.A.	76.50
0-80	2977.66	N.A.	98.10
0-90	3036.07	N.A.	100.00
10-90	2947.17	N.A.	97.10
20-40	912.03	N.A.	30.00
20-50	1456.74	N.A.	48.00
40-70	1477.89	N.A.	48.70
60-80	653.97	N.A.	21.50
70-80	238.71	N.A.	7.90
80-90	58.42	N.A.	1.90
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	3036.07	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	88.90
10-20	260.12
20-30	406.33
30-40	505.71
40-50	544.71
50-60	517.92
60-70	415.26
70-80	238.71
80-90	58.42
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 : ASC22-LED-30L-DIM1-50.IES

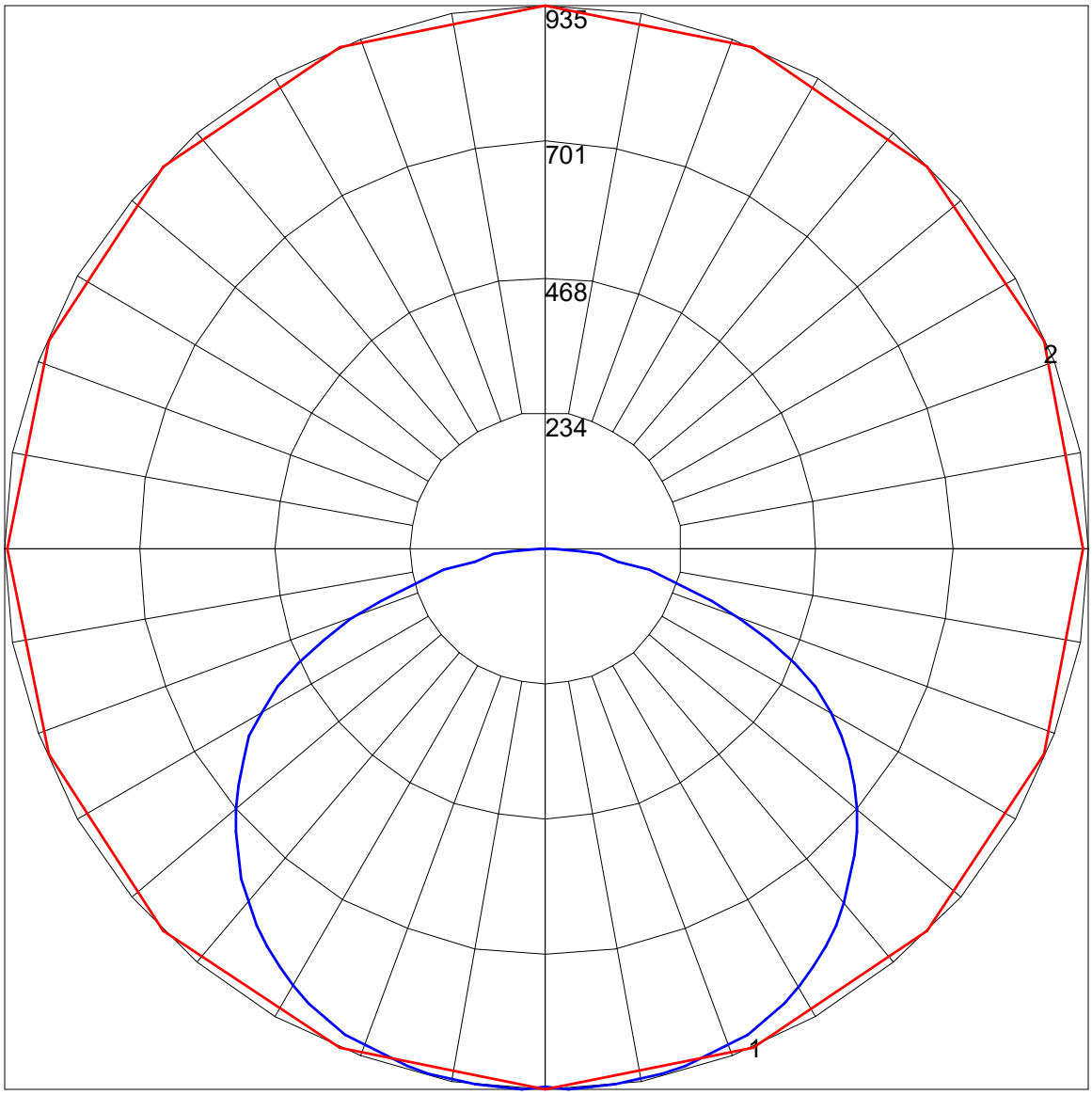
COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	93	97	93	90	93	90	88	89	87	85	83
2	98	89	82	76	95	88	81	75	84	78	74	81	76	72	78	74	70	68
3	89	78	70	63	86	76	69	62	73	67	61	71	65	60	68	63	59	57
4	81	69	60	53	79	67	59	52	65	58	52	63	56	51	60	55	50	48
5	74	61	52	45	72	60	51	45	58	50	44	56	49	44	54	48	43	41
6	69	55	46	39	67	54	45	39	52	44	39	50	43	38	49	43	38	36
7	64	50	41	34	62	49	40	34	47	40	34	46	39	34	44	38	33	31
8	59	45	36	30	57	44	36	30	43	36	30	42	35	30	41	34	30	28
9	55	41	33	27	54	41	33	27	40	32	27	38	32	27	37	31	27	25
10	52	38	30	25	50	38	30	25	37	29	24	36	29	24	35	29	24	22

IES INDOOR REPORT
PHOTOMETRIC FILENAME : ASC22-LED-30L-DIM1-50.IES

POLAR GRAPH



Maximum Candela = 935 Located At Horizontal Angle = 67.5, Vertical Angle = 5
1 - Vertical Plane Through Horizontal Angles (67.5 - 247.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)