IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPASC22-LED-39L-35.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LED-8808_scaled
[TESTLAB] LSI INDUSTRIES, INC
[ISSUEDATE] 05/07/19
[TESTDATE] 04/21/17
[MANUFAC] LSI INDUSTRIES, INC
[LUMCAT] LPASC22-LED-39L-35
[_ABSOLUTE] NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED.
[OTHER] TEST PROCEDURE: IESNA LM-79-08
[OTHER] SCALED FROM ORIGINAL TEST DATA
[_SEARCH_SOURCETYPE] LED
[_SEARCH_APPLICATION] Indoor

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3844
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	116
Total Luminaire Watts	33
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.26
Spacing Criterion (90-270)	1.44
Spacing Criterion (Diagonal)	1.46
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.98 ft
Luminous Width (90-270)	1.98 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	2726	3238	3739
55	2532	3283	4064
65	2352	3462	4573
75	2143	3956	5951
85	1732	4504	5323

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CANDELA TABULATION

	0.0	22.5	45.0	67.5	90.0
0.0	1130	1130	1130	1130	1130
2.5	1156	1147	1132	1117	1112
5.0	1154	1145	1132	1119	1114
7.5	1151	1141	1130	1121	1116
10.0	1141	1136	1129	1121	1119
12.5	1130	1125	1123	1121	1119
15.0	1114	1112	1116	1119	1121
17.5	1095	1095	1106	1116	1121
20.0	1073	1077	1095	1112	1117
22.5	1046	1055	1081	1105	1112
25.0	1018	1031	1064	1095	1106
27.5	987	1002	1044	1083	1097
30.0	950	970	1022	1070	1086
32.5	912	937	996	1049	1072
35.0	871	901	965	1029	1055
37.5	831	864	936	1007	1035
40.0	787	823	902	981	1013
42.5	744	785	869	956	989
45.0	702	744	834	928	963
47.5	658	702	798	897	937
50.0	614	660	761	868	910
52.5	570	616	724	836	880
55.0	529	573	686	805	849
57.5	483	531	647	770	816
60.0	443	491	608	733	783
62.5	401	448	570	697	744
65.0	362	408	533	656	704
67.5	322	369	493	618	667
70.0	281	329	452	579	640
72.5	241	289	412	546	614
75.0	202	250	373	502	561
77.5	162	213	336	459	516
80.0	125	175	290	380	397
82.5	90	136	226	270	281
85.0	55	90	143	162	169
87.5	26	37	62	81	94
90.0	0	0	0	0	0

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	423.39	N.A.	11.00
0-30	913.37	N.A.	23.80
0-40	1517.16	N.A.	39.50
0-60	2776.75	N.A.	72.20
0-80	3700.1	N.A.	96.30
0-90	3844.13	N.A.	100.00
10-90	3736.15	N.A.	97.20
20-40	1093.78	N.A.	28.50
20-50	1737.9	N.A.	45.20
40-70	1787.47	N.A.	46.50
60-80	923.35	N.A.	24.00
70-80	395.47	N.A.	10.30
80-90	144.03	N.A.	3.70
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	3844.13	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	107.98
10-20	315.40
20-30	489.99
30-40	603.79
40-50	644.12
50-60	615.47
60-70	527.88
70-80	395.47
80-90	144.03
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	107	102	97	92	104	99	95	91	95	91	88	91	88	85	87	85	83	81
2	97	88	80	74	94	86	79	73	82	76	71	79	74	69	75	71	68	65
3	88	76	67	60	85	74	66	60	71	64	59	69	63	57	66	61	56	54
4	80	67	58	50	77	66	57	50	63	55	49	61	54	49	58	53	48	46
5	73	60	50	43	71	58	49	43	56	48	42	54	47	42	52	46	41	39
6	67	53	44	37	65	52	44	37	51	43	37	49	42	36	47	41	36	34
7	62	48	39	33	61	47	39	33	46	38	32	44	37	32	43	37	32	30
8	58	44	35	29	56	43	35	29	42	34	29	41	34	29	39	33	28	26
9	54	40	32	26	53	40	32	26	39	31	26	37	31	26	36	30	26	24
10	51	37	29	24	49	37	29	23	36	28	23	35	28	23	34	28	23	21

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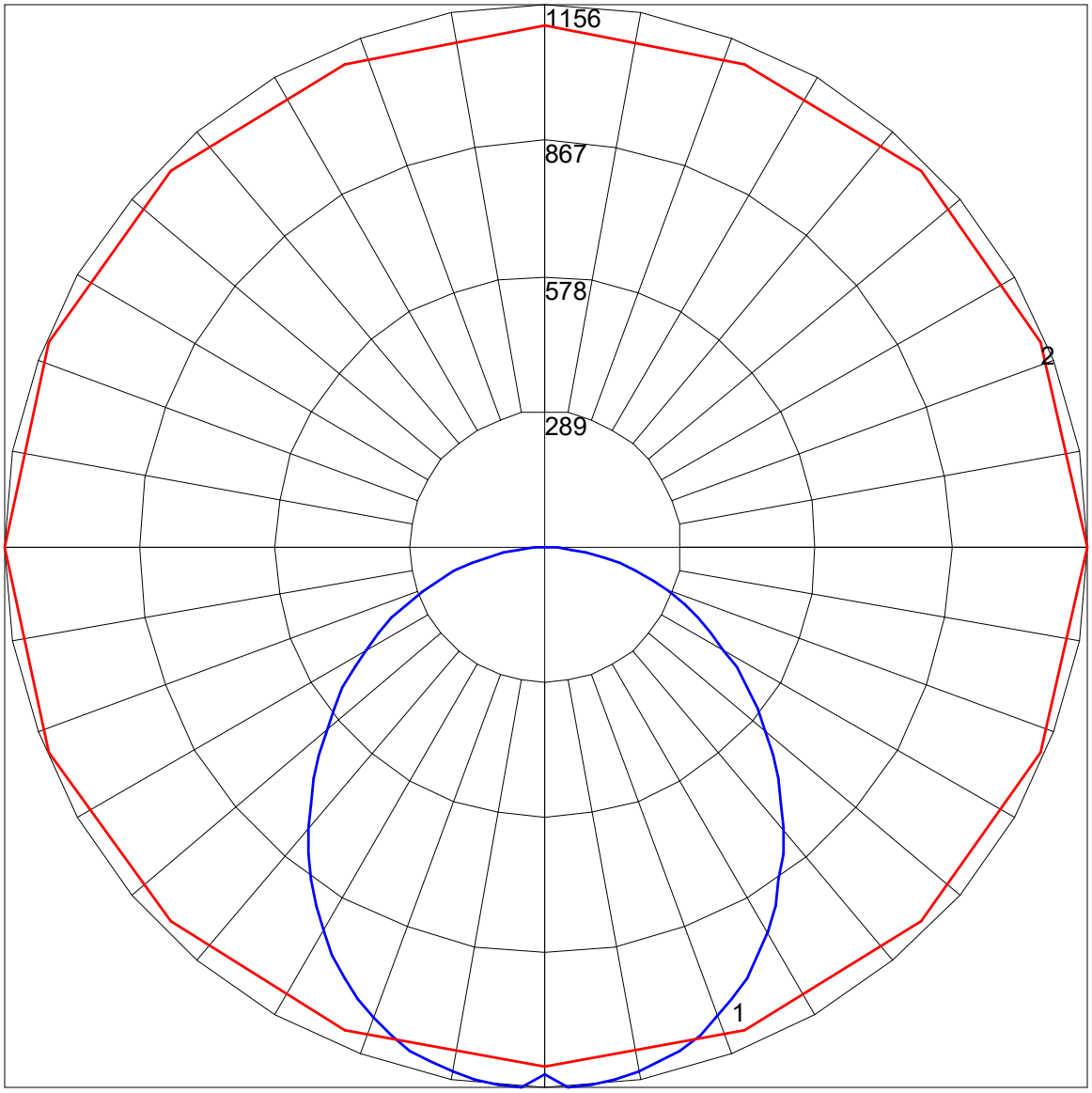
POLAR GRAPH



Maximum Candela = 1156 Located At Horizontal Angle = 0, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)