IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPASC22-LED-60L-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-60L-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	5918
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	121
Total Luminaire Watts	49
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	4197	4989	5758
55	3901	5050	6256
65	3618	5333	7042
75	3299	6089	9154
85	2677	6961	8190

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CANDELA TABULATION

	0.0	22.5	45.0	67.5	90.0
0.0	1740	1740	1740	1740	1740
2.5	1780	1766	1743	1720	1712
5.0	1777	1763	1743	1723	1715
7.5	1771	1757	1740	1726	1717
10.0	1757	1749	1737	1726	1723
12.5	1740	1732	1729	1726	1723
15.0	1715	1712	1717	1723	1726
17.5	1686	1686	1703	1717	1726
20.0	1652	1658	1686	1712	1720
22.5	1610	1624	1664	1700	1712
25.0	1567	1587	1638	1686	1703
27.5	1519	1542	1607	1666	1689
30.0	1463	1494	1573	1647	1672
32.5	1403	1443	1534	1616	1650
35.0	1341	1386	1485	1584	1624
37.5	1279	1330	1440	1550	1593
40.0	1211	1268	1389	1511	1559
42.5	1146	1208	1338	1471	1522
45.0	1081	1146	1285	1429	1483
47.5	1013	1081	1228	1381	1443
50.0	945	1016	1171	1335	1401
52.5	877	948	1115	1287	1355
55.0	815	883	1055	1239	1307
57.5	744	818	996	1185	1256
60.0	682	755	937	1129	1205
62.5	617	690	877	1072	1146
65.0	557	628	821	1010	1084
67.5	495	569	758	951	1027
70.0	433	506	696	891	985
72.5	371	444	634	840	945
75.0	311	385	574	772	863
77.5	249	328	518	707	795
80.0	192	269	447	586	611
82.5	139	209	348	416	433
85.0	85	139	221	249	260
87.5	40	57	96	124	144
90.0	0	0	0	0	0

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	651.81	N.A.	11.00
0-30	1406.04	N.A.	23.80
0-40	2335.53	N.A.	39.50
0-60	4274.67	N.A.	72.20
0-80	5695.95	N.A.	96.30
0-90	5917.77	N.A.	100.00
10-90	5751.52	N.A.	97.20
20-40	1683.72	N.A.	28.50
20-50	2675.4	N.A.	45.20
40-70	2751.71	N.A.	46.50
60-80	1421.28	N.A.	24.00
70-80	608.72	N.A.	10.30
80-90	221.82	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	5917.77	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	166.25
10-20	485.56
20-30	754.24
30-40	929.48
40-50	991.68
50-60	947.47
60-70	812.57
70-80	608.72
80-90	221.82
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	87	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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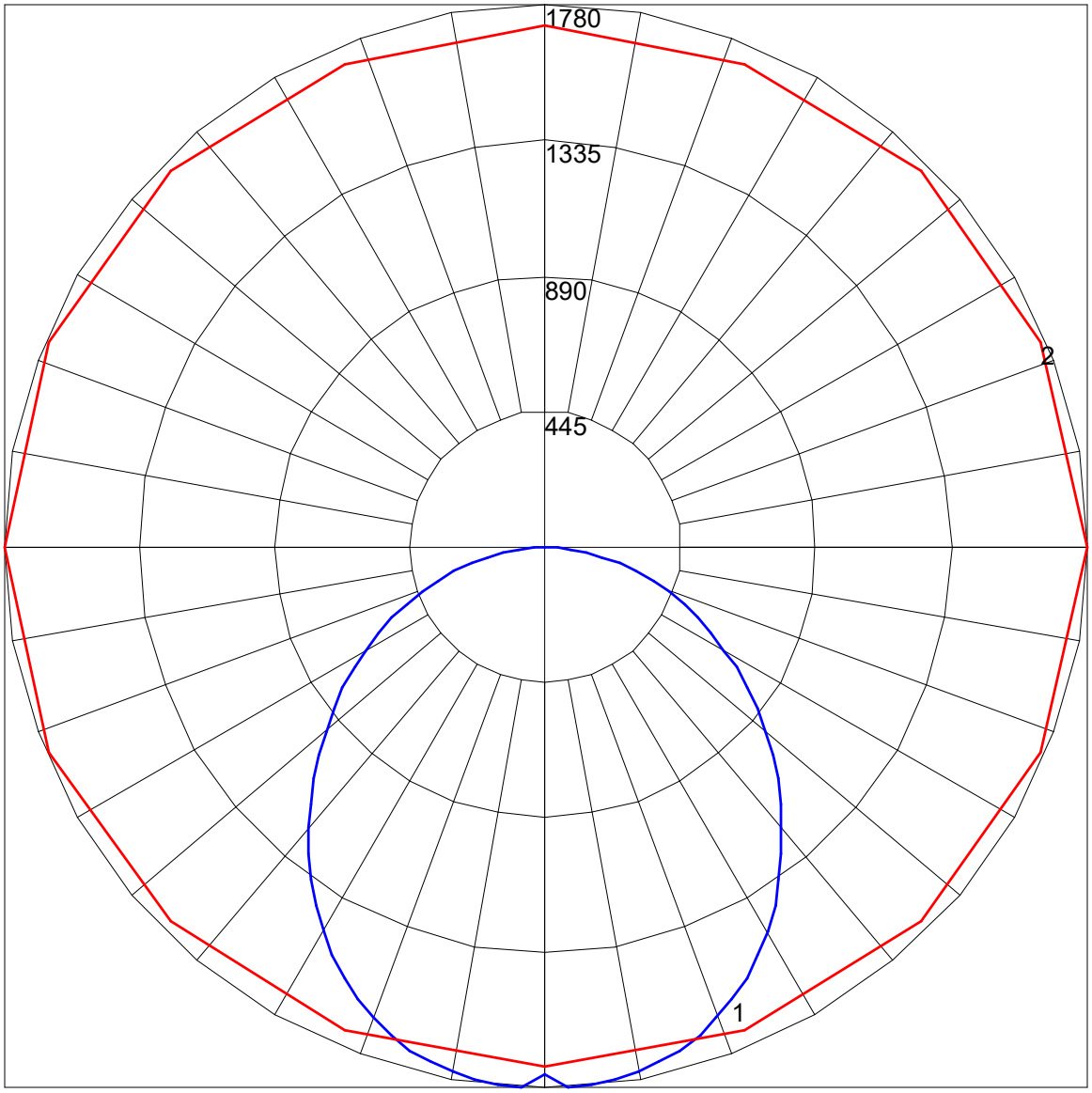
POLAR GRAPH



Maximum Candela = 1780 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.)