



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LPASC22-LED-65L-40.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] LED-8808_scaled

[TESTLAB] LSI INDUSTRIES, INC

[ISSUE DATE] 05/07/19

[TEST DATE] 04/21/17

[MANUFAC] LSI INDUSTRIES, INC

[LUMCAT] LPASC22-LED-65L-40

[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	6499
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	120
Total Luminaire Watts	54
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	4609	5478	6321
55	4284	5547	6868
65	3976	5853	7730
75	3628	6693	10056
85	2929	7623	9009

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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	1911	1911	1911	1911	1911
2.5	1954	1939	1914	1889	1880
5.0	1951	1936	1914	1892	1883
7.5	1945	1929	1911	1895	1886
10.0	1929	1920	1908	1895	1892
12.5	1911	1902	1898	1895	1892
15.0	1883	1880	1886	1892	1895
17.5	1852	1852	1870	1886	1895
20.0	1815	1821	1852	1880	1889
22.5	1768	1783	1827	1867	1880
25.0	1721	1743	1799	1852	1870
27.5	1668	1693	1765	1830	1855
30.0	1606	1641	1728	1808	1836
32.5	1541	1585	1684	1774	1811
35.0	1473	1522	1631	1740	1783
37.5	1404	1460	1582	1703	1749
40.0	1330	1392	1526	1659	1712
42.5	1258	1327	1470	1616	1672
45.0	1187	1258	1411	1569	1628
47.5	1112	1187	1348	1516	1585
50.0	1038	1115	1286	1467	1538
52.5	963	1041	1224	1414	1488
55.0	895	969	1159	1361	1435
57.5	817	898	1094	1302	1380
60.0	749	830	1028	1240	1324
62.5	677	758	963	1178	1258
65.0	612	690	901	1109	1190
67.5	544	625	833	1044	1128
70.0	475	556	764	979	1081
72.5	407	488	696	923	1038
75.0	342	423	631	848	948
77.5	273	360	569	777	873
80.0	211	295	491	643	671
82.5	152	230	382	457	475
85.0	93	152	242	273	286
87.5	43	62	106	137	158
90.0	0	0	0	0	0

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	715.78	N.A.	11.00
0-30	1544.09	N.A.	23.80
0-40	2564.81	N.A.	39.50
0-60	4694.34	N.A.	72.20
0-80	6255.33	N.A.	96.30
0-90	6498.79	N.A.	100.00
10-90	6316.24	N.A.	97.20
20-40	1849.03	N.A.	28.50
20-50	2938.01	N.A.	45.20
40-70	3021.91	N.A.	46.50
60-80	1560.99	N.A.	24.00
70-80	668.60	N.A.	10.30
80-90	243.47	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	6498.79	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	182.55
10-20	533.23
20-30	828.31
30-40	1020.72
40-50	1088.98
50-60	1040.55
60-70	892.38
70-80	668.60
80-90	243.47
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

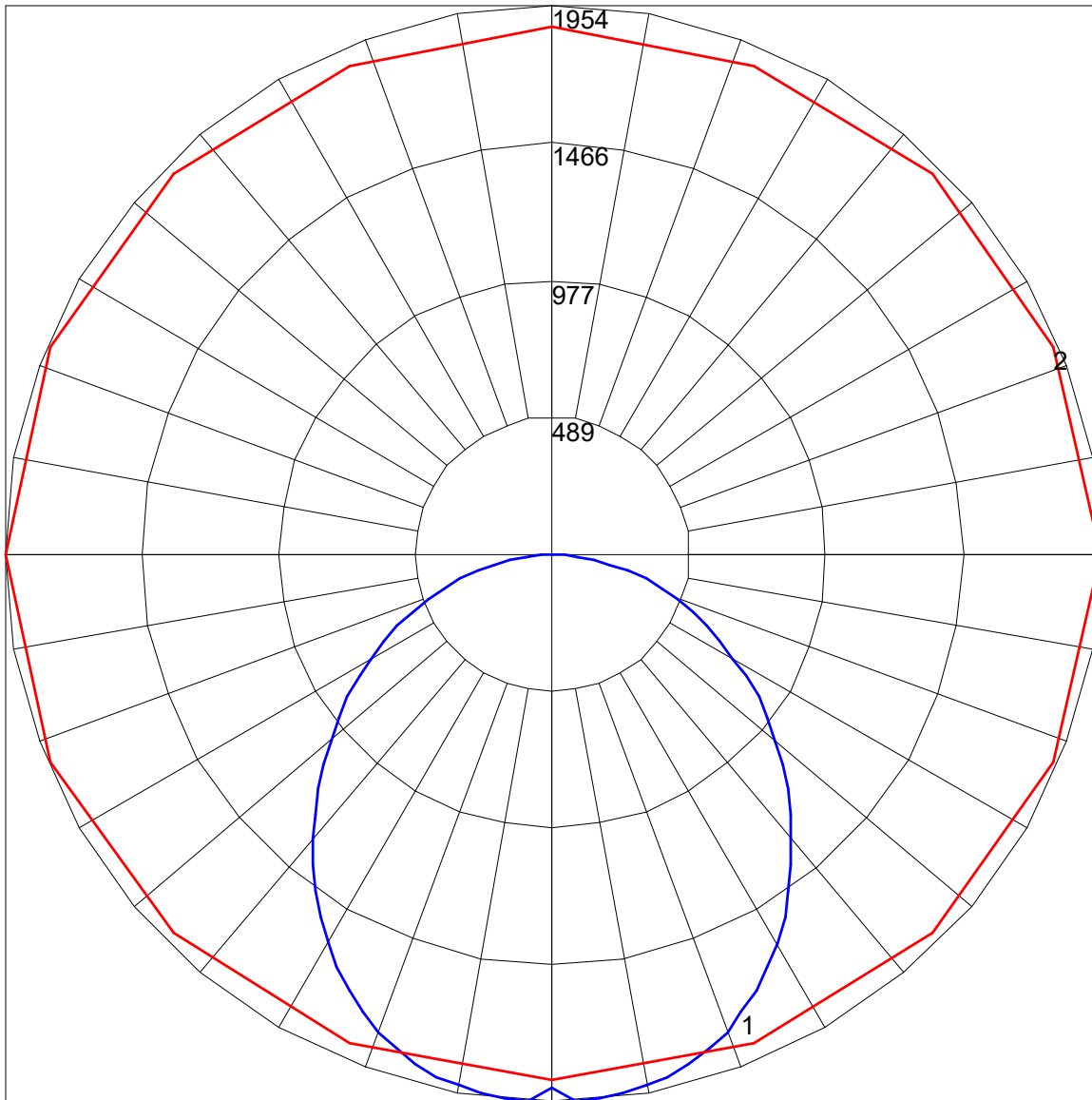
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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

POLAR GRAPH



Maximum Candela = 1954 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.)