



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LPASC22-LED-65L-50.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-65L-50

[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	6736
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	125
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	4775	5676	6550
55	4437	5748	7122
65	4119	6067	8010
75	3755	6937	10416
85	3055	7906	9324

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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	1981	1981	1981	1981	1981
2.5	2026	2010	1984	1958	1948
5.0	2022	2006	1984	1961	1952
7.5	2016	2000	1981	1964	1955
10.0	2000	1990	1977	1964	1961
12.5	1981	1971	1968	1964	1961
15.0	1952	1948	1955	1961	1964
17.5	1919	1919	1939	1955	1964
20.0	1881	1887	1919	1948	1958
22.5	1832	1848	1894	1935	1948
25.0	1784	1807	1865	1919	1939
27.5	1729	1755	1829	1897	1923
30.0	1665	1700	1791	1874	1903
32.5	1597	1642	1745	1839	1877
35.0	1526	1578	1691	1803	1848
37.5	1456	1514	1639	1765	1813
40.0	1378	1443	1581	1720	1774
42.5	1304	1375	1523	1675	1733
45.0	1230	1304	1462	1626	1687
47.5	1153	1230	1398	1572	1642
50.0	1076	1156	1333	1520	1594
52.5	998	1079	1269	1465	1543
55.0	927	1005	1201	1411	1488
57.5	847	931	1134	1349	1430
60.0	776	860	1066	1285	1372
62.5	702	786	998	1221	1304
65.0	634	715	934	1150	1233
67.5	564	647	863	1082	1169
70.0	493	576	792	1014	1121
72.5	422	506	721	956	1076
75.0	354	438	654	879	982
77.5	283	374	589	805	905
80.0	219	306	509	667	696
82.5	158	238	396	473	493
85.0	97	158	251	283	296
87.5	45	64	109	142	164
90.0	0	0	0	0	0

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	741.88	N.A.	11.00
0-30	1600.4	N.A.	23.80
0-40	2658.31	N.A.	39.50
0-60	4865.5	N.A.	72.20
0-80	6483.28	N.A.	96.30
0-90	6735.64	N.A.	100.00
10-90	6546.42	N.A.	97.20
20-40	1916.43	N.A.	28.50
20-50	3045.09	N.A.	45.20
40-70	3132.06	N.A.	46.50
60-80	1617.79	N.A.	24.00
70-80	692.91	N.A.	10.30
80-90	252.36	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	6735.64	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	189.22
10-20	552.66
20-30	858.52
30-40	1057.91
40-50	1128.66
50-60	1078.53
60-70	924.88
70-80	692.91
80-90	252.36
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

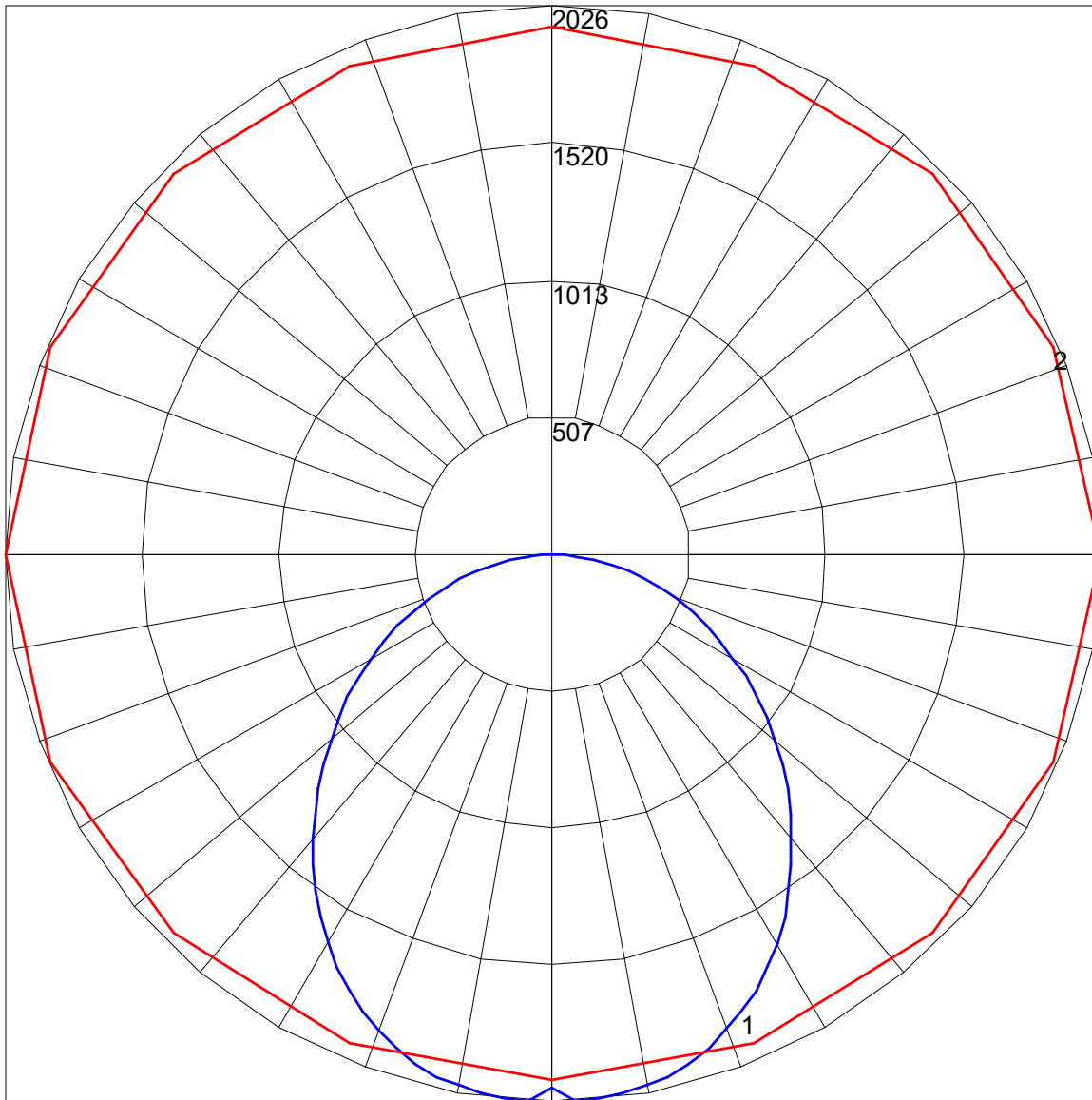
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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 = 2026 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.)