



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LPASC22-LED-65L-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-65L-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	6392
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	118
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	4531	5385	6216
55	4212	5456	6758
65	3911	5756	7600
75	3564	6576	9886
85	2898	7497	8851

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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	1879	1879	1879	1879	1879
2.5	1922	1907	1882	1858	1849
5.0	1919	1904	1882	1861	1852
7.5	1913	1898	1879	1864	1855
10.0	1898	1889	1876	1864	1861
12.5	1879	1870	1867	1864	1861
15.0	1852	1849	1855	1861	1864
17.5	1821	1821	1840	1855	1864
20.0	1785	1791	1821	1849	1858
22.5	1739	1754	1797	1837	1849
25.0	1693	1714	1769	1821	1840
27.5	1641	1665	1736	1800	1824
30.0	1580	1614	1699	1779	1806
32.5	1516	1559	1656	1745	1782
35.0	1449	1497	1604	1711	1754
37.5	1381	1436	1555	1675	1720
40.0	1308	1369	1500	1632	1684
42.5	1238	1305	1445	1589	1644
45.0	1167	1238	1387	1543	1601
47.5	1094	1167	1326	1491	1559
50.0	1021	1097	1265	1442	1513
52.5	947	1024	1204	1390	1464
55.0	880	953	1140	1338	1412
57.5	804	883	1076	1280	1357
60.0	736	816	1012	1219	1302
62.5	666	746	947	1158	1238
65.0	602	678	886	1091	1170
67.5	535	614	819	1027	1109
70.0	468	547	752	963	1063
72.5	400	480	685	908	1021
75.0	336	416	620	834	932
77.5	269	354	559	764	859
80.0	208	290	483	633	660
82.5	150	226	376	449	468
85.0	92	150	238	269	281
87.5	43	61	104	134	156
90.0	0	0	0	0	0

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	704.00	N.A.	11.00
0-30	1518.69	N.A.	23.80
0-40	2522.58	N.A.	39.50
0-60	4616.85	N.A.	72.20
0-80	6152.06	N.A.	96.30
0-90	6391.62	N.A.	100.00
10-90	6212.07	N.A.	97.20
20-40	1818.58	N.A.	28.50
20-50	2889.52	N.A.	45.20
40-70	2971.89	N.A.	46.50
60-80	1535.21	N.A.	24.00
70-80	657.60	N.A.	10.30
80-90	239.56	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	6391.62	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	179.55
10-20	524.45
20-30	814.69
30-40	1003.89
40-50	1070.95
50-60	1023.33
60-70	877.61
70-80	657.60
80-90	239.56
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

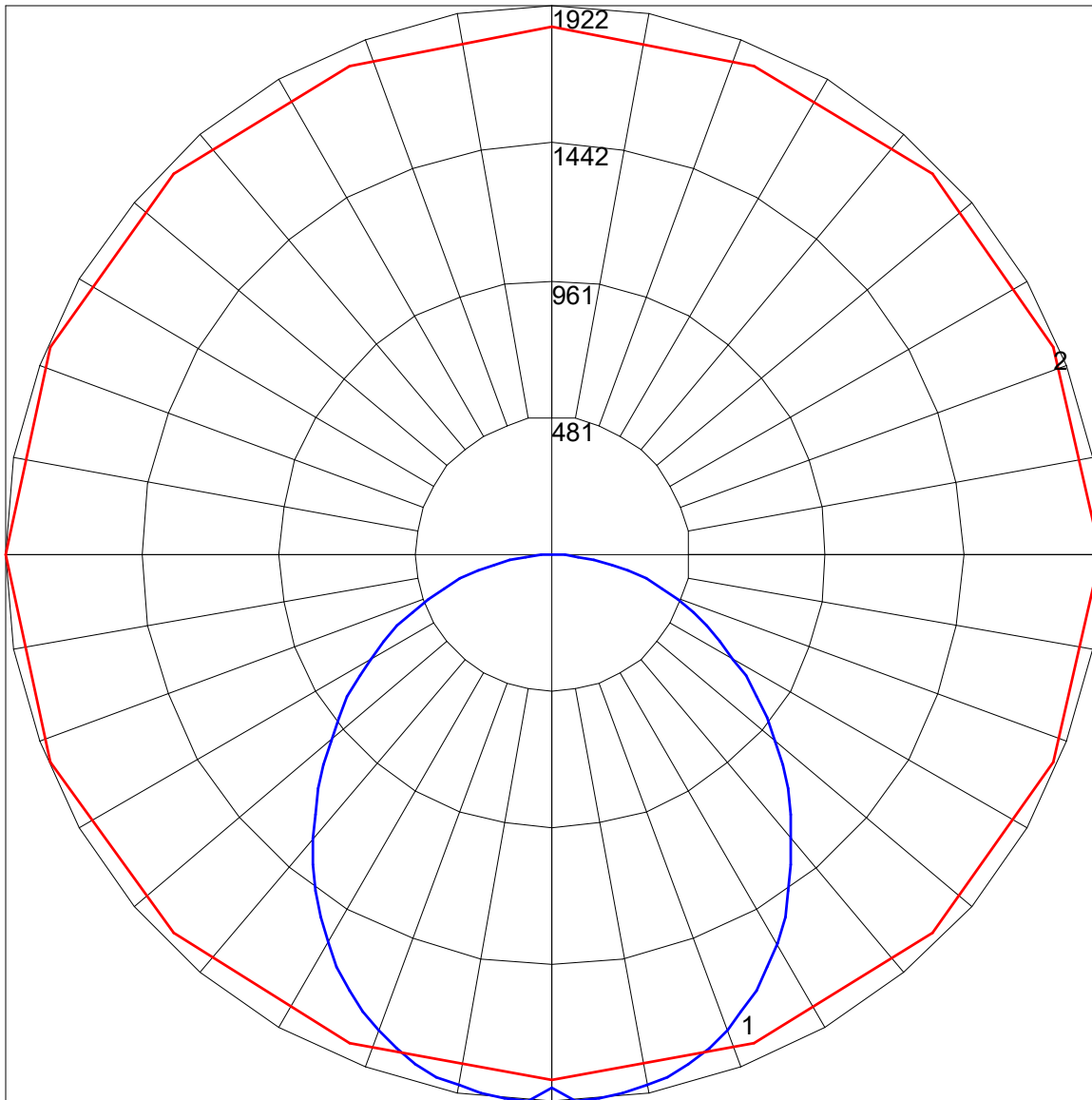
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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 = 1922 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.)