



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LPASC22-LED-65L-30.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-30

[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	6058
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	112
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	4294	5106	5894
55	3992	5169	6404
65	3709	5457	7204
75	3384	6237	9366
85	2740	7119	8379

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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	1781	1781	1781	1781	1781
2.5	1822	1807	1784	1761	1752
5.0	1819	1804	1784	1764	1755
7.5	1813	1799	1781	1767	1758
10.0	1799	1790	1778	1767	1764
12.5	1781	1773	1770	1767	1764
15.0	1755	1752	1758	1764	1767
17.5	1726	1726	1744	1758	1767
20.0	1691	1697	1726	1752	1761
22.5	1648	1662	1703	1741	1752
25.0	1605	1625	1677	1726	1744
27.5	1555	1578	1645	1706	1729
30.0	1497	1529	1610	1686	1712
32.5	1437	1477	1570	1654	1689
35.0	1373	1419	1521	1622	1662
37.5	1309	1361	1474	1587	1631
40.0	1240	1298	1422	1547	1596
42.5	1173	1237	1370	1506	1558
45.0	1106	1173	1315	1463	1518
47.5	1037	1106	1257	1413	1477
50.0	967	1040	1199	1367	1434
52.5	898	970	1141	1318	1387
55.0	834	904	1080	1269	1338
57.5	762	837	1019	1214	1286
60.0	698	773	959	1156	1234
62.5	631	707	898	1098	1173
65.0	571	643	840	1034	1109
67.5	507	582	776	973	1051
70.0	443	518	712	912	1008
72.5	379	455	649	860	967
75.0	319	394	588	791	883
77.5	255	336	530	724	814
80.0	197	275	458	600	626
82.5	142	214	356	426	443
85.0	87	142	226	255	266
87.5	41	58	98	127	148
90.0	0	0	0	0	0

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	667.25	N.A.	11.00
0-30	1439.36	N.A.	23.80
0-40	2390.87	N.A.	39.50
0-60	4375.94	N.A.	72.20
0-80	5830.96	N.A.	96.30
0-90	6057.98	N.A.	100.00
10-90	5887.8	N.A.	97.20
20-40	1723.62	N.A.	28.50
20-50	2738.73	N.A.	45.20
40-70	2816.86	N.A.	46.50
60-80	1455.01	N.A.	24.00
70-80	623.22	N.A.	10.30
80-90	227.02	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	6057.98	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	170.18
10-20	497.07
20-30	772.11
30-40	951.52
40-50	1015.11
50-60	969.96
60-70	831.79
70-80	623.22
80-90	227.02
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

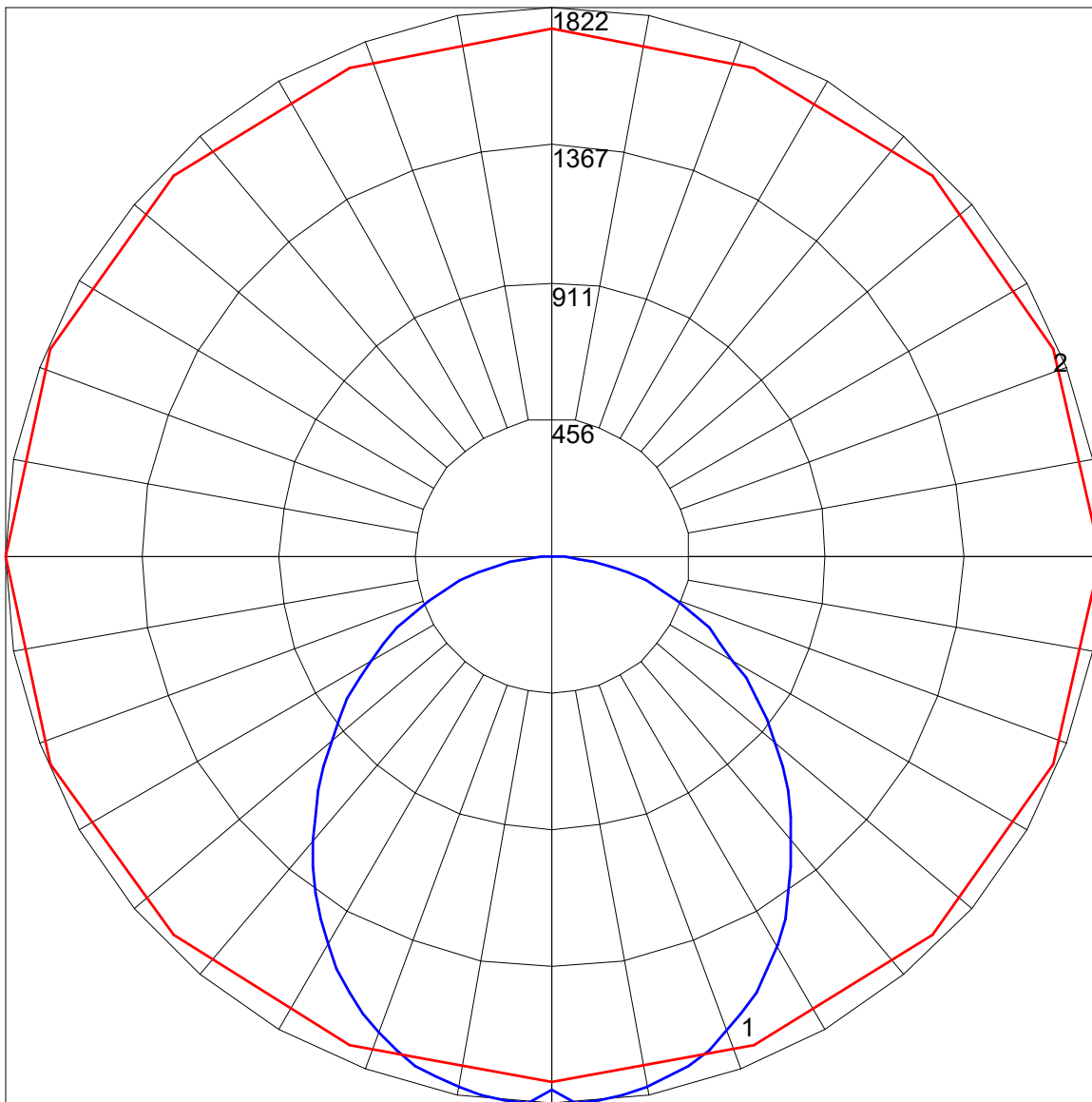
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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 = 1822 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.)