



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LPASC22-LED-60L-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-60L-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	6236
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	127
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	4422	5257	6064
55	4112	5322	6591
65	3813	5619	7419
75	3479	6417	9642
85	2803	7339	8631

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPASC22-LED-60L-50.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	1834	1834	1834	1834	1834
2.5	1875	1860	1837	1813	1804
5.0	1872	1857	1837	1816	1807
7.5	1866	1851	1834	1819	1810
10.0	1851	1842	1831	1819	1816
12.5	1834	1825	1822	1819	1816
15.0	1807	1804	1810	1816	1819
17.5	1777	1777	1795	1810	1819
20.0	1741	1747	1777	1804	1813
22.5	1696	1711	1753	1792	1804
25.0	1652	1673	1726	1777	1795
27.5	1601	1625	1693	1756	1780
30.0	1541	1574	1658	1735	1762
32.5	1479	1520	1616	1702	1738
35.0	1413	1461	1565	1670	1711
37.5	1348	1401	1518	1634	1679
40.0	1276	1336	1464	1592	1643
42.5	1207	1273	1410	1550	1604
45.0	1139	1207	1354	1506	1562
47.5	1067	1139	1294	1455	1520
50.0	996	1070	1234	1407	1476
52.5	924	999	1175	1357	1428
55.0	859	930	1112	1306	1377
57.5	784	862	1049	1249	1324
60.0	719	796	987	1190	1270
62.5	650	727	924	1130	1207
65.0	587	662	865	1064	1142
67.5	522	599	799	1002	1082
70.0	456	534	733	939	1038
72.5	391	468	668	885	996
75.0	328	405	605	814	909
77.5	262	346	546	745	838
80.0	203	283	471	617	644
82.5	146	221	367	438	456
85.0	89	146	233	262	274
87.5	42	60	101	131	152
90.0	0	0	0	0	0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPASC22-LED-60L-50.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	686.92	N.A.	11.00
0-30	1481.74	N.A.	23.80
0-40	2461.2	N.A.	39.50
0-60	4504.55	N.A.	72.20
0-80	6002.23	N.A.	96.30
0-90	6235.92	N.A.	100.00
10-90	6060.74	N.A.	97.20
20-40	1774.28	N.A.	28.50
20-50	2819.17	N.A.	45.20
40-70	2899.57	N.A.	46.50
60-80	1497.68	N.A.	24.00
70-80	641.46	N.A.	10.30
80-90	233.69	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	6235.92	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	175.19
10-20	511.73
20-30	794.83
30-40	979.46
40-50	1044.88
50-60	998.47
60-70	856.22
70-80	641.46
80-90	233.69
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

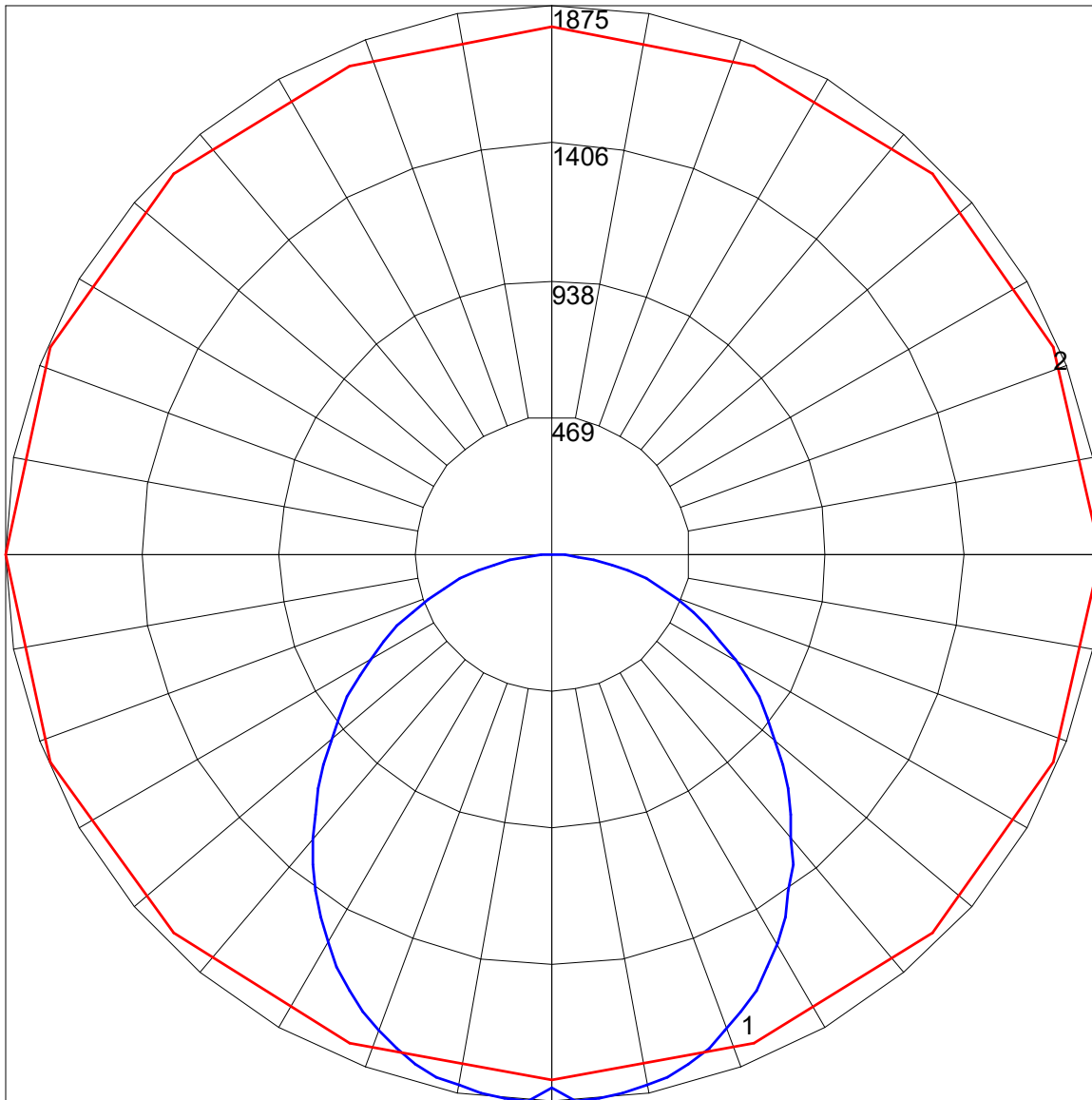
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPASC22-LED-60L-50.IES

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 = 1875 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.)