



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LPASC22-LED-50L-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-50L-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	4672
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	114
Total Luminaire Watts	41
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	3312	3937	4543
55	3078	3987	4940
65	2858	4209	5561
75	2609	4805	7224
85	2110	5481	6489

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPASC22-LED-50L-30.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	1374	1374	1374	1374	1374
2.5	1405	1394	1376	1358	1351
5.0	1403	1392	1376	1360	1354
7.5	1398	1387	1374	1363	1356
10.0	1387	1380	1372	1363	1360
12.5	1374	1367	1365	1363	1360
15.0	1354	1351	1356	1360	1363
17.5	1331	1331	1345	1356	1363
20.0	1305	1309	1331	1351	1358
22.5	1271	1282	1313	1342	1351
25.0	1237	1253	1293	1331	1345
27.5	1200	1217	1269	1316	1334
30.0	1155	1179	1242	1300	1320
32.5	1108	1139	1211	1275	1302
35.0	1059	1095	1173	1251	1282
37.5	1010	1050	1137	1224	1258
40.0	956	1001	1097	1193	1231
42.5	905	954	1057	1162	1202
45.0	853	905	1014	1128	1170
47.5	800	853	969	1090	1139
50.0	746	802	925	1054	1106
52.5	692	748	880	1016	1070
55.0	643	697	833	978	1032
57.5	587	646	786	936	992
60.0	538	596	739	891	952
62.5	487	545	692	847	905
65.0	440	496	648	797	856
67.5	391	449	599	751	811
70.0	342	400	550	704	777
72.5	293	351	500	663	746
75.0	246	304	453	610	681
77.5	197	259	409	558	628
80.0	152	212	353	462	482
82.5	109	165	275	328	342
85.0	67	109	174	197	206
87.5	31	45	76	98	114
90.0	0	0	0	0	0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPASC22-LED-50L-30.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	514.61	N.A.	11.00
0-30	1110.06	N.A.	23.80
0-40	1843.93	N.A.	39.50
0-60	3374.8	N.A.	72.20
0-80	4497.02	N.A.	96.30
0-90	4672.06	N.A.	100.00
10-90	4540.81	N.A.	97.20
20-40	1329.32	N.A.	28.50
20-50	2112.24	N.A.	45.20
40-70	2172.46	N.A.	46.50
60-80	1122.23	N.A.	24.00
70-80	480.63	N.A.	10.30
80-90	175.04	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	4672.06	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	131.25
10-20	383.36
20-30	595.45
30-40	733.87
40-50	782.92
50-60	747.95
60-70	641.60
70-80	480.63
80-90	175.04
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

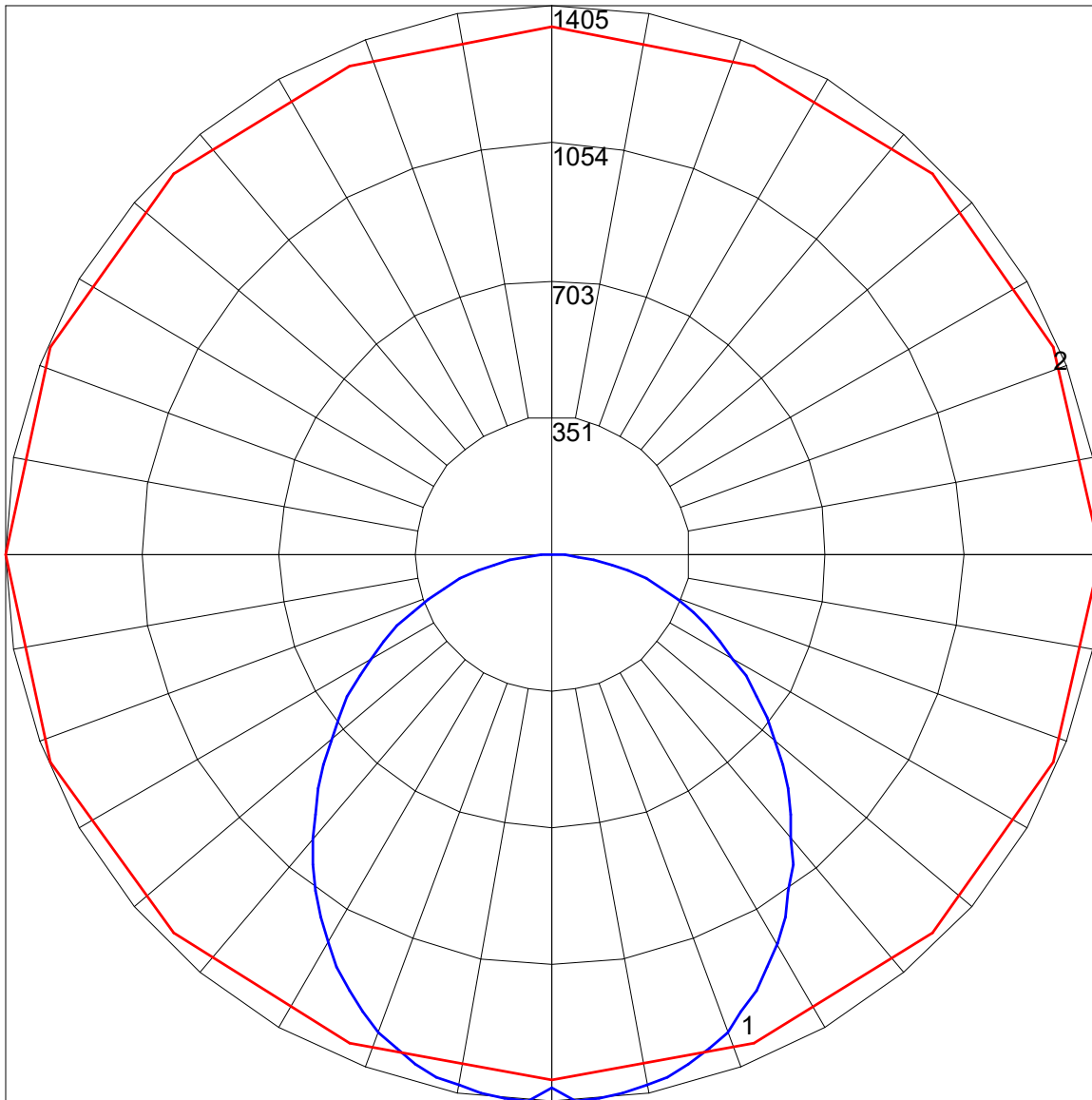
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPASC22-LED-50L-30.IES

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	88	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 = 1405 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.)