



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LPASC22-LED-32L-30.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST]LED-8808\_scaled  
[TESTLAB]LSI INDUSTRIES, INC  
[ISSUE DATE]08/18/17  
[TEST DATE]04/21/17  
[MANUFACTURER]LSI INDUSTRIES, INC  
[LUMEN CATEGORY]LPASC22-LED-32L-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\_SOURCE TYPE] LED  
[SEARCH\_APPLICATION] Indoor

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3114
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	110
Total Luminaire Watts	28.2
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	2208	2625	3029
55	2053	2658	3293
65	1906	2805	3705
75	1737	3206	4817
85	1407	3658	4315

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LPASC22-LED-32L-30.IES**

**CANDELA TABULATION**

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
<b>0.0</b>	915.741	915.741	915.741	915.741	915.741
<b>2.5</b>	936.587	929.142	917.230	905.318	900.851
<b>5.0</b>	935.098	927.653	917.230	906.807	902.340
<b>7.5</b>	932.120	924.675	915.741	908.296	903.829
<b>10.0</b>	924.675	920.208	914.252	908.296	906.807
<b>12.5</b>	915.741	911.274	909.785	908.296	906.807
<b>15.0</b>	902.340	900.851	903.829	906.807	908.296
<b>17.5</b>	887.450	887.450	896.384	903.829	908.296
<b>20.0</b>	869.582	872.560	887.450	900.851	905.318
<b>22.5</b>	847.247	854.692	875.538	894.895	900.851
<b>25.0</b>	824.912	835.335	862.137	887.450	896.384
<b>27.5</b>	799.598	811.510	845.758	877.027	888.939
<b>30.0</b>	769.818	786.197	827.890	866.604	880.005
<b>32.5</b>	738.549	759.395	807.043	850.225	868.093
<b>35.0</b>	705.791	729.615	781.730	833.846	854.692
<b>37.5</b>	673.033	699.835	757.906	815.977	838.313
<b>40.0</b>	637.296	667.076	731.104	795.131	820.444
<b>42.5</b>	603.049	635.807	704.302	774.285	801.087
<b>45.0</b>	568.802	603.049	676.011	751.950	780.241
<b>47.5</b>	533.066	568.802	646.230	726.637	759.395
<b>50.0</b>	497.329	534.555	616.450	702.813	737.060
<b>52.5</b>	461.593	498.818	586.670	677.500	713.236
<b>55.0</b>	428.835	464.571	555.401	652.186	687.923
<b>57.5</b>	391.610	430.324	524.132	623.895	661.120
<b>60.0</b>	358.851	397.566	492.862	594.115	634.318
<b>62.5</b>	324.604	363.318	461.593	564.335	603.049
<b>65.0</b>	293.335	330.560	431.813	531.577	570.291
<b>67.5</b>	260.577	299.291	399.055	500.307	540.511
<b>70.0</b>	227.819	266.533	366.296	469.038	518.175
<b>72.5</b>	195.060	233.775	333.538	442.236	497.329
<b>75.0</b>	163.791	202.505	302.269	406.500	454.148
<b>77.5</b>	131.033	172.725	272.489	372.252	418.412
<b>80.0</b>	101.253	141.456	235.264	308.225	321.626
<b>82.5</b>	72.961	110.187	183.148	218.884	227.819
<b>85.0</b>	44.670	72.961	116.143	131.033	136.989
<b>87.5</b>	20.846	29.780	50.626	65.516	75.940
<b>90.0</b>	0.000	0.000	0.000	0.000	0.000

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LPASC22-LED-32L-30.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	343.03	N.A.	11.00
0-30	740.00	N.A.	23.80
0-40	1229.16	N.A.	39.50
0-60	2249.68	N.A.	72.20
0-80	2997.72	N.A.	96.30
0-90	3114.44	N.A.	100.00
10-90	3026.95	N.A.	97.20
20-40	886.13	N.A.	28.50
20-50	1408.00	N.A.	45.20
40-70	1448.16	N.A.	46.50
60-80	748.03	N.A.	24.00
70-80	320.39	N.A.	10.30
80-90	116.72	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	3114.44	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	87.49
10-20	255.54
20-30	396.96
30-40	489.17
40-50	521.87
50-60	498.65
60-70	427.64
70-80	320.39
80-90	116.72
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

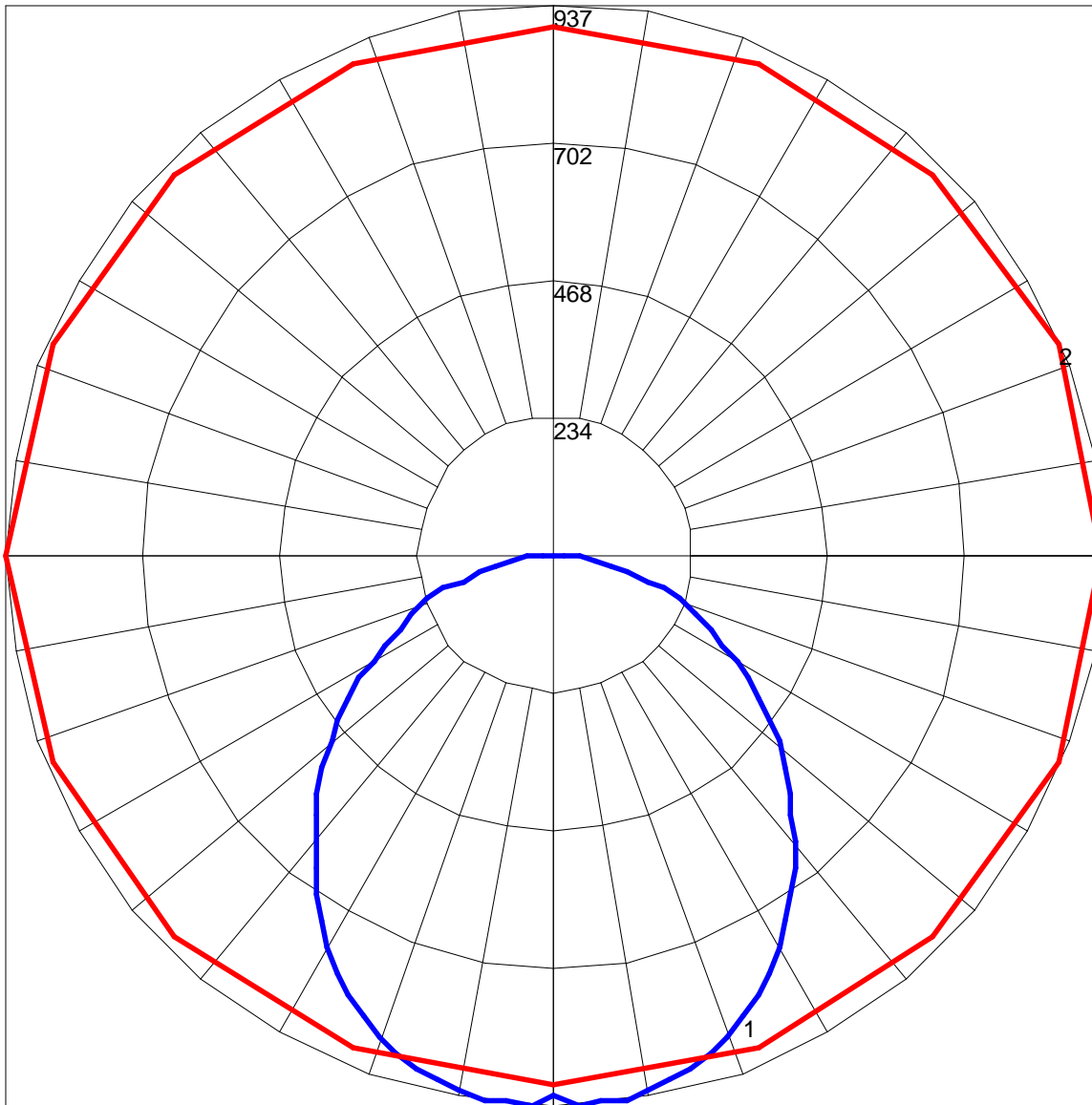
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LPASC22-LED-32L-30.IES**

**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	93	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	75	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 = 936.587 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.)