



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LPASC22-LED-70L-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  
[MANUFACTURER] LSI INDUSTRIES, INC  
[LUMEN CATEGORY] LPASC22-LED-70L-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	6549
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	111
Total Luminaire Watts	59
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	4643	5517	6371
55	4317	5590	6926
65	4008	5898	7789
75	3649	6746	10130
85	2961	7686	9072

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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	1926	1926	1926	1926	1926
2.5	1969	1954	1929	1904	1894
5.0	1966	1951	1929	1907	1897
7.5	1960	1944	1926	1910	1901
10.0	1944	1935	1922	1910	1907
12.5	1926	1916	1913	1910	1907
15.0	1897	1894	1901	1907	1910
17.5	1866	1866	1885	1901	1910
20.0	1828	1835	1866	1894	1904
22.5	1782	1797	1841	1882	1894
25.0	1735	1756	1813	1866	1885
27.5	1681	1706	1778	1844	1869
30.0	1619	1653	1741	1822	1850
32.5	1553	1597	1697	1788	1825
35.0	1484	1534	1644	1753	1797
37.5	1415	1472	1594	1716	1763
40.0	1340	1403	1537	1672	1725
42.5	1268	1337	1481	1628	1684
45.0	1196	1268	1421	1581	1641
47.5	1121	1196	1359	1528	1597
50.0	1046	1124	1296	1478	1550
52.5	971	1049	1234	1425	1500
55.0	902	977	1168	1371	1447
57.5	823	905	1102	1312	1390
60.0	755	836	1036	1249	1334
62.5	683	764	971	1187	1268
65.0	617	695	908	1118	1199
67.5	548	629	839	1052	1137
70.0	479	560	770	986	1090
72.5	410	492	701	930	1046
75.0	344	426	636	855	955
77.5	276	363	573	783	880
80.0	213	297	495	648	676
82.5	153	232	385	460	479
85.0	94	153	244	276	288
87.5	44	63	106	138	160
90.0	0	0	0	0	0

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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	721.33	N.A.	11.00
0-30	1556.00	N.A.	23.80
0-40	2584.61	N.A.	39.50
0-60	4730.54	N.A.	72.20
0-80	6303.53	N.A.	96.30
0-90	6548.95	N.A.	100.00
10-90	6364.98	N.A.	97.20
20-40	1863.28	N.A.	28.50
20-50	2960.6	N.A.	45.20
40-70	3045.17	N.A.	46.50
60-80	1572.99	N.A.	24.00
70-80	673.75	N.A.	10.30
80-90	245.42	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	6548.95	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	183.98
10-20	537.36
20-30	834.66
30-40	1028.61
40-50	1097.33
50-60	1048.6
60-70	899.24
70-80	673.75
80-90	245.42
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

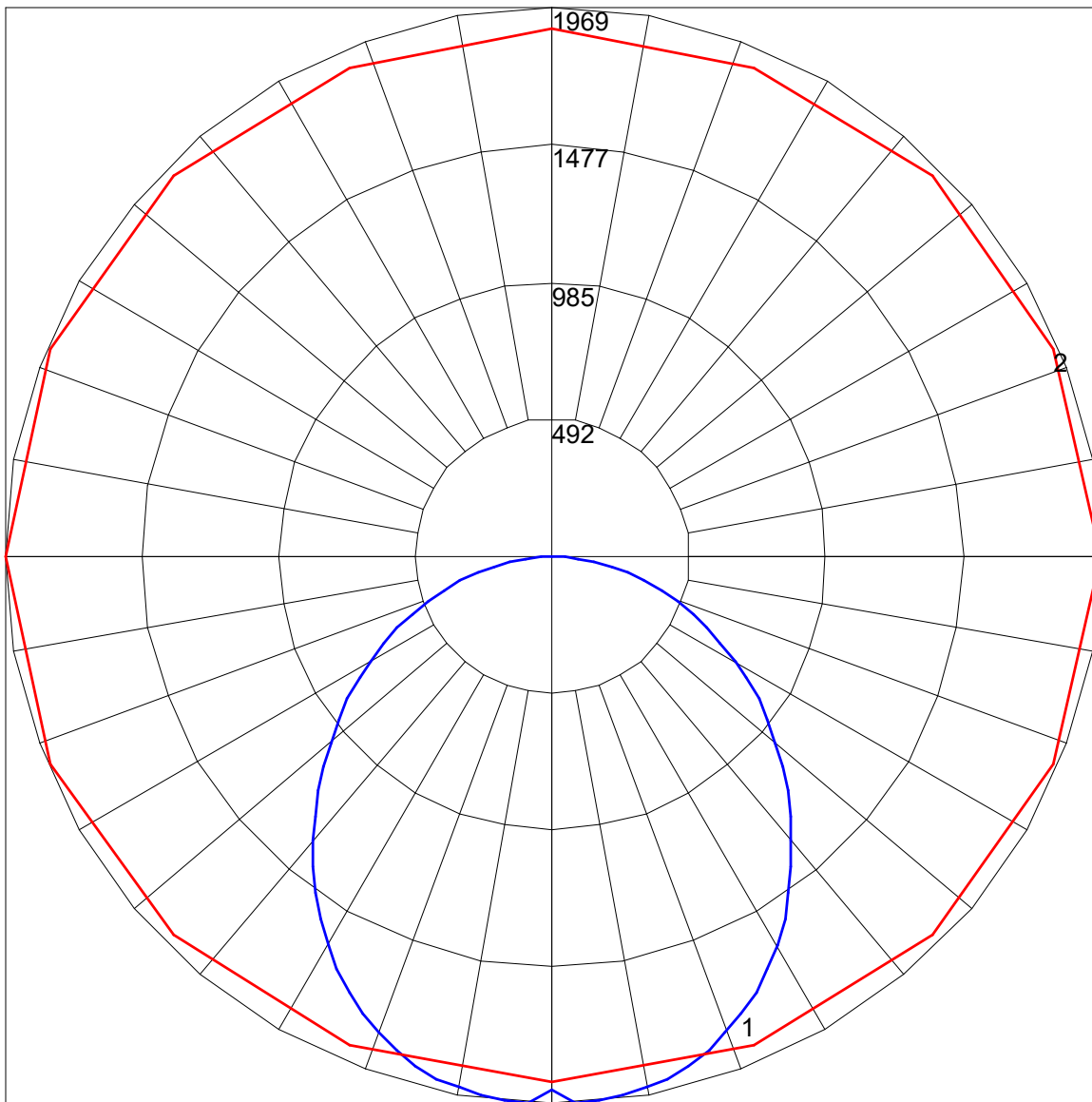
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**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

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 = 1969 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.)