



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LPASC22-LED-75L-35.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-75L-35

[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	7380
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	117
Total Luminaire Watts	63
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	5234	6220	7179
55	4863	6299	7802
65	4515	6645	8776
75	4116	7595	11413
85	3339	8662	10237

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**CANDELA TABULATION**

	<u><b>0.0</b></u>	<u><b>22.5</b></u>	<u><b>45.0</b></u>	<u><b>67.5</b></u>	<u><b>90.0</b></u>
<b>0.0</b>	2170	2170	2170	2170	2170
<b>2.5</b>	2219	2202	2173	2145	2135
<b>5.0</b>	2216	2198	2173	2149	2138
<b>7.5</b>	2209	2191	2170	2152	2142
<b>10.0</b>	2191	2180	2166	2152	2149
<b>12.5</b>	2170	2159	2156	2152	2149
<b>15.0</b>	2138	2135	2142	2149	2152
<b>17.5</b>	2103	2103	2124	2142	2152
<b>20.0</b>	2060	2068	2103	2135	2145
<b>22.5</b>	2008	2025	2075	2120	2135
<b>25.0</b>	1955	1979	2043	2103	2124
<b>27.5</b>	1895	1923	2004	2078	2106
<b>30.0</b>	1824	1863	1962	2053	2085
<b>32.5</b>	1750	1799	1912	2015	2057
<b>35.0</b>	1672	1729	1852	1976	2025
<b>37.5</b>	1595	1658	1796	1933	1986
<b>40.0</b>	1510	1581	1732	1884	1944
<b>42.5</b>	1429	1507	1669	1835	1898
<b>45.0</b>	1348	1429	1602	1782	1849
<b>47.5</b>	1263	1348	1531	1722	1799
<b>50.0</b>	1178	1267	1461	1665	1746
<b>52.5</b>	1094	1182	1390	1605	1690
<b>55.0</b>	1016	1101	1316	1545	1630
<b>57.5</b>	928	1020	1242	1478	1567
<b>60.0</b>	850	942	1168	1408	1503
<b>62.5</b>	769	861	1094	1337	1429
<b>65.0</b>	695	783	1023	1260	1351
<b>67.5</b>	617	709	946	1185	1281
<b>70.0</b>	540	632	868	1111	1228
<b>72.5</b>	462	554	790	1048	1178
<b>75.0</b>	388	480	716	963	1076
<b>77.5</b>	310	409	646	882	991
<b>80.0</b>	240	335	557	730	762
<b>82.5</b>	173	261	434	519	540
<b>85.0</b>	106	173	275	310	325
<b>87.5</b>	49	71	120	155	180
<b>90.0</b>	0	0	0	0	0

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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	812.85	N.A.	11.00
0-30	1753.47	N.A.	23.80
0-40	2912.5	N.A.	39.50
0-60	5330.69	N.A.	72.20
0-80	7103.05	N.A.	96.30
0-90	7379.61	N.A.	100.00
10-90	7172.3	N.A.	97.20
20-40	2099.65	N.A.	28.50
20-50	3336.29	N.A.	45.20
40-70	3431.48	N.A.	46.50
60-80	1772.35	N.A.	24.00
70-80	759.07	N.A.	10.30
80-90	276.56	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	7379.61	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	207.30
10-20	605.55
20-30	940.62
30-40	1159.03
40-50	1236.64
50-60	1181.55
60-70	1013.29
70-80	759.07
80-90	276.56
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

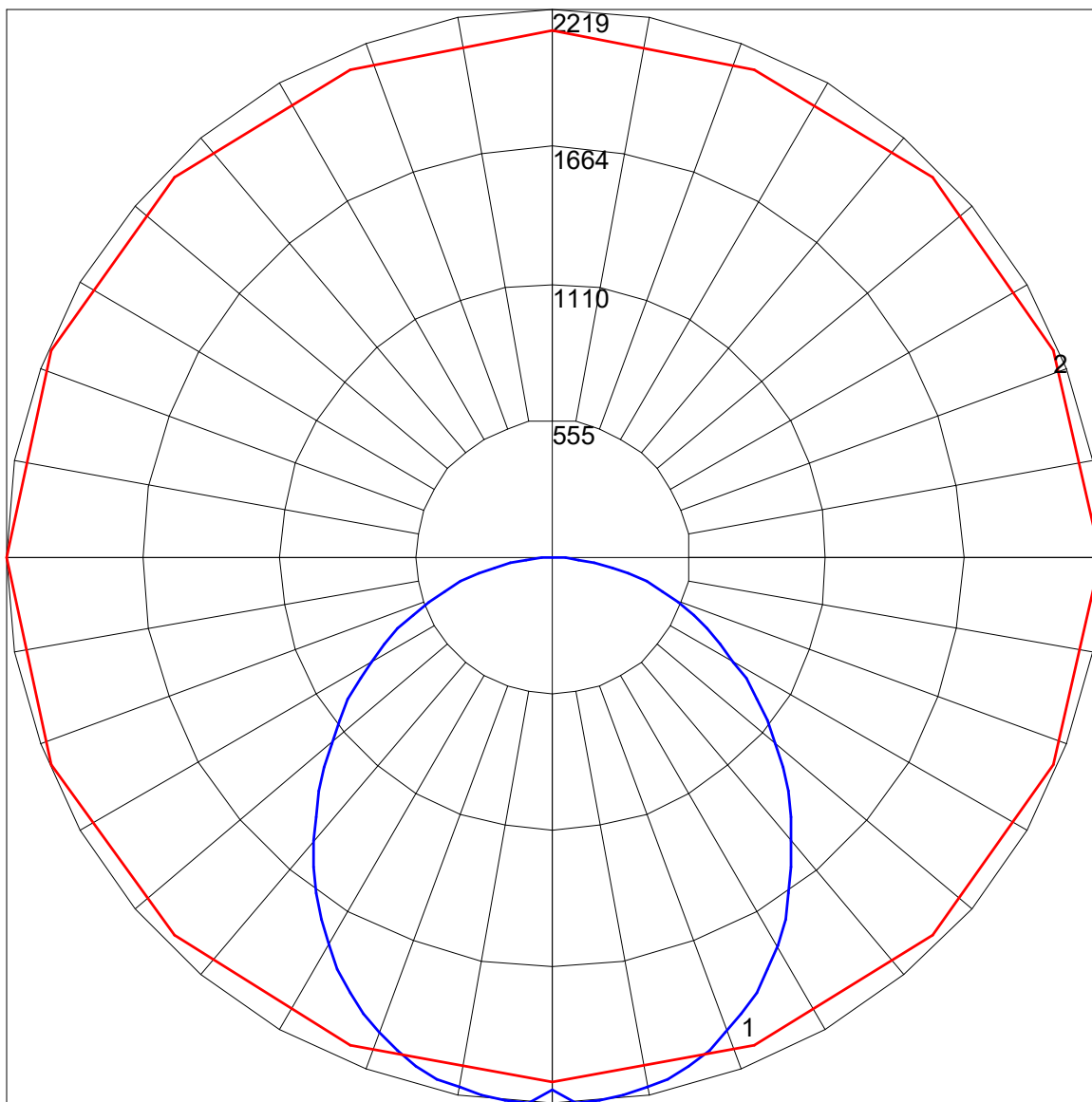
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**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

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 = 2219 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.)