



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LPEC22-LED-75L-35.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
[TEST]LED-8833\_Scaled  
[TESTLAB]LSI INDUSTRIES, INC  
[ISSUE DATE]07/10/17  
[TEST DATE]04/26/17  
[MANUFACTURER]LSI INDUSTRIES, INC  
[LUMEN CATEGORY]LPEC22-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	7767
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	129
Total Luminaire Watts	60
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.46
Spacing Criterion (Diagonal)	1.48
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	2.00 ft
Luminous Width (90-270)	2.00 ft
Luminous Height	0.00 ft

**LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	5467	6575	7580
55	5014	6721	8339
65	4537	6829	9317
75	3863	7209	11231
85	2957	7806	12892

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LPEC22-LED-75L-35.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>	2265.995	2265.995	2265.995	2265.995	2265.995
<b>2.5</b>	2308.170	2292.834	2265.995	2246.824	2235.321
<b>5.0</b>	2308.170	2289.000	2269.829	2246.824	2235.321
<b>7.5</b>	2296.668	2281.331	2262.160	2250.658	2239.155
<b>10.0</b>	2281.331	2269.829	2258.326	2250.658	2246.824
<b>12.5</b>	2258.326	2250.658	2246.824	2242.990	2246.824
<b>15.0</b>	2235.321	2235.321	2239.155	2246.824	2242.990
<b>17.5</b>	2200.814	2204.648	2219.984	2235.321	2239.155
<b>20.0</b>	2162.472	2173.974	2200.814	2231.487	2239.155
<b>22.5</b>	2116.462	2131.799	2173.974	2216.150	2227.653
<b>25.0</b>	2066.618	2085.789	2143.301	2200.814	2219.984
<b>27.5</b>	2005.271	2035.944	2112.628	2185.477	2208.482
<b>30.0</b>	1936.256	1974.598	2066.618	2158.638	2189.311
<b>32.5</b>	1863.407	1909.417	2024.442	2127.964	2170.140
<b>35.0</b>	1790.557	1844.236	1974.598	2101.125	2143.301
<b>37.5</b>	1706.206	1767.552	1917.085	2058.949	2112.628
<b>40.0</b>	1618.020	1690.869	1859.572	2016.773	2074.286
<b>42.5</b>	1529.834	1610.351	1798.226	1970.763	2032.110
<b>45.0</b>	1437.814	1526.000	1729.211	1917.085	1993.768
<b>47.5</b>	1353.462	1437.814	1660.196	1867.241	1947.758
<b>50.0</b>	1261.442	1349.628	1583.512	1809.728	1894.080
<b>52.5</b>	1165.588	1261.442	1510.663	1752.216	1832.733
<b>55.0</b>	1069.733	1173.256	1433.980	1683.201	1779.055
<b>57.5</b>	981.548	1081.236	1345.794	1610.351	1713.874
<b>60.0</b>	885.693	985.382	1261.442	1529.834	1633.356
<b>62.5</b>	801.342	897.196	1173.256	1456.985	1556.673
<b>65.0</b>	713.156	801.342	1073.568	1364.965	1464.653
<b>67.5</b>	624.970	709.321	985.382	1272.944	1384.135
<b>70.0</b>	536.784	617.301	885.693	1180.924	1288.281
<b>72.5</b>	456.266	529.115	789.839	1085.070	1196.261
<b>75.0</b>	371.914	444.764	693.985	977.713	1081.236
<b>77.5</b>	295.231	360.412	590.462	855.020	962.377
<b>80.0</b>	226.216	283.729	486.940	728.492	816.678
<b>82.5</b>	161.035	203.211	371.914	567.457	640.306
<b>85.0</b>	95.854	130.362	253.055	379.583	417.925
<b>87.5</b>	42.176	53.678	115.025	161.035	164.869
<b>90.0</b>	0.000	0.000	0.000	0.000	0.000

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LPEC22-LED-75L-35.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	848.98	N.A.	10.90
0-30	1837.81	N.A.	23.70
0-40	3070.26	N.A.	39.50
0-60	5675.79	N.A.	73.10
0-80	7494.95	N.A.	96.50
0-90	7767.49	N.A.	100.00
10-90	7551.2	N.A.	97.20
20-40	2221.29	N.A.	28.60
20-50	3551.00	N.A.	45.70
40-70	3677.97	N.A.	47.40
60-80	1819.17	N.A.	23.40
70-80	746.72	N.A.	9.60
80-90	272.54	N.A.	3.50
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	7767.49	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	216.30
10-20	632.68
20-30	988.83
30-40	1232.46
40-50	1329.71
50-60	1275.81
60-70	1072.45
70-80	746.72
80-90	272.54
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

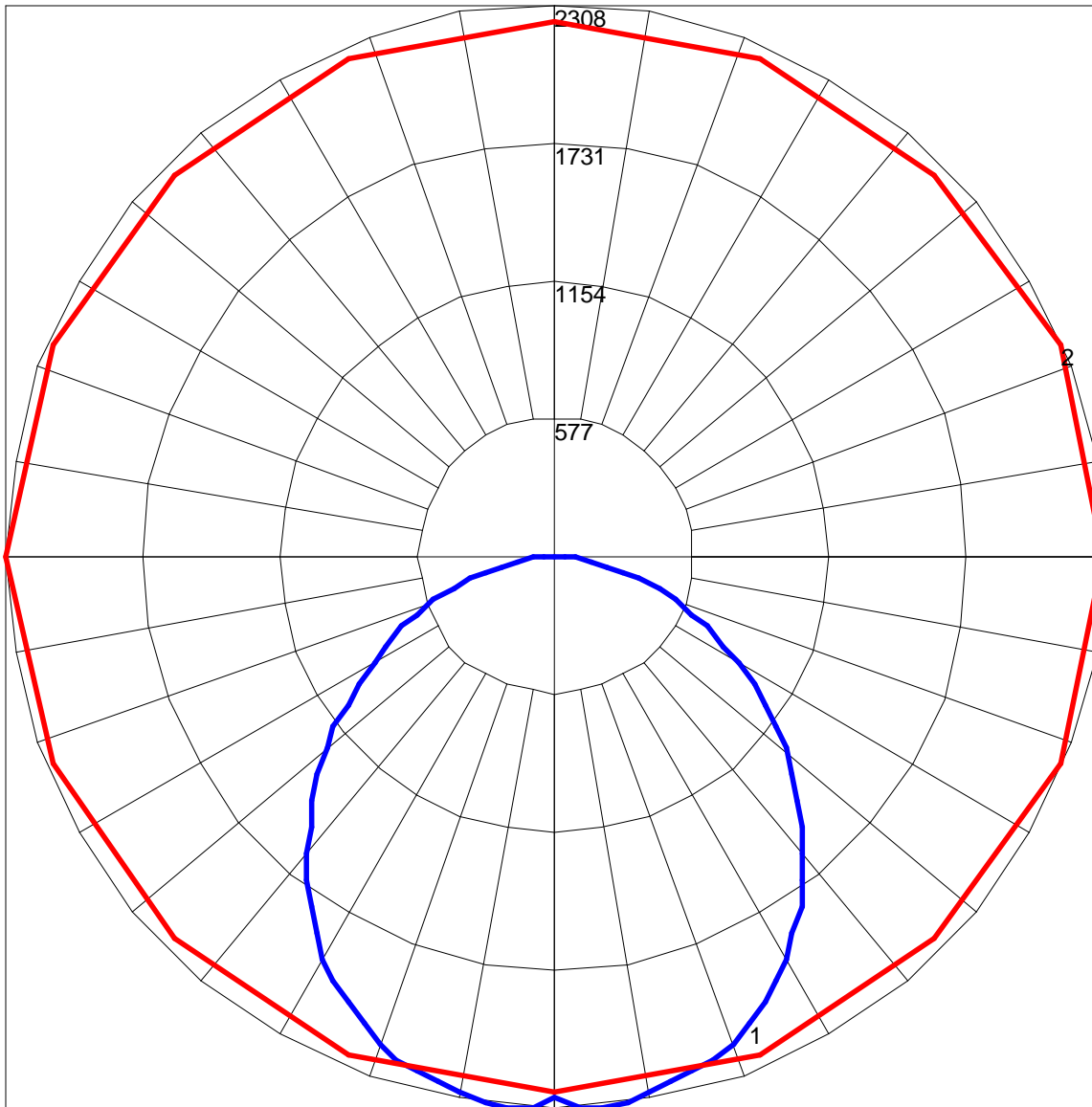
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LPEC22-LED-75L-35.IES**

**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	105	100	95	91	95	92	88	91	88	86	88	85	83	81
2	97	88	80	74	94	86	79	73	82	76	71	79	74	70	76	72	68	66
3	88	76	68	61	85	75	67	60	72	65	59	69	63	58	66	61	57	55
4	80	67	58	51	78	66	57	50	63	56	50	61	54	49	59	53	48	46
5	73	60	50	43	71	59	50	43	56	49	43	54	47	42	53	46	42	39
6	68	54	44	37	66	53	44	37	51	43	37	49	42	37	47	41	36	34
7	63	48	39	33	61	48	39	33	46	38	32	45	37	32	43	37	32	30
8	58	44	35	29	57	43	35	29	42	34	29	41	34	29	40	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	50	37	29	24	36	28	23	35	28	23	34	28	23	21

POLAR GRAPH



Maximum Candela = 2308.17 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.)