

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-4-L15-950-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.02

[TESTLAB] UL, LLC

[ISSUEDATE] 2026-05-13

[TESTDATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX4x-4-L15-950-DMA-DIM-UNV_

[LUMINAIRE] Nominal 4" x 4' suspended linear fixture (CRS construction

[MORE]) with diffused acrylic shielding

[OTHER] This test was performed using the calibrated photodetector method

[MORE] of absolute photometry.

[OTHER] The reported results were measured in a facility that meets the

[MORE] requirements of ANSI/IES LM-75-19. The device under test emits no

[MORE] detectable uplight as defined by ANSI/IES LM-75-19.

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5344
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	104
Total Luminaire Watts	51.2
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.08
Spacing Criterion (Diagonal)	1.22
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	0.40 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	13034	11556	10230
55	11409	9861	8376
65	9708	8111	6739
75	7794	6091	4961
85	5047	3129	2394

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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	2475.153	2475.153	2475.153	2475.153	2475.153
0.5	2487.253	2469.775	2475.825	2473.808	2472.464
1.0	2486.581	2469.103	2475.153	2473.136	2471.791
1.5	2485.908	2467.758	2474.480	2471.791	2470.447
2.0	2484.564	2467.086	2472.464	2469.103	2469.775
2.5	2483.892	2465.741	2471.119	2467.758	2467.086
3.0	2481.875	2463.725	2469.103	2464.397	2463.725
3.5	2480.530	2461.708	2466.414	2461.708	2460.364
4.0	2477.169	2459.019	2463.725	2458.347	2456.330
4.5	2475.825	2456.330	2460.364	2454.313	2451.625
5.0	2472.464	2453.641	2456.330	2450.280	2447.591
5.5	2471.119	2449.608	2452.297	2444.902	2441.541
6.0	2465.069	2446.247	2447.591	2439.524	2436.163
6.5	2461.708	2442.886	2442.213	2433.474	2429.441
7.0	2457.675	2438.180	2437.508	2427.424	2423.391
7.5	2453.641	2433.474	2431.458	2420.702	2415.996
8.0	2448.936	2428.097	2426.080	2413.307	2407.930
8.5	2444.230	2423.391	2420.030	2405.241	2399.863
9.0	2438.852	2418.013	2412.635	2397.174	2391.796
9.5	2432.802	2411.291	2405.913	2388.435	2382.385
10.0	2428.097	2405.241	2397.846	2380.368	2373.646
10.5	2420.702	2398.518	2390.452	2371.629	2364.235
11.0	2413.980	2391.796	2381.713	2361.546	2354.823
11.5	2407.257	2384.402	2372.974	2351.462	2343.395
12.0	2399.863	2377.007	2364.235	2340.707	2332.640
12.5	2391.124	2368.268	2354.823	2329.951	2320.540
13.0	2383.729	2360.201	2344.740	2318.523	2309.112
13.5	2376.335	2351.462	2334.656	2307.095	2297.684
14.0	2366.924	2342.723	2324.573	2294.323	2284.239
14.5	2358.857	2332.640	2313.145	2282.222	2271.467
15.0	2349.446	2323.229	2301.717	2269.450	2258.022
15.5	2340.034	2313.145	2290.289	2256.005	2244.578
16.0	2329.951	2303.062	2278.189	2242.561	2229.789
16.5	2320.540	2292.978	2266.089	2228.444	2215.672
17.0	2309.784	2281.550	2253.317	2214.327	2200.210
17.5	2299.700	2270.122	2241.216	2199.538	2184.749
18.0	2288.273	2259.367	2227.772	2184.749	2169.288
18.5	2278.189	2247.267	2214.327	2169.288	2152.482
19.0	2266.089	2235.166	2200.210	2153.154	2135.676
19.5	2254.661	2223.066	2186.094	2137.693	2118.870
20.0	2242.561	2210.294	2171.304	2121.559	2102.065
20.5	2230.461	2197.521	2156.515	2104.754	2084.587
21.0	2217.688	2184.749	2141.726	2087.948	2066.437
21.5	2205.588	2170.632	2126.265	2070.470	2048.959
22.0	2192.144	2157.188	2110.131	2052.992	2031.481
22.5	2178.699	2143.071	2093.998	2035.514	2012.658
23.0	2165.927	2129.626	2078.537	2016.691	1993.836
23.5	2152.482	2114.837	2061.731	1998.541	1975.013
24.0	2138.365	2100.048	2044.925	1980.391	1955.518
24.5	2124.248	2085.259	2027.447	1961.569	1936.696
25.0	2109.459	2070.470	2010.641	1942.746	1917.201
25.5	2093.998	2054.336	1993.163	1923.251	1896.362
26.0	2079.209	2038.875	1974.341	1903.757	1876.195
26.5	2064.420	2022.742	1956.863	1884.262	1855.356

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CANDELA TABULATION - (Cont.)

27.0	2048.286	2006.608	1938.040	1864.095	1835.189
27.5	2031.481	1989.802	1919.890	1843.928	1815.022
28.0	2016.019	1973.669	1901.068	1823.089	1793.511
28.5	1999.886	1956.863	1882.918	1802.922	1772.672
29.0	1983.752	1940.057	1864.095	1782.083	1752.505
29.5	1964.930	1922.579	1844.600	1761.244	1730.993
30.0	1946.779	1904.429	1825.106	1740.405	1710.154
30.5	1929.974	1886.951	1806.283	1720.238	1688.643
31.0	1912.496	1869.473	1786.789	1699.399	1667.132
31.5	1895.690	1851.323	1767.294	1677.887	1645.620
32.0	1876.868	1833.173	1747.127	1657.048	1624.781
32.5	1859.390	1814.350	1727.632	1635.537	1602.597
33.0	1841.239	1796.200	1706.793	1614.698	1581.758
33.5	1823.089	1777.377	1687.971	1593.186	1558.902
34.0	1805.611	1758.555	1667.132	1572.347	1538.063
34.5	1787.461	1740.405	1646.965	1551.508	1517.224
35.0	1769.311	1720.910	1626.126	1529.997	1495.713
35.5	1750.488	1701.415	1605.959	1509.830	1473.529
36.0	1733.010	1682.593	1585.792	1488.318	1453.362
36.5	1714.188	1663.098	1564.953	1467.479	1431.851
37.0	1694.693	1643.604	1545.458	1446.640	1411.684
37.5	1675.871	1624.109	1525.291	1425.129	1390.173
38.0	1657.048	1603.942	1504.452	1404.289	1368.661
38.5	1637.553	1585.119	1484.285	1383.450	1347.822
39.0	1617.387	1564.953	1464.118	1362.611	1326.983
39.5	1598.564	1545.458	1443.279	1341.772	1306.144
40.0	1579.069	1525.291	1423.112	1322.277	1285.977
40.5	1558.230	1505.796	1402.273	1301.438	1264.466
41.0	1538.736	1485.629	1382.106	1280.599	1242.282
41.5	1519.241	1466.135	1361.939	1259.760	1221.443
42.0	1498.402	1445.968	1341.772	1238.249	1199.931
42.5	1476.890	1425.129	1321.605	1218.082	1179.092
43.0	1456.723	1404.962	1301.438	1195.898	1158.253
43.5	1437.229	1385.467	1281.271	1175.059	1138.758
44.0	1415.717	1365.300	1261.104	1155.564	1118.592
44.5	1395.550	1345.133	1238.921	1135.397	1098.425
45.0	1374.711	1325.639	1218.754	1115.903	1078.930
45.5	1353.872	1304.799	1197.915	1096.408	1058.763
46.0	1333.705	1285.305	1178.420	1076.913	1039.268
46.5	1313.538	1265.138	1158.925	1058.091	1020.446
47.0	1292.699	1244.971	1139.431	1038.596	1000.951
47.5	1271.860	1223.459	1120.608	1019.774	982.129
48.0	1251.693	1202.620	1101.786	1000.951	962.634
48.5	1230.854	1183.126	1082.291	982.129	943.812
49.0	1208.670	1162.959	1063.469	963.306	925.661
49.5	1189.176	1144.136	1045.318	944.484	907.511
50.0	1169.009	1124.642	1026.496	926.334	889.361
50.5	1150.186	1105.147	1007.673	908.183	871.211
51.0	1130.019	1086.324	988.851	889.361	853.060
51.5	1110.525	1066.830	970.701	871.883	835.582
52.0	1091.702	1047.335	951.878	853.733	818.104
52.5	1072.208	1028.513	933.728	836.255	801.299
53.0	1052.713	1009.690	915.578	818.777	784.493
53.5	1033.218	990.868	898.100	801.299	767.015
54.0	1014.396	972.045	879.277	784.493	750.209
54.5	994.901	953.895	861.799	767.015	733.403

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55.0	976.079	935.073	843.649	750.881	716.598
55.5	956.584	916.922	826.171	733.403	700.464
56.0	937.089	898.100	808.693	717.270	684.331
56.5	918.267	879.950	791.215	701.136	669.205
57.0	898.772	861.799	773.065	685.003	653.274
57.5	879.950	844.321	756.259	668.869	637.745
58.0	861.127	826.171	738.781	653.005	622.485
58.5	842.305	808.021	721.303	637.342	607.226
59.0	823.482	790.543	704.498	621.948	592.101
59.5	804.660	773.065	687.692	606.554	577.379
60.0	786.510	755.587	670.752	591.092	562.724
60.5	768.359	738.109	654.349	576.034	548.070
61.0	750.209	721.303	637.611	561.111	533.684
61.5	732.731	703.825	621.343	546.053	519.500
62.0	714.581	686.347	604.940	531.667	505.786
62.5	697.103	669.743	589.076	517.214	491.804
63.0	679.625	653.139	573.278	502.828	478.090
63.5	662.483	636.535	557.481	488.308	464.242
64.0	645.812	620.065	542.087	474.326	450.932
64.5	628.603	603.596	526.558	460.411	437.689
65.0	611.931	587.462	511.299	446.495	424.782
65.5	595.395	571.127	495.904	432.849	411.607
66.0	578.925	554.926	481.048	419.539	398.700
66.5	562.590	538.927	466.125	406.027	385.659
67.0	546.053	523.063	451.403	392.650	373.155
67.5	529.516	507.198	436.883	379.743	360.652
68.0	513.651	491.602	422.228	366.769	348.014
68.5	497.451	476.141	407.909	353.997	335.846
69.0	481.384	460.680	393.725	341.291	323.746
69.5	465.789	445.285	379.877	328.721	311.982
70.0	449.991	429.959	365.761	316.419	300.084
70.5	434.395	414.901	351.913	304.184	288.589
71.0	418.800	399.977	338.468	292.286	276.959
71.5	403.540	384.919	325.023	280.455	265.733
72.0	388.348	370.265	311.713	268.691	254.506
72.5	373.222	355.744	298.470	257.195	243.616
73.0	358.501	341.426	285.496	245.633	232.928
73.5	343.779	326.906	272.724	234.608	222.239
74.0	329.326	312.654	260.086	223.517	211.618
74.5	315.007	298.672	247.582	212.761	201.535
75.0	300.890	284.891	235.146	201.938	191.518
75.5	287.042	271.379	223.113	191.653	181.569
76.0	273.531	258.002	211.349	181.368	171.957
76.5	259.952	244.625	199.585	171.486	162.545
77.0	247.112	231.583	188.292	161.604	153.201
77.5	234.071	218.744	177.066	152.059	144.059
78.0	221.097	206.106	165.974	142.715	135.387
78.5	208.257	193.602	155.352	133.639	126.581
79.0	196.022	181.569	144.933	124.699	118.111
79.5	183.989	169.335	134.782	115.758	109.842
80.0	172.024	157.638	124.699	107.355	101.843
80.5	160.125	146.008	114.884	99.020	93.911
81.0	148.630	134.715	105.473	91.087	86.382
81.5	137.269	123.758	96.263	83.222	78.920
82.0	126.312	112.666	87.524	75.559	71.525
82.5	115.624	102.179	78.920	68.097	64.467

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CANDELA TABULATION - (Cont.)

83.0	105.070	91.827	70.584	60.837	57.274
83.5	94.650	81.945	62.719	53.711	50.417
84.0	84.701	72.265	55.056	46.720	43.762
84.5	74.886	63.122	47.728	40.065	37.376
85.0	65.610	54.316	40.670	33.813	31.124
85.5	56.602	45.846	33.948	27.427	24.402
86.0	48.132	37.779	27.898	20.839	17.007
86.5	39.729	30.519	22.049	13.176	10.487
87.0	31.998	23.663	15.730	8.336	7.462
87.5	24.805	17.612	9.075	6.386	5.848
88.0	18.150	12.033	5.714	4.907	4.571
88.5	12.503	6.722	4.235	3.563	3.159
89.0	7.865	3.361	2.823	2.286	2.017
89.5	3.899	1.815	1.546	1.143	1.008
90.0	0.000	0.000	0.000	0.000	0.000
90.5	0.000	0.000	0.000	0.000	0.000
91.0	0.000	0.000	0.000	0.000	0.000
91.5	0.000	0.000	0.000	0.000	0.000
92.0	0.000	0.000	0.000	0.000	0.000
92.5	0.000	0.000	0.000	0.000	0.000
93.0	0.000	0.000	0.000	0.000	0.000
93.5	0.000	0.000	0.000	0.000	0.000
94.0	0.000	0.000	0.000	0.000	0.000
94.5	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000
95.5	0.000	0.000	0.000	0.000	0.000
96.0	0.000	0.000	0.000	0.000	0.000
96.5	0.000	0.000	0.000	0.000	0.000
97.0	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000
98.0	0.000	0.000	0.000	0.000	0.000
98.5	0.000	0.000	0.000	0.000	0.000
99.0	0.000	0.000	0.000	0.000	0.000
99.5	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000
100.5	0.000	0.000	0.000	0.000	0.000
101.0	0.000	0.000	0.000	0.000	0.000
101.5	0.000	0.000	0.000	0.000	0.000
102.0	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000
103.0	0.000	0.000	0.000	0.000	0.000
103.5	0.000	0.000	0.000	0.000	0.000
104.0	0.000	0.000	0.000	0.000	0.000
104.5	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000
105.5	0.000	0.000	0.000	0.000	0.000
106.0	0.000	0.000	0.000	0.000	0.000
106.5	0.000	0.000	0.000	0.000	0.000
107.0	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000
108.0	0.000	0.000	0.000	0.000	0.000
108.5	0.000	0.000	0.000	0.000	0.000
109.0	0.000	0.000	0.000	0.000	0.000
109.5	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000
110.5	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

111.0	0.000	0.000	0.000	0.000	0.000
111.5	0.000	0.000	0.000	0.000	0.000
112.0	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000
113.0	0.000	0.000	0.000	0.000	0.000
113.5	0.000	0.000	0.000	0.000	0.000
114.0	0.000	0.000	0.000	0.000	0.000
114.5	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000
115.5	0.000	0.000	0.000	0.000	0.000
116.0	0.000	0.000	0.000	0.000	0.000
116.5	0.000	0.000	0.000	0.000	0.000
117.0	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000
118.0	0.000	0.000	0.000	0.000	0.000
118.5	0.000	0.000	0.000	0.000	0.000
119.0	0.000	0.000	0.000	0.000	0.000
119.5	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000
120.5	0.000	0.000	0.000	0.000	0.000
121.0	0.000	0.000	0.000	0.000	0.000
121.5	0.000	0.000	0.000	0.000	0.000
122.0	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000
123.0	0.000	0.000	0.000	0.000	0.000
123.5	0.000	0.000	0.000	0.000	0.000
124.0	0.000	0.000	0.000	0.000	0.000
124.5	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000
125.5	0.000	0.000	0.000	0.000	0.000
126.0	0.000	0.000	0.000	0.000	0.000
126.5	0.000	0.000	0.000	0.000	0.000
127.0	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000
128.0	0.000	0.000	0.000	0.000	0.000
128.5	0.000	0.000	0.000	0.000	0.000
129.0	0.000	0.000	0.000	0.000	0.000
129.5	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000
130.5	0.000	0.000	0.000	0.000	0.000
131.0	0.000	0.000	0.000	0.000	0.000
131.5	0.000	0.000	0.000	0.000	0.000
132.0	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000
133.0	0.000	0.000	0.000	0.000	0.000
133.5	0.000	0.000	0.000	0.000	0.000
134.0	0.000	0.000	0.000	0.000	0.000
134.5	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000
135.5	0.000	0.000	0.000	0.000	0.000
136.0	0.000	0.000	0.000	0.000	0.000
136.5	0.000	0.000	0.000	0.000	0.000
137.0	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000
138.0	0.000	0.000	0.000	0.000	0.000
138.5	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-4-L15-950-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

139.0	0.000	0.000	0.000	0.000	0.000
139.5	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000
140.5	0.000	0.000	0.000	0.000	0.000
141.0	0.000	0.000	0.000	0.000	0.000
141.5	0.000	0.000	0.000	0.000	0.000
142.0	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000
143.0	0.000	0.000	0.000	0.000	0.000
143.5	0.000	0.000	0.000	0.000	0.000
144.0	0.000	0.000	0.000	0.000	0.000
144.5	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000
145.5	0.000	0.000	0.000	0.000	0.000
146.0	0.000	0.000	0.000	0.000	0.000
146.5	0.000	0.000	0.000	0.000	0.000
147.0	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000
148.0	0.000	0.000	0.000	0.000	0.000
148.5	0.000	0.000	0.000	0.000	0.000
149.0	0.000	0.000	0.000	0.000	0.000
149.5	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000
150.5	0.000	0.000	0.000	0.000	0.000
151.0	0.000	0.000	0.000	0.000	0.000
151.5	0.000	0.000	0.000	0.000	0.000
152.0	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000
153.0	0.000	0.000	0.000	0.000	0.000
153.5	0.000	0.000	0.000	0.000	0.000
154.0	0.000	0.000	0.000	0.000	0.000
154.5	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000
155.5	0.000	0.000	0.000	0.000	0.000
156.0	0.000	0.000	0.000	0.000	0.000
156.5	0.000	0.000	0.000	0.000	0.000
157.0	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000
158.0	0.000	0.000	0.000	0.000	0.000
158.5	0.000	0.000	0.000	0.000	0.000
159.0	0.000	0.000	0.000	0.000	0.000
159.5	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000
160.5	0.000	0.000	0.000	0.000	0.000
161.0	0.000	0.000	0.000	0.000	0.000
161.5	0.000	0.000	0.000	0.000	0.000
162.0	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000
163.0	0.000	0.000	0.000	0.000	0.000
163.5	0.000	0.000	0.000	0.000	0.000
164.0	0.000	0.000	0.000	0.000	0.000
164.5	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000
165.5	0.000	0.000	0.000	0.000	0.000
166.0	0.000	0.000	0.000	0.000	0.000
166.5	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-4-L15-950-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000
168.0	0.000	0.000	0.000	0.000	0.000
168.5	0.000	0.000	0.000	0.000	0.000
169.0	0.000	0.000	0.000	0.000	0.000
169.5	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000
170.5	0.000	0.000	0.000	0.000	0.000
171.0	0.000	0.000	0.000	0.000	0.000
171.5	0.000	0.000	0.000	0.000	0.000
172.0	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000
173.0	0.000	0.000	0.000	0.000	0.000
173.5	0.000	0.000	0.000	0.000	0.000
174.0	0.000	0.000	0.000	0.000	0.000
174.5	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000
175.5	0.000	0.000	0.000	0.000	0.000
176.0	0.000	0.000	0.000	0.000	0.000
176.5	0.000	0.000	0.000	0.000	0.000
177.0	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000
178.0	0.000	0.000	0.000	0.000	0.000
178.5	0.000	0.000	0.000	0.000	0.000
179.0	0.000	0.000	0.000	0.000	0.000
179.5	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-4-L15-950-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	879.20	N.A.	16.50
0-30	1802.19	N.A.	33.70
0-40	2818.94	N.A.	52.80
0-60	4517.47	N.A.	84.50
0-80	5288.22	N.A.	99.00
0-90	5343.56	N.A.	100.00
10-90	5111.11	N.A.	95.60
20-40	1939.74	N.A.	36.30
20-50	2882.6	N.A.	53.90
40-70	2210.69	N.A.	41.40
60-80	770.76	N.A.	14.40
70-80	258.59	N.A.	4.80
80-90	55.34	N.A.	1.00
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	5343.56	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	232.45
10-20	646.74
20-30	923.00
30-40	1016.74
40-50	942.86
50-60	755.67
60-70	512.16
70-80	258.59
80-90	55.34
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 : LRX4X-4-L15-950-DMA-DIM-UNV_.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	110	106	102	98	107	103	100	97	99	96	94	95	93	91	92	90	88	86
2	101	93	87	82	98	91	86	81	88	83	79	85	81	77	82	78	75	73
3	93	83	75	69	90	81	74	69	78	72	67	76	71	66	73	69	65	63
4	85	74	66	60	83	73	65	59	70	64	58	68	62	58	66	61	57	55
5	79	67	58	52	77	66	58	52	64	57	51	62	56	51	60	54	50	48
6	73	61	52	46	71	60	52	46	58	51	45	56	50	45	55	49	45	43
7	68	55	47	41	66	54	47	41	53	46	41	51	45	40	50	44	40	38
8	64	51	43	37	62	50	42	37	49	42	37	47	41	36	46	41	36	34
9	60	47	39	34	58	46	39	33	45	38	33	44	38	33	43	37	33	31
10	56	43	36	31	55	43	35	31	42	35	30	41	35	30	40	34	30	28

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-4-L15-950-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

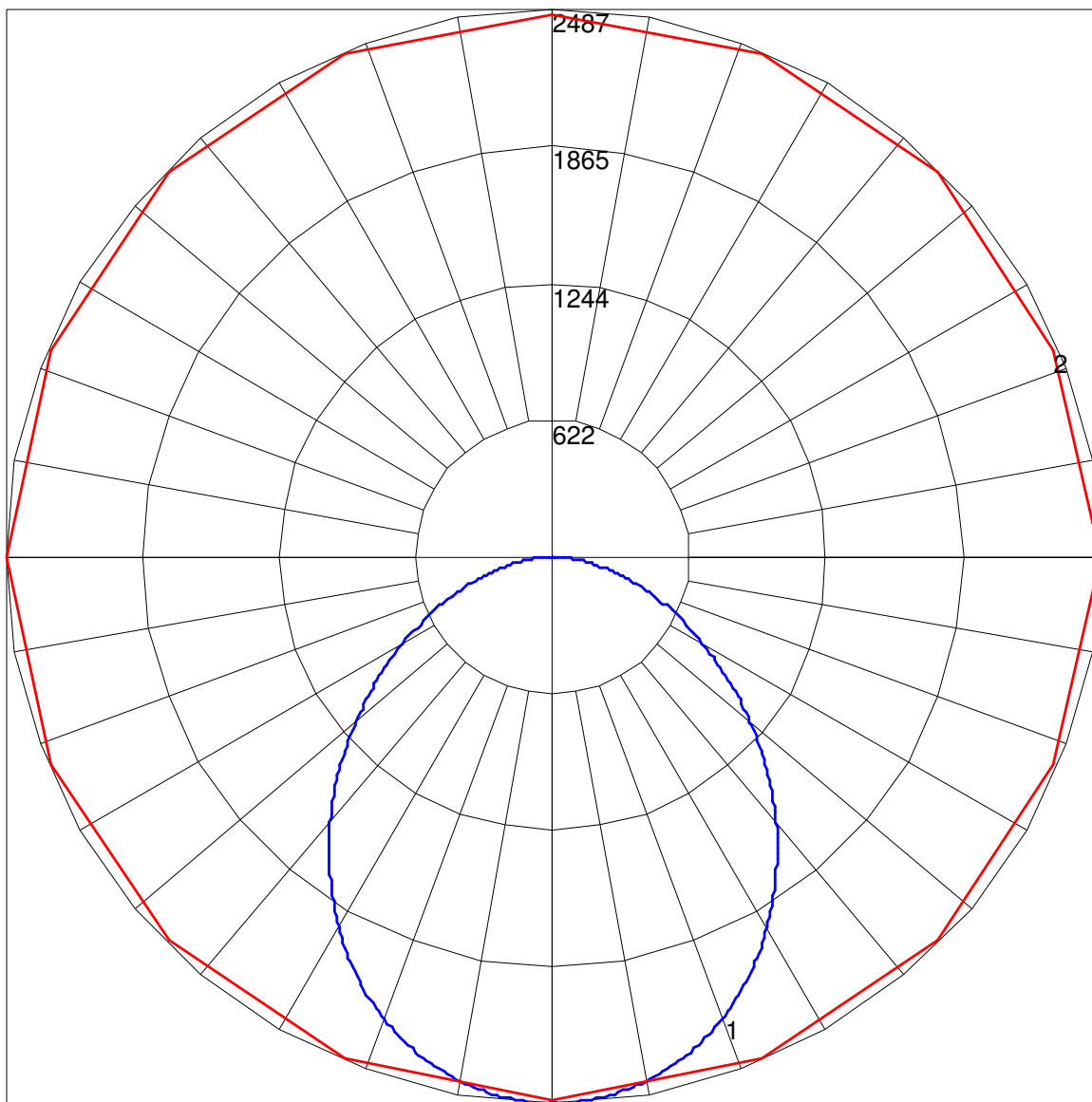
Reflectances

Ceiling Cavity	70	70	50	50	30	70	70	50	50	30
Walls	50	30	50	30	30	50	30	50	30	30
Floor Cavity	20	20	20	20	20	20	20	20	20	20

Room Size		UGR Viewed Crosswise					UGR Viewed Endwise				
X=2H	Y=2H	20.3	21.9	20.7	22.2	22.5	18.6	20.1	19.0	20.4	20.8
	3H	21.9	23.3	22.3	23.6	24.0	19.9	21.3	20.3	21.6	22.0
	4H	22.5	23.8	22.9	24.1	24.5	20.4	21.7	20.8	22.0	22.4
	6H	22.8	24.0	23.3	24.4	24.8	20.6	21.8	21.0	22.2	22.6
	8H	22.9	24.1	23.4	24.5	24.9	20.7	21.8	21.1	22.2	22.6
	12H	23.0	24.1	23.4	24.5	24.9	20.7	21.8	21.1	22.2	22.6
4H	2H	20.7	22.0	21.1	22.3	22.7	19.3	20.6	19.7	20.9	21.3
	3H	22.5	23.6	22.9	24.0	24.4	20.8	21.9	21.2	22.3	22.7
	4H	23.2	24.1	23.6	24.6	25.0	21.3	22.3	21.8	22.7	23.2
	6H	23.7	24.5	24.1	25.0	25.4	21.7	22.5	22.1	23.0	23.4
	8H	23.8	24.6	24.3	25.1	25.5	21.8	22.5	22.2	23.0	23.5
	12H	23.9	24.6	24.4	25.1	25.6	21.8	22.5	22.3	23.0	23.4
8H	4H	23.3	24.1	23.8	24.5	25.0	21.6	22.4	22.1	22.9	23.3
	6H	23.9	24.5	24.4	25.0	25.5	22.1	22.7	22.5	23.2	23.7
	8H	24.1	24.7	24.6	25.2	25.7	22.2	22.8	22.7	23.3	23.8
	12H	24.2	24.8	24.7	25.2	25.8	22.2	22.8	22.8	23.3	23.8
12H	4H	23.3	24.0	23.8	24.5	25.0	21.7	22.4	22.1	22.8	23.3
	6H	23.9	24.5	24.4	25.0	25.5	22.1	22.7	22.6	23.2	23.7
	8H	24.1	24.6	24.6	25.1	25.7	22.3	22.8	22.8	23.3	23.8

Maximum UGR = 25.8

POLAR GRAPH



Maximum Candela = 2487.253 Located At Horizontal Angle = 0, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)