

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-4-L16-927-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.01

[TESTLAB] UL, LLC

[ISSUE DATE] 2026-05-12

[TEST DATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX2x-4-L16-927-DMA-DIM-UNV_

[LUMINAIRE] Nominal 2" x 4' 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	5139
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	77
Total Luminaire Watts	66.4
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.04
Spacing Criterion (Diagonal)	1.20
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	0.23 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	21950	19003	16577
55	19398	16269	13461
65	16639	13093	10568
75	13350	9335	7252
85	8789	2782	1507

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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	2444.263	2444.263	2444.263	2444.263	2444.263
0.5	2448.073	2440.454	2446.549	2445.025	2438.168
1.0	2446.549	2439.692	2446.549	2444.263	2437.406
1.5	2445.787	2438.168	2444.263	2441.977	2435.120
2.0	2445.025	2437.406	2443.501	2440.454	2432.834
2.5	2443.501	2435.882	2441.215	2437.406	2430.548
3.0	2441.977	2434.358	2438.930	2434.358	2426.739
3.5	2439.692	2432.072	2435.120	2429.787	2422.929
4.0	2437.406	2429.025	2432.072	2425.977	2417.596
4.5	2435.120	2425.977	2427.501	2420.643	2411.500
5.0	2433.596	2422.929	2423.691	2414.548	2406.167
5.5	2429.025	2419.120	2418.358	2409.215	2400.071
6.0	2425.977	2415.310	2413.024	2402.357	2393.214
6.5	2422.167	2410.738	2407.691	2394.738	2385.595
7.0	2417.596	2405.405	2401.595	2387.881	2376.452
7.5	2413.024	2400.833	2394.738	2378.737	2367.309
8.0	2408.453	2395.500	2387.881	2370.356	2357.403
8.5	2403.119	2389.404	2380.261	2361.213	2349.022
9.0	2397.024	2383.309	2372.642	2351.308	2339.117
9.5	2391.690	2377.975	2364.261	2341.403	2327.688
10.0	2385.595	2371.118	2355.880	2330.736	2316.259
10.5	2380.261	2364.261	2346.736	2319.307	2304.069
11.0	2373.404	2356.642	2336.831	2307.878	2290.354
11.5	2367.309	2349.784	2326.926	2295.687	2278.925
12.0	2362.737	2342.927	2316.259	2283.496	2265.972
12.5	2352.832	2335.308	2305.592	2269.782	2253.019
13.0	2343.689	2326.164	2294.925	2256.829	2238.543
13.5	2336.069	2315.497	2283.496	2243.876	2224.066
14.0	2326.926	2305.592	2271.306	2229.400	2209.590
14.5	2317.783	2294.925	2259.115	2214.923	2194.351
15.0	2308.640	2285.020	2247.686	2200.446	2178.351
15.5	2299.497	2275.115	2235.495	2184.446	2162.350
16.0	2289.592	2264.448	2223.304	2169.207	2147.111
16.5	2280.449	2253.019	2209.590	2153.969	2130.349
17.0	2269.020	2241.590	2194.351	2137.206	2112.825
17.5	2258.353	2230.162	2179.874	2121.206	2096.062
18.0	2248.448	2217.971	2165.398	2104.444	2077.776
18.5	2236.257	2205.780	2150.159	2086.919	2060.252
19.0	2224.828	2193.589	2134.921	2070.919	2042.727
19.5	2214.161	2180.636	2119.682	2052.632	2022.917
20.0	2201.208	2167.684	2104.444	2034.346	2004.631
20.5	2189.779	2155.493	2089.205	2016.822	1986.345
21.0	2177.589	2141.778	2072.443	1999.298	1967.297
21.5	2164.636	2128.063	2055.680	1981.011	1948.248
22.0	2151.683	2114.349	2039.680	1961.963	1929.200
22.5	2138.730	2099.872	2023.679	1942.915	1910.152
23.0	2125.016	2086.157	2006.155	1923.867	1890.342
23.5	2112.063	2071.681	1988.631	1905.580	1870.532
24.0	2096.824	2056.442	1971.106	1885.770	1851.484
24.5	2083.110	2041.204	1952.820	1866.722	1831.674
25.0	2068.633	2025.965	1936.058	1846.912	1811.863
25.5	2054.156	2010.726	1917.771	1827.102	1791.291
26.0	2039.680	1993.964	1899.485	1808.054	1771.481
26.5	2024.441	1978.726	1881.199	1788.244	1750.909

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CANDELA TABULATION - (Cont.)

27.0	2008.441	1961.963	1862.913	1768.434	1731.099
27.5	1992.440	1945.963	1843.864	1748.623	1710.527
28.0	1974.916	1929.200	1825.578	1728.813	1689.955
28.5	1957.392	1912.438	1807.292	1709.765	1669.383
29.0	1941.391	1895.675	1787.482	1689.193	1648.811
29.5	1925.391	1878.151	1768.434	1668.621	1627.477
30.0	1907.866	1860.627	1750.147	1648.811	1608.429
30.5	1891.866	1843.864	1731.099	1628.239	1587.857
31.0	1874.341	1826.340	1712.051	1607.667	1568.047
31.5	1858.341	1808.054	1692.241	1587.857	1548.237
32.0	1840.817	1789.768	1673.193	1567.285	1527.664
32.5	1823.292	1771.481	1653.383	1545.951	1507.092
33.0	1806.530	1753.195	1634.334	1526.141	1487.282
33.5	1789.006	1735.671	1615.286	1507.092	1467.472
34.0	1770.719	1716.622	1595.476	1486.520	1446.900
34.5	1753.195	1698.336	1576.428	1466.710	1427.852
35.0	1734.909	1680.050	1556.618	1446.900	1406.518
35.5	1718.146	1661.002	1536.808	1427.090	1385.946
36.0	1699.860	1642.716	1517.759	1406.518	1363.850
36.5	1681.574	1623.667	1497.949	1385.946	1344.802
37.0	1664.049	1604.619	1478.139	1364.612	1324.992
37.5	1645.001	1585.571	1459.853	1344.802	1305.944
38.0	1625.191	1567.285	1440.043	1325.754	1286.133
38.5	1606.905	1547.475	1420.233	1306.706	1267.085
39.0	1589.381	1528.426	1398.899	1286.895	1248.037
39.5	1569.570	1509.378	1378.327	1267.847	1228.989
40.0	1551.284	1490.330	1358.517	1249.561	1209.941
40.5	1532.236	1471.282	1339.468	1229.751	1190.893
41.0	1511.664	1452.234	1320.420	1211.465	1171.844
41.5	1492.616	1432.424	1300.610	1192.416	1153.558
42.0	1472.806	1412.613	1282.324	1174.130	1134.510
42.5	1452.996	1392.041	1262.514	1155.082	1116.224
43.0	1433.947	1370.707	1244.989	1136.796	1097.175
43.5	1413.375	1351.659	1225.941	1118.509	1078.127
44.0	1392.041	1332.611	1206.893	1100.223	1059.079
44.5	1369.946	1312.801	1188.607	1081.937	1040.031
45.0	1350.897	1293.753	1169.559	1063.651	1020.221
45.5	1331.849	1274.705	1151.272	1045.364	1001.173
46.0	1312.039	1255.656	1132.224	1026.316	982.886
46.5	1292.229	1236.608	1113.938	1008.030	963.838
47.0	1272.419	1217.560	1096.414	988.982	945.552
47.5	1253.371	1198.512	1078.127	970.696	927.266
48.0	1233.561	1179.464	1059.841	951.647	908.979
48.5	1214.512	1161.177	1041.555	933.361	890.693
49.0	1195.464	1142.129	1024.030	915.075	872.407
49.5	1175.654	1123.081	1005.744	896.789	854.883
50.0	1157.368	1104.795	988.220	879.264	838.120
50.5	1138.320	1085.747	970.696	860.978	820.596
51.0	1119.271	1067.460	953.171	843.454	803.072
51.5	1100.223	1049.174	935.647	825.929	786.309
52.0	1081.175	1030.888	918.123	808.405	769.547
52.5	1062.889	1012.602	900.598	791.643	752.632
53.0	1043.841	995.077	883.074	774.118	735.641
53.5	1024.792	976.791	865.550	757.280	720.250
54.0	1005.744	958.505	848.025	740.441	703.564
54.5	987.458	940.218	829.739	723.907	687.563

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CANDELA TABULATION - (Cont.)

55.0	968.410	922.694	812.215	707.069	672.020
55.5	950.124	905.170	794.690	690.840	656.477
56.0	931.075	887.645	776.404	674.534	640.781
56.5	912.789	869.359	759.184	658.686	625.009
57.0	893.741	852.597	741.889	642.686	609.923
57.5	876.217	835.072	724.593	627.066	594.684
58.0	857.930	817.548	707.373	611.523	579.979
58.5	838.882	800.024	690.535	596.132	565.045
59.0	821.358	782.499	673.544	580.970	550.264
59.5	803.072	765.737	656.705	565.807	535.940
60.0	785.547	748.518	640.171	551.102	521.920
60.5	767.261	731.755	623.942	536.168	507.672
61.0	749.584	714.917	607.713	521.387	493.805
61.5	731.907	698.154	591.484	506.910	480.319
62.0	714.307	681.392	575.331	493.043	466.681
62.5	697.087	665.010	559.331	478.948	453.118
63.0	679.868	648.705	543.559	464.928	440.013
63.5	663.029	632.552	527.787	451.137	427.213
64.0	645.657	616.323	512.320	437.575	414.031
64.5	628.743	600.323	496.929	424.089	401.307
65.0	612.056	584.246	481.614	410.831	388.735
65.5	595.294	568.322	466.452	397.574	376.164
66.0	578.836	552.778	451.442	384.697	363.744
66.5	562.531	537.083	436.737	371.668	351.630
67.0	545.997	521.387	421.879	358.944	339.591
67.5	529.768	505.920	407.479	346.372	327.476
68.0	513.844	490.148	392.850	333.877	315.667
68.5	497.843	474.300	378.830	321.686	303.933
69.0	481.995	458.147	364.811	309.419	292.352
69.5	466.223	442.451	350.944	297.456	281.075
70.0	450.375	426.679	337.229	285.647	269.494
70.5	434.680	410.907	323.667	273.913	258.522
71.0	419.060	395.364	310.257	262.255	247.398
71.5	403.898	380.049	297.076	250.903	236.274
72.0	388.964	364.887	284.123	239.474	225.378
72.5	373.649	350.106	271.322	228.350	214.635
73.0	358.792	335.248	258.751	217.302	204.197
73.5	343.858	320.467	246.407	206.330	193.606
74.0	329.457	306.219	234.216	195.815	183.472
74.5	314.981	291.971	222.254	185.072	173.338
75.0	300.733	277.799	210.292	174.634	163.357
75.5	286.561	264.084	198.711	164.348	153.757
76.0	272.922	250.369	187.358	154.443	144.157
76.5	259.360	237.112	176.081	144.690	134.937
77.0	245.950	223.702	165.110	135.014	126.099
77.5	232.845	210.673	154.290	125.718	117.261
78.0	219.816	197.873	143.623	116.651	108.651
78.5	207.168	185.301	133.033	107.813	100.270
79.0	194.672	172.881	122.823	99.127	92.041
79.5	182.634	160.614	112.918	90.746	83.888
80.0	170.748	148.652	103.317	82.593	76.040
80.5	159.090	136.918	94.022	74.440	68.193
81.0	147.585	125.337	85.183	66.516	60.573
81.5	136.385	114.137	76.498	58.668	52.802
82.0	125.489	103.317	68.269	51.125	45.106
82.5	114.899	92.803	60.192	43.354	36.953

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CANDELA TABULATION - (Cont.)

83.0	104.613	82.593	52.268	35.430	28.191
83.5	94.631	72.688	44.649	26.667	18.820
84.0	84.955	63.316	37.182	17.753	14.553
84.5	75.659	54.325	29.639	13.562	12.877
85.0	66.669	45.792	21.105	11.886	11.429
85.5	58.059	37.792	12.800	10.438	10.057
86.0	49.754	30.172	10.057	8.991	8.686
86.5	41.677	23.010	8.534	7.619	7.315
87.0	34.134	16.000	7.086	6.324	6.019
87.5	26.896	8.457	5.638	4.953	4.800
88.0	20.115	5.333	4.343	3.733	3.505
88.5	13.867	3.962	3.048	2.591	2.438
89.0	8.457	2.591	1.829	1.524	1.448
89.5	3.810	1.371	0.914	0.762	0.610
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 : LRX2X-4-L16-927-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 : LRX2X-4-L16-927-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 : LRX2X-4-L16-927-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	859.57	N.A.	16.70
0-30	1749.87	N.A.	34.10
0-40	2726.67	N.A.	53.10
0-60	4365.63	N.A.	85.00
0-80	5095.47	N.A.	99.20
0-90	5138.93	N.A.	100.00
10-90	4910.09	N.A.	95.50
20-40	1867.1	N.A.	36.30
20-50	2776.07	N.A.	54.00
40-70	2129.65	N.A.	41.40
60-80	729.84	N.A.	14.20
70-80	239.16	N.A.	4.70
80-90	43.46	N.A.	0.80
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	5138.93	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	228.84
10-20	630.73
20-30	890.30
30-40	976.80
40-50	908.98
50-60	729.98
60-70	490.68
70-80	239.16
80-90	43.46
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 : LRX2X-4-L16-927-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	92	86	81	88	83	79	85	81	77	82	79	76	74
3	93	83	76	70	90	82	75	69	79	73	68	76	71	67	73	69	65	63
4	85	74	66	60	83	73	65	60	71	64	59	68	63	58	66	61	57	55
5	79	67	59	52	77	66	58	52	64	57	52	62	56	51	60	55	50	48
6	73	61	52	46	71	60	52	46	58	51	46	56	50	45	55	49	45	43
7	68	55	47	41	67	55	47	41	53	46	41	52	45	41	50	45	40	38
8	64	51	43	37	62	50	42	37	49	42	37	48	41	37	47	41	36	35
9	60	47	39	34	58	46	39	34	45	38	34	44	38	33	43	37	33	31
10	56	43	36	31	55	43	36	31	42	35	31	41	35	31	40	35	30	29

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L16-927-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

X=2H	Y=2H	22.3	23.8	22.7	24.2	24.5	20.2	21.7	20.6	22.0	22.3
	3H	23.9	25.3	24.3	25.6	26.0	21.4	22.8	21.8	23.2	23.5
	4H	24.5	25.8	24.9	26.1	26.5	21.8	23.1	22.2	23.5	23.8
	6H	24.8	26.0	25.2	26.4	26.8	22.0	23.2	22.4	23.6	24.0
	8H	24.9	26.1	25.4	26.5	26.9	22.0	23.2	22.5	23.5	23.9
	12H	25.0	26.1	25.4	26.5	26.9	22.0	23.1	22.4	23.5	23.9

UGR Viewed Endwise

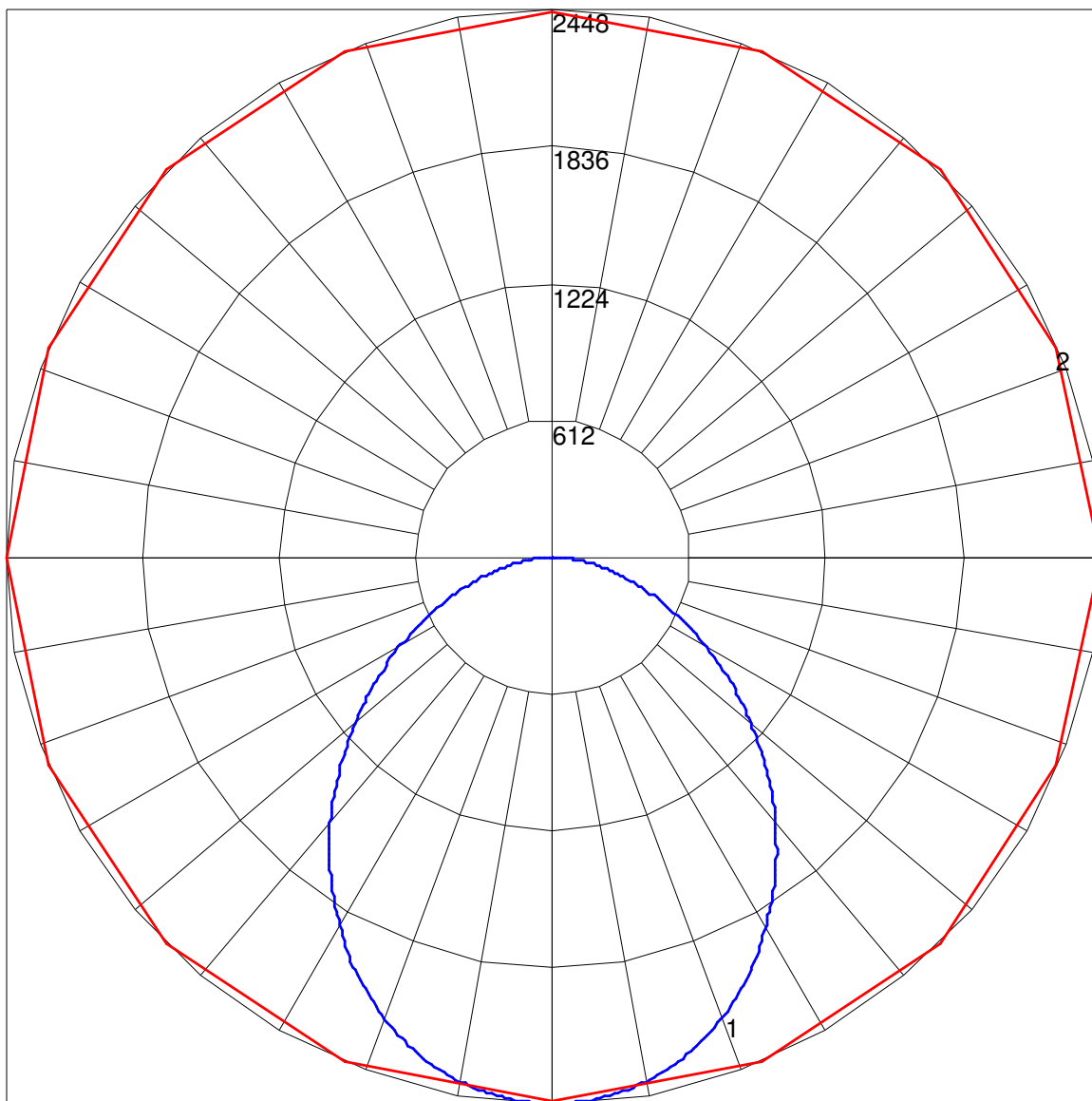
4H	2H	22.6	23.9	23.0	24.3	24.6	20.9	22.2	21.3	22.5	22.9
	3H	24.5	25.5	24.9	25.9	26.3	22.3	23.4	22.7	23.8	24.2
	4H	25.1	26.1	25.6	26.5	27.0	22.8	23.7	23.2	24.2	24.6
	6H	25.6	26.5	26.1	26.9	27.4	23.0	23.9	23.5	24.3	24.8
	8H	25.8	26.5	26.2	27.0	27.5	23.0	23.8	23.5	24.3	24.7
	12H	25.8	26.6	26.3	27.0	27.5	23.0	23.7	23.5	24.2	24.7

8H	4H	25.2	26.0	25.7	26.4	26.9	23.1	23.9	23.5	24.3	24.8
	6H	25.8	26.4	26.3	26.9	27.4	23.4	24.0	23.9	24.5	25.0
	8H	26.0	26.6	26.5	27.1	27.6	23.4	24.0	23.9	24.5	25.0
	12H	26.1	26.6	26.6	27.1	27.7	23.4	23.9	23.9	24.4	25.0

12H	4H	25.2	25.9	25.7	26.4	26.9	23.1	23.8	23.6	24.3	24.8
	6H	25.8	26.4	26.3	26.8	27.4	23.4	24.0	24.0	24.5	25.0
	8H	26.0	26.5	26.5	27.0	27.6	23.5	24.0	24.0	24.5	25.1

Maximum UGR = 27.7

POLAR GRAPH



Maximum Candela = 2448.073 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.)