

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L19-850-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-2-L19-850-DMA-DIM-UNV_

[LUMINAIRE] Nominal 4" x 2' 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	4043
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	122
Total Luminaire Watts	33.2
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)	2.00 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	19723	17485	15479
55	17264	14922	12674
65	14689	12274	10197
75	11794	9217	7507
85	7637	4734	3623

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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	1872.655	1872.655	1872.655	1872.655	1872.655
0.5	1881.810	1868.587	1873.164	1871.638	1870.621
1.0	1881.301	1868.078	1872.655	1871.130	1870.112
1.5	1880.793	1867.061	1872.147	1870.112	1869.095
2.0	1879.776	1866.552	1870.621	1868.078	1868.587
2.5	1879.267	1865.535	1869.604	1867.061	1866.552
3.0	1877.741	1864.009	1868.078	1864.518	1864.009
3.5	1876.724	1862.483	1866.044	1862.483	1861.466
4.0	1874.181	1860.449	1864.009	1859.940	1858.415
4.5	1873.164	1858.415	1861.466	1856.889	1854.854
5.0	1870.621	1856.380	1858.415	1853.837	1851.803
5.5	1869.604	1853.329	1855.363	1849.768	1847.225
6.0	1865.026	1850.786	1851.803	1845.700	1843.157
6.5	1862.483	1848.243	1847.734	1841.122	1838.071
7.0	1859.432	1844.682	1844.174	1836.545	1833.493
7.5	1856.380	1841.122	1839.596	1831.459	1827.899
8.0	1852.820	1837.053	1835.528	1825.864	1821.796
8.5	1849.260	1833.493	1830.950	1819.761	1815.692
9.0	1845.191	1829.425	1825.356	1813.658	1809.589
9.5	1840.614	1824.339	1820.270	1807.046	1802.469
10.0	1837.053	1819.761	1814.167	1800.943	1795.857
10.5	1831.459	1814.675	1808.572	1794.331	1788.737
11.0	1826.373	1809.589	1801.960	1786.702	1781.616
11.5	1821.287	1803.995	1795.349	1779.073	1772.970
12.0	1815.692	1798.400	1788.737	1770.936	1764.833
12.5	1809.081	1791.788	1781.616	1762.798	1755.678
13.0	1803.486	1785.685	1773.987	1754.152	1747.032
13.5	1797.892	1779.073	1766.358	1745.506	1738.386
14.0	1790.771	1772.462	1758.730	1735.843	1728.214
14.5	1784.668	1764.833	1750.083	1726.688	1718.550
15.0	1777.548	1757.712	1741.437	1717.025	1708.378
15.5	1770.427	1750.083	1732.791	1706.853	1698.206
16.0	1762.798	1742.454	1723.636	1696.681	1687.017
16.5	1755.678	1734.825	1714.482	1686.000	1676.337
17.0	1747.540	1726.179	1704.818	1675.320	1664.639
17.5	1739.911	1717.533	1695.663	1664.130	1652.941
18.0	1731.265	1709.396	1685.491	1652.941	1641.244
18.5	1723.636	1700.241	1675.320	1641.244	1628.529
19.0	1714.482	1691.086	1664.639	1629.037	1615.814
19.5	1705.835	1681.931	1653.958	1617.339	1603.099
20.0	1696.681	1672.268	1642.769	1605.133	1590.384
20.5	1687.526	1662.605	1631.580	1592.418	1577.160
21.0	1677.863	1652.941	1620.391	1579.703	1563.428
21.5	1668.708	1642.261	1608.693	1566.480	1550.205
22.0	1658.536	1632.089	1596.487	1553.256	1536.981
22.5	1648.364	1621.408	1584.281	1540.033	1522.740
23.0	1638.701	1611.236	1572.583	1525.792	1508.500
23.5	1628.529	1600.047	1559.868	1512.060	1494.259
24.0	1617.848	1588.858	1547.153	1498.328	1479.510
24.5	1607.168	1577.669	1533.930	1484.087	1465.269
25.0	1595.978	1566.480	1521.215	1469.846	1450.520
25.5	1584.281	1554.273	1507.991	1455.097	1434.753
26.0	1573.091	1542.576	1493.750	1440.348	1419.495
26.5	1561.902	1530.369	1480.527	1425.598	1403.729

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CANDELA TABULATION - (Cont.)

27.0	1549.696	1518.163	1466.286	1410.340	1388.471
27.5	1536.981	1505.448	1452.554	1395.082	1373.213
28.0	1525.283	1493.242	1438.313	1379.316	1356.938
28.5	1513.077	1480.527	1424.581	1364.058	1341.171
29.0	1500.871	1467.812	1410.340	1348.291	1325.913
29.5	1486.630	1454.588	1395.591	1332.525	1309.638
30.0	1472.898	1440.856	1380.842	1316.758	1293.872
30.5	1460.183	1427.633	1366.601	1301.501	1277.596
31.0	1446.959	1414.409	1351.852	1285.734	1261.321
31.5	1434.244	1400.677	1337.102	1269.459	1245.046
32.0	1420.004	1386.945	1321.844	1253.692	1229.280
32.5	1406.780	1372.704	1307.095	1237.417	1212.496
33.0	1393.048	1358.972	1291.329	1221.651	1196.729
33.5	1379.316	1344.731	1277.088	1205.376	1179.437
34.0	1366.092	1330.491	1261.321	1189.609	1163.671
34.5	1352.360	1316.758	1246.063	1173.843	1147.904
35.0	1338.628	1302.009	1230.297	1157.567	1131.629
35.5	1324.387	1287.260	1215.039	1142.310	1114.845
36.0	1311.164	1273.019	1199.781	1126.034	1099.587
36.5	1296.923	1258.270	1184.015	1110.268	1083.312
37.0	1282.174	1243.520	1169.265	1094.501	1068.054
37.5	1267.933	1228.771	1154.007	1078.226	1051.779
38.0	1253.692	1213.513	1138.241	1062.460	1035.504
38.5	1238.943	1199.272	1122.983	1046.693	1019.738
39.0	1223.685	1184.015	1107.725	1030.927	1003.971
39.5	1209.444	1169.265	1091.958	1015.160	988.205
40.0	1194.695	1154.007	1076.701	1000.411	972.947
40.5	1178.929	1139.258	1060.934	984.644	956.672
41.0	1164.179	1124.000	1045.676	968.878	939.888
41.5	1149.430	1109.251	1030.418	953.111	924.121
42.0	1133.663	1093.993	1015.160	936.836	907.846
42.5	1117.388	1078.226	999.902	921.578	892.080
43.0	1102.130	1062.968	984.644	904.795	876.313
43.5	1087.381	1048.219	969.386	889.028	861.564
44.0	1071.106	1032.961	954.129	874.279	846.306
44.5	1055.848	1017.703	937.345	859.021	831.048
45.0	1040.082	1002.954	922.087	844.272	816.299
45.5	1024.315	987.187	906.320	829.522	801.041
46.0	1009.057	972.438	891.571	814.773	786.291
46.5	993.799	957.180	876.822	800.532	772.051
47.0	978.033	941.922	862.072	785.783	757.301
47.5	962.266	925.647	847.832	771.542	743.061
48.0	947.008	909.881	833.591	757.301	728.311
48.5	931.242	895.131	818.842	743.061	714.071
49.0	914.458	879.873	804.601	728.820	700.339
49.5	899.709	865.633	790.869	714.579	686.606
50.0	884.451	850.883	776.628	700.847	672.874
50.5	870.210	836.134	762.387	687.115	659.142
51.0	854.952	821.893	748.147	672.874	645.410
51.5	840.203	807.144	734.415	659.651	632.186
52.0	825.962	792.395	720.174	645.919	618.963
52.5	811.213	778.154	706.442	632.695	606.248
53.0	796.463	763.913	692.710	619.472	593.533
53.5	781.714	749.672	679.486	606.248	580.310
54.0	767.473	735.432	665.245	593.533	567.595
54.5	752.724	721.700	652.022	580.310	554.880

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55.0	738.483	707.459	638.290	568.103	542.165
55.5	723.734	693.727	625.066	554.880	529.958
56.0	708.985	679.486	611.843	542.673	517.752
56.5	694.744	665.754	598.619	530.467	506.309
57.0	679.995	652.022	584.887	518.261	494.255
57.5	665.754	638.798	572.172	506.054	482.506
58.0	651.513	625.066	558.948	494.051	470.961
58.5	637.272	611.334	545.725	482.201	459.416
59.0	623.032	598.110	533.010	470.554	447.973
59.5	608.791	584.887	520.295	458.907	436.834
60.0	595.059	571.663	507.478	447.210	425.747
60.5	581.327	558.440	495.069	435.817	414.659
61.0	567.595	545.725	482.405	424.526	403.775
61.5	554.371	532.501	470.096	413.134	393.044
62.0	540.639	519.278	457.687	402.250	382.669
62.5	527.415	506.716	445.684	391.315	372.090
63.0	514.192	494.153	433.732	380.431	361.714
63.5	501.223	481.591	421.780	369.445	351.237
64.0	488.609	469.130	410.133	358.866	341.167
64.5	475.589	456.670	398.384	348.338	331.148
65.0	462.976	444.463	386.839	337.810	321.383
65.5	450.465	432.104	375.192	327.486	311.414
66.0	438.004	419.847	363.952	317.416	301.649
66.5	425.645	407.742	352.661	307.193	291.782
67.0	413.134	395.740	341.523	297.072	282.322
67.5	400.622	383.737	330.537	287.307	272.862
68.0	388.619	371.937	319.450	277.491	263.301
68.5	376.362	360.239	308.617	267.827	254.095
69.0	364.207	348.542	297.885	258.215	244.940
69.5	352.407	336.895	287.408	248.704	236.040
70.0	340.455	325.299	276.728	239.397	227.038
70.5	328.656	313.906	266.251	230.140	218.341
71.0	316.856	302.615	256.079	221.138	209.542
71.5	305.311	291.223	245.907	212.187	201.049
72.0	293.817	280.135	235.837	203.286	192.555
72.5	282.373	269.150	225.817	194.589	184.316
73.0	271.235	258.317	216.001	185.841	176.229
73.5	260.097	247.331	206.338	177.500	168.142
74.0	249.162	236.549	196.776	169.109	160.106
74.5	238.329	225.970	187.316	160.971	152.477
75.0	227.648	215.544	177.907	152.783	144.899
75.5	217.171	205.321	168.803	145.001	137.372
76.0	206.948	195.200	159.903	137.220	130.099
76.5	196.675	185.079	151.003	129.743	122.979
77.0	186.960	175.212	142.458	122.267	115.909
77.5	177.094	165.498	133.965	115.045	108.992
78.0	167.278	155.936	125.573	107.975	102.431
78.5	157.563	146.476	117.537	101.109	95.769
79.0	148.307	137.372	109.654	94.345	89.361
79.5	139.203	128.116	101.974	87.580	83.105
80.0	130.150	119.266	94.345	81.223	77.052
80.5	121.148	110.467	86.919	74.916	71.051
81.0	112.451	101.923	79.799	68.915	65.355
81.5	103.856	93.633	72.831	62.964	59.709
82.0	95.565	85.241	66.219	57.166	54.115
82.5	87.479	77.307	59.709	51.521	48.774

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CANDELA TABULATION - (Cont.)

83.0	79.494	69.474	53.403	46.028	43.332
83.5	71.611	61.998	47.452	40.637	38.145
84.0	64.083	54.674	41.654	35.348	33.110
84.5	56.658	47.757	36.110	30.312	28.278
85.0	49.639	41.095	30.770	25.582	23.548
85.5	42.824	34.686	25.684	20.751	18.462
86.0	36.416	28.583	21.107	15.767	12.868
86.5	30.058	23.090	16.682	9.969	7.934
87.0	24.209	17.903	11.901	6.307	5.645
87.5	18.767	13.325	6.866	4.832	4.425
88.0	13.732	9.104	4.323	3.713	3.458
88.5	9.460	5.086	3.204	2.696	2.390
89.0	5.951	2.543	2.136	1.729	1.526
89.5	2.950	1.373	1.170	0.865	0.763
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-2-L19-850-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-2-L19-850-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-2-L19-850-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	665.18	N.A.	16.50
0-30	1363.51	N.A.	33.70
0-40	2132.76	N.A.	52.80
0-60	3417.83	N.A.	84.50
0-80	4000.97	N.A.	99.00
0-90	4042.84	N.A.	100.00
10-90	3866.97	N.A.	95.60
20-40	1467.57	N.A.	36.30
20-50	2180.92	N.A.	53.90
40-70	1672.57	N.A.	41.40
60-80	583.14	N.A.	14.40
70-80	195.65	N.A.	4.80
80-90	41.87	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	4042.84	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	175.87
10-20	489.31
20-30	698.32
30-40	769.25
40-50	713.35
50-60	571.73
60-70	387.49
70-80	195.65
80-90	41.87
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-2-L19-850-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-2-L19-850-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	21.8	23.4	22.2	23.7	24.0	20.1	21.6	20.5	22.0	22.3
	3H	23.4	24.8	23.8	25.1	25.5	21.4	22.8	21.8	23.2	23.5
	4H	24.0	25.3	24.4	25.6	26.0	21.9	23.2	22.3	23.5	23.9
	6H	24.4	25.5	24.8	25.9	26.3	22.1	23.3	22.5	23.7	24.1
	8H	24.4	25.6	24.9	26.0	26.4	22.2	23.3	22.6	23.7	24.1
	12H	24.5	25.6	24.9	26.0	26.4	22.2	23.3	22.6	23.7	24.1

UGR Viewed Endwise

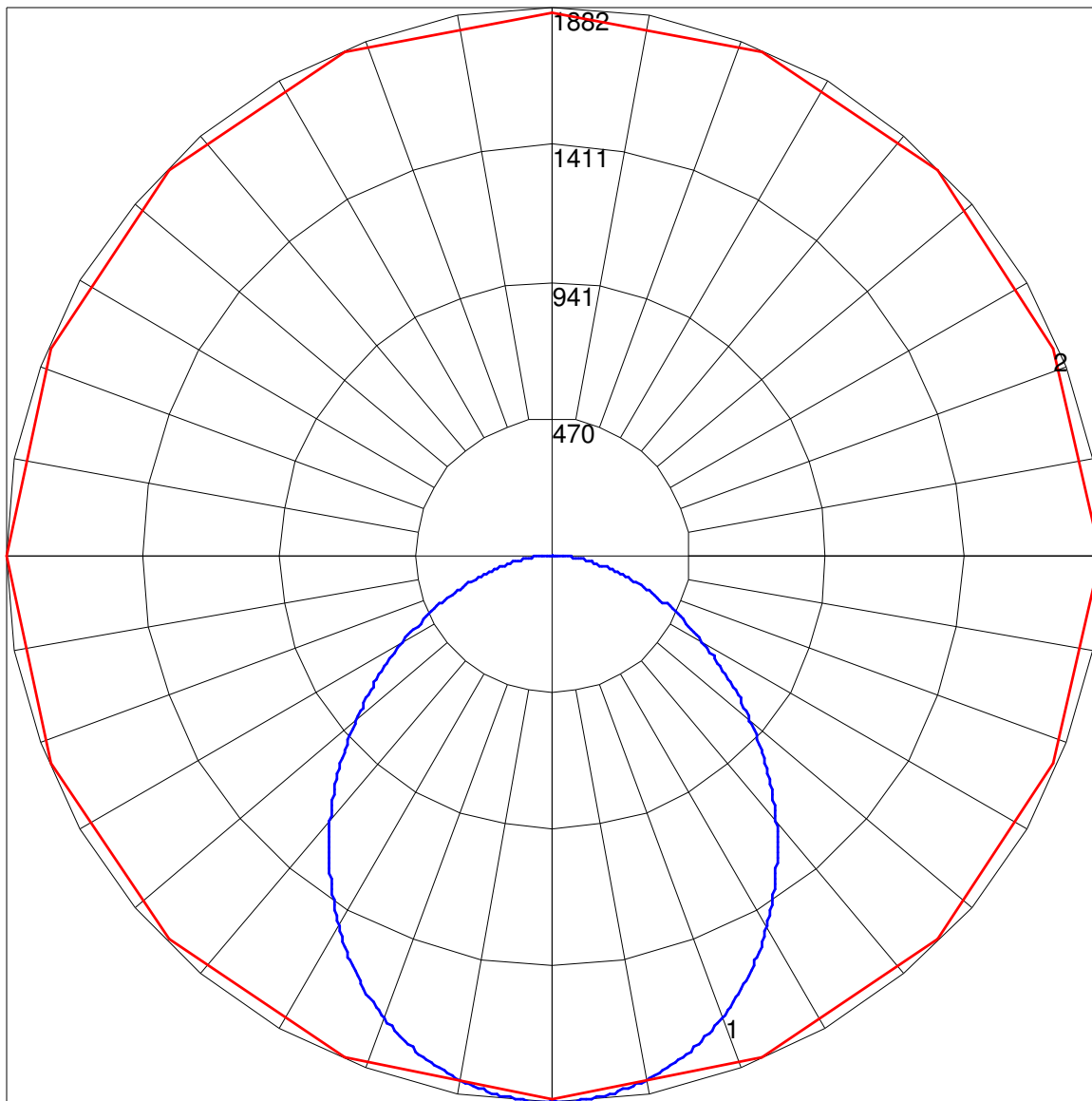
4H	2H	22.2	23.5	22.6	23.9	24.2	20.8	22.1	21.2	22.4	22.8
	3H	24.0	25.1	24.4	25.5	25.9	22.3	23.4	22.7	23.8	24.2
	4H	24.7	25.7	25.1	26.1	26.5	22.8	23.8	23.3	24.2	24.7
	6H	25.2	26.0	25.6	26.5	26.9	23.2	24.0	23.6	24.5	24.9
	8H	25.3	26.1	25.8	26.6	27.0	23.3	24.1	23.7	24.5	25.0
	12H	25.4	26.1	25.9	26.6	27.1	23.3	24.0	23.8	24.5	25.0

8H	4H	24.8	25.6	25.3	26.0	26.5	23.1	23.9	23.6	24.4	24.8
	6H	25.4	26.1	25.9	26.5	27.0	23.6	24.2	24.1	24.7	25.2
	8H	25.6	26.2	26.1	26.7	27.2	23.7	24.3	24.2	24.8	25.3
	12H	25.7	26.3	26.3	26.8	27.3	23.8	24.3	24.3	24.8	25.3

12H	4H	24.8	25.5	25.3	26.0	26.5	23.2	23.9	23.7	24.4	24.8
	6H	25.4	26.0	25.9	26.5	27.0	23.6	24.2	24.1	24.7	25.2
	8H	25.6	26.2	26.1	26.6	27.2	23.8	24.3	24.3	24.8	25.3

Maximum UGR = 27.3

POLAR GRAPH



Maximum Candela = 1881.81 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.)