



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-4-L10-840-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] GEN FROM 14853501.01
 [TESTLAB] UL Verification Services Inc.
 [ISSUE DATE] 2023-07-25
 [TEST DATE] 6/19/2023
 [MANUFAC] H.E. WILLIAMS, INC. - CARTHAGE, MO.
 [LUMCAT] LRX2-4-L10-840-DMA-DIM-UNV
 [LUMINAIRE] 2 INCH WIDE, LINEAR RECESSED LED LUMINAIRE
 [MORE] W/DIFFUSED MATTE ACRYLIC LENS
 [LAMP] LED
 [BALLAST] 0-10V DIMMING DRIVER
 [_SEARCH_SOURCETYPE] LED
 [_SEARCH_APPLICATION] INDOOR, CLASSROOM, COMMERCIAL, OFFICE
 [_SEARCH_MOUNTING] RECESSED

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4149
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	114
Total Luminaire Watts	36.4
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.06
Spacing Criterion (Diagonal)	1.22
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	0.17 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	24227	20899	19063
55	21597	18365	16812
65	19039	16189	14902
75	15704	13782	12844
85	11847	11053	10649

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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	1838.151	1838.151	1838.151	1838.151	1838.151
0.5	1870.558	1839.658	1829.107	1833.629	1824.585
1.0	1870.558	1838.905	1829.107	1833.629	1823.832
1.5	1869.804	1838.905	1828.353	1832.875	1823.078
2.0	1869.051	1837.397	1826.846	1832.122	1820.817
2.5	1868.297	1835.890	1826.093	1829.861	1819.310
3.0	1866.790	1834.383	1823.832	1828.353	1816.295
3.5	1865.282	1832.875	1821.571	1825.339	1813.280
4.0	1863.775	1831.368	1819.310	1823.078	1811.020
4.5	1862.268	1829.107	1817.049	1820.063	1807.251
5.0	1860.760	1826.846	1813.280	1816.295	1803.483
5.5	1857.746	1823.832	1810.266	1811.773	1798.208
6.0	1855.485	1820.817	1806.498	1808.005	1793.686
6.5	1853.224	1818.556	1802.729	1802.729	1788.410
7.0	1850.209	1814.788	1798.961	1797.454	1783.135
7.5	1847.195	1811.773	1794.439	1792.178	1777.105
8.0	1844.180	1807.251	1789.917	1786.149	1771.830
8.5	1840.412	1803.483	1784.642	1780.120	1765.047
9.0	1836.644	1799.715	1779.366	1773.337	1758.264
9.5	1832.875	1795.193	1773.337	1765.801	1750.728
10.0	1829.107	1790.671	1767.308	1759.018	1743.945
10.5	1824.585	1786.149	1761.279	1751.481	1734.901
11.0	1820.063	1780.874	1754.496	1743.945	1726.611
11.5	1814.788	1775.598	1747.713	1735.655	1718.321
12.0	1809.512	1769.569	1740.176	1727.364	1709.277
12.5	1804.990	1763.540	1732.640	1718.321	1699.479
13.0	1798.961	1757.510	1725.104	1709.277	1690.436
13.5	1792.932	1750.728	1716.813	1699.479	1680.638
14.0	1787.656	1743.945	1709.277	1690.436	1670.841
14.5	1780.874	1737.162	1700.233	1680.638	1660.290
15.0	1774.844	1730.379	1691.943	1670.087	1650.492
15.5	1768.062	1722.843	1682.145	1659.536	1639.187
16.0	1762.786	1716.060	1673.102	1648.985	1627.883
16.5	1757.510	1708.523	1663.304	1637.680	1616.578
17.0	1750.728	1700.987	1653.507	1626.375	1605.273
17.5	1740.930	1693.450	1643.709	1615.071	1593.215
18.0	1731.886	1686.667	1633.912	1603.012	1580.403
18.5	1722.843	1677.624	1623.361	1590.954	1567.591
19.0	1715.306	1667.826	1612.810	1578.142	1554.779
19.5	1707.016	1658.029	1602.259	1565.330	1541.213
20.0	1698.726	1648.231	1590.954	1553.271	1526.894
20.5	1689.682	1638.434	1580.403	1540.459	1513.328
21.0	1680.638	1629.390	1569.098	1526.894	1499.009
21.5	1671.594	1619.593	1557.793	1514.082	1485.443
22.0	1661.797	1609.041	1545.735	1500.516	1471.124
22.5	1652.753	1599.244	1534.430	1486.197	1457.558
23.0	1642.202	1588.693	1523.879	1472.631	1443.992
23.5	1632.405	1577.388	1511.821	1459.065	1429.673
24.0	1621.854	1566.837	1498.255	1445.500	1416.107
24.5	1611.302	1555.532	1485.443	1431.934	1401.788
25.0	1600.751	1544.981	1471.877	1417.615	1387.469
25.5	1590.200	1532.923	1459.065	1404.049	1373.149
26.0	1578.896	1521.618	1445.500	1389.730	1359.584
26.5	1568.344	1509.560	1432.688	1376.164	1346.018

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PHOTOMETRIC FILENAME : LRX2-4-L10-840-DMA-DIM-UNV_.IES

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27.0	1556.286	1498.255	1419.122	1362.598	1331.699
27.5	1544.981	1485.443	1406.310	1349.032	1316.626
28.0	1533.677	1473.385	1392.744	1335.467	1303.060
28.5	1522.372	1461.326	1379.178	1321.147	1289.494
29.0	1510.313	1448.514	1366.366	1306.828	1275.928
29.5	1497.501	1435.702	1352.801	1292.509	1262.363
30.0	1485.443	1422.890	1339.235	1278.943	1248.043
30.5	1472.631	1410.832	1326.423	1265.377	1233.724
31.0	1459.819	1398.020	1312.857	1251.058	1219.405
31.5	1446.253	1384.454	1298.538	1236.739	1205.839
32.0	1433.441	1371.642	1284.972	1222.419	1191.520
32.5	1419.875	1358.076	1271.407	1208.100	1177.200
33.0	1407.063	1344.511	1257.087	1193.781	1162.881
33.5	1393.498	1330.945	1243.522	1180.215	1148.562
34.0	1379.932	1317.379	1229.956	1165.896	1134.242
34.5	1367.120	1303.060	1214.883	1151.576	1119.923
35.0	1353.554	1289.494	1201.317	1136.503	1105.604
35.5	1339.989	1275.175	1186.998	1122.184	1092.038
36.0	1325.669	1261.609	1173.432	1108.618	1077.719
36.5	1312.104	1247.290	1159.113	1094.299	1064.153
37.0	1298.538	1232.970	1144.793	1079.226	1049.834
37.5	1284.219	1218.651	1130.474	1065.660	1037.022
38.0	1270.653	1204.332	1116.155	1051.341	1022.702
38.5	1256.334	1190.012	1102.589	1037.775	1009.137
39.0	1242.014	1175.693	1087.516	1023.456	995.571
39.5	1227.695	1161.374	1073.197	1009.890	982.005
40.0	1212.622	1147.054	1058.877	995.571	968.439
40.5	1197.549	1132.735	1044.558	982.759	955.627
41.0	1183.230	1118.416	1030.239	969.193	941.308
41.5	1168.157	1103.343	1015.919	955.627	927.742
42.0	1153.084	1089.023	1002.354	941.308	914.930
42.5	1138.764	1073.950	988.034	927.742	901.365
43.0	1123.691	1059.631	974.469	914.930	888.553
43.5	1108.618	1044.558	959.396	902.118	875.741
44.0	1093.545	1030.239	945.830	888.553	862.929
44.5	1078.472	1015.919	931.511	874.987	850.117
45.0	1064.153	1000.846	917.945	862.175	837.304
45.5	1049.080	986.527	904.379	849.363	824.492
46.0	1034.007	972.208	890.814	836.551	812.434
46.5	1019.688	957.135	876.494	823.739	799.622
47.0	1004.615	942.815	862.929	810.927	787.564
47.5	990.295	928.496	850.117	797.361	775.505
48.0	975.222	914.177	836.551	785.303	762.693
48.5	960.149	899.857	823.739	772.491	751.087
49.0	945.830	884.784	809.419	760.432	738.953
49.5	930.757	870.465	796.607	747.545	726.819
50.0	916.438	856.899	783.042	734.959	714.686
50.5	901.365	842.580	770.230	723.051	703.155
51.0	887.045	828.261	756.664	711.370	691.699
51.5	871.972	813.941	743.927	699.462	679.189
52.0	857.653	800.376	730.663	687.178	667.432
52.5	842.580	786.056	717.550	674.893	656.127
53.0	828.261	772.491	704.587	662.759	644.069
53.5	813.188	758.925	692.227	651.379	633.141
54.0	798.868	744.681	679.716	640.150	621.610
54.5	784.549	730.738	666.980	628.619	610.305

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55.0	769.476	717.097	654.318	616.711	599.001
55.5	755.157	703.607	642.034	604.653	587.470
56.0	740.762	690.192	630.051	593.047	576.542
56.5	726.669	676.928	617.842	582.119	565.689
57.0	712.500	663.513	605.783	571.342	555.289
57.5	698.633	650.399	594.102	559.962	544.512
58.0	684.841	637.512	582.194	548.355	533.433
58.5	671.502	624.625	570.060	536.975	522.656
59.0	657.861	612.114	558.002	525.972	512.557
59.5	644.446	599.603	546.245	515.195	502.157
60.0	630.955	587.244	534.940	504.719	491.455
60.5	617.842	574.884	523.786	494.168	480.979
61.0	604.804	562.449	512.482	483.391	470.880
61.5	591.690	550.013	500.725	472.538	460.480
62.0	578.577	537.955	489.269	461.836	450.079
62.5	565.539	526.047	478.417	451.511	439.981
63.0	552.425	513.914	468.016	441.412	430.108
63.5	539.236	501.855	457.616	431.916	420.235
64.0	526.123	489.721	446.914	422.420	410.362
64.5	513.009	477.663	435.835	412.171	400.715
65.0	499.820	465.755	424.983	401.469	391.219
65.5	486.707	453.772	414.733	391.822	381.874
66.0	473.669	441.789	404.710	383.155	372.906
66.5	460.555	429.882	394.535	374.262	363.787
67.0	447.517	418.125	383.909	364.616	354.441
67.5	434.554	406.443	373.207	354.215	344.945
68.0	421.591	394.611	362.505	343.513	335.223
68.5	408.779	382.854	351.879	333.565	325.577
69.0	396.118	371.097	341.780	324.295	316.231
69.5	383.457	359.642	331.832	315.101	306.811
70.0	370.871	348.186	321.281	305.002	296.863
70.5	358.511	336.655	310.504	294.149	286.990
71.0	346.076	325.124	299.877	283.749	277.268
71.5	333.867	313.744	289.477	274.404	267.847
72.0	321.733	302.741	279.529	265.737	258.728
72.5	309.750	291.888	269.957	256.768	249.986
73.0	297.993	281.111	260.235	247.197	241.092
73.5	286.311	270.259	250.212	237.626	231.898
74.0	274.856	259.557	240.188	228.431	223.156
74.5	263.551	249.081	230.692	219.764	214.941
75.0	252.473	238.907	221.573	211.248	206.500
75.5	241.545	228.808	212.604	202.656	197.833
76.0	230.767	218.784	203.410	194.140	189.618
76.5	220.141	208.686	194.291	185.398	181.554
77.0	209.590	198.813	185.096	176.806	173.189
77.5	199.265	189.091	176.354	168.365	164.672
78.0	188.940	179.444	167.838	160.151	156.608
78.5	178.766	169.948	159.321	152.011	148.921
79.0	168.893	160.678	150.805	144.022	141.309
79.5	159.095	151.559	142.440	136.184	133.773
80.0	149.524	142.590	134.300	128.346	126.161
80.5	140.028	133.773	126.236	120.584	118.398
81.0	130.834	125.106	118.097	112.972	110.786
81.5	121.865	116.665	110.259	105.586	103.551
82.0	113.047	108.526	102.798	98.502	96.618
82.5	104.456	100.537	95.412	91.644	89.910

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CANDELA TABULATION - (Cont.)

83.0	96.015	92.624	88.177	84.710	83.354
83.5	87.725	84.786	80.867	77.852	76.797
84.0	79.661	77.249	73.556	71.069	70.089
84.5	71.823	69.863	66.472	64.437	63.608
85.0	64.136	62.628	59.840	58.031	57.654
85.5	56.599	55.469	53.358	52.002	52.077
86.0	49.289	48.384	47.028	46.425	46.425
86.5	42.204	41.601	40.697	40.546	40.697
87.0	35.271	35.045	34.517	34.517	34.743
87.5	28.639	28.413	28.488	28.865	29.016
88.0	22.233	22.383	23.062	23.589	23.815
88.5	16.279	16.806	18.088	18.238	18.389
89.0	11.003	11.832	12.586	11.380	11.305
89.5	7.612	7.838	5.878	5.577	6.180
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 : LRX2-4-L10-840-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 : LRX2-4-L10-840-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 : LRX2-4-L10-840-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	650.84	N.A.	15.70
0-30	1332.46	N.A.	32.10
0-40	2091.33	N.A.	50.40
0-60	3409.87	N.A.	82.20
0-80	4080.28	N.A.	98.30
0-90	4148.95	N.A.	100.00
10-90	3976.51	N.A.	95.80
20-40	1440.49	N.A.	34.70
20-50	2160.6	N.A.	52.10
40-70	1749.36	N.A.	42.20
60-80	670.41	N.A.	16.20
70-80	239.59	N.A.	5.80
80-90	68.67	N.A.	1.70
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	4148.95	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	172.45
10-20	478.40
20-30	681.62
30-40	758.87
40-50	720.11
50-60	598.42
60-70	430.82
70-80	239.59
80-90	68.67
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 : LRX2-4-L10-840-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	109	105	101	97	107	103	99	96	98	95	93	94	92	90	91	89	87	85
2	100	92	86	80	97	90	84	79	87	82	77	84	79	76	81	77	74	72
3	92	82	74	68	89	80	73	67	77	71	66	74	69	65	72	67	64	61
4	84	73	64	58	82	72	64	58	69	62	57	67	61	56	65	60	55	53
5	78	65	57	50	76	64	56	50	62	55	50	60	54	49	59	53	49	47
6	72	59	51	44	70	58	50	44	57	49	44	55	48	44	53	48	43	41
7	67	54	46	40	65	53	45	39	52	44	39	50	44	39	49	43	39	37
8	63	50	41	36	61	49	41	36	48	40	35	46	40	35	45	39	35	33
9	59	46	38	32	57	45	37	32	44	37	32	43	36	32	42	36	32	30
10	55	42	35	29	54	42	34	29	41	34	29	40	34	29	39	33	29	27

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-4-L10-840-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

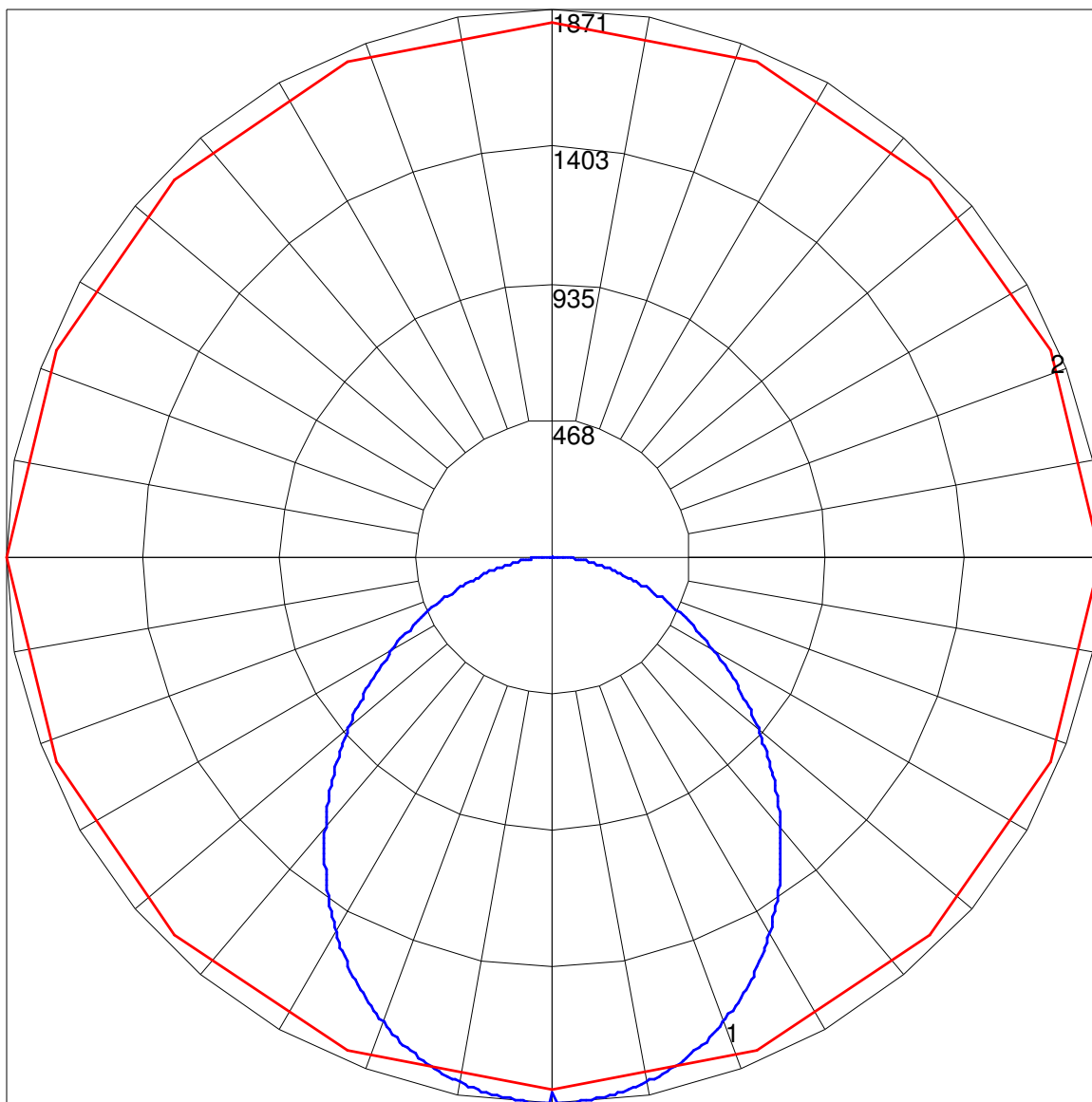
Reflectances

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	22.4	24.0	22.8	24.3	24.6	21.3	22.8	21.6	23.1	23.5
	3H	24.1	25.6	24.5	25.9	26.2	22.9	24.3	23.3	24.7	25.0
	4H	24.8	26.1	25.2	26.4	26.8	23.5	24.9	23.9	25.2	25.6
	6H	25.2	26.4	25.6	26.8	27.2	24.0	25.2	24.4	25.6	26.0
	8H	25.4	26.5	25.8	26.9	27.3	24.2	25.3	24.6	25.7	26.1
	12H	25.4	26.6	25.9	26.9	27.4	24.3	25.4	24.7	25.8	26.2
4H	2H	22.9	24.2	23.3	24.5	24.9	21.9	23.3	22.3	23.6	24.0
	3H	24.8	25.9	25.2	26.3	26.7	23.8	24.9	24.2	25.3	25.7
	4H	25.6	26.6	26.0	27.0	27.4	24.5	25.5	25.0	26.0	26.4
	6H	26.2	27.0	26.6	27.5	27.9	25.1	26.0	25.6	26.4	26.9
	8H	26.3	27.2	26.8	27.6	28.1	25.3	26.1	25.8	26.6	27.1
	12H	26.5	27.2	27.0	27.7	28.2	25.5	26.2	26.0	26.7	27.2
8H	4H	25.8	26.6	26.2	27.0	27.5	24.9	25.7	25.3	26.1	26.6
	6H	26.5	27.2	27.0	27.6	28.1	25.6	26.3	26.1	26.7	27.2
	8H	26.7	27.3	27.2	27.9	28.3	25.8	26.5	26.3	27.0	27.4
	12H	27.0	27.5	27.5	28.0	28.6	26.1	26.6	26.6	27.1	27.7
12H	4H	25.8	26.5	26.3	27.0	27.5	24.9	25.6	25.4	26.1	26.6
	6H	26.5	27.1	27.0	27.6	28.1	25.6	26.3	26.2	26.7	27.3
	8H	26.8	27.4	27.3	27.9	28.4	26.0	26.5	26.5	27.0	27.6

Maximum UGR = 28.6

POLAR GRAPH



Maximum Candela = 1870.558 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.)