



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-4-L10-850-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] GEN FROM 14853501.01
 [TESTLAB] UL Verification Services Inc.
 [ISSUEDATE] 2023-07-25
 [TESTDATE] 6/19/2023
 [MANUFAC] H.E. WILLIAMS, INC. - CARTHAGE, MO.
 [LUMCAT] LRX2-4-L10-850-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	4270
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	117
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	24933	21507	19618
55	22226	18900	17302
65	19594	16660	15337
75	16161	14183	13218
85	12192	11375	10959

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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	1891.689	1891.689	1891.689	1891.689	1891.689
0.5	1925.040	1893.241	1882.382	1887.036	1877.729
1.0	1925.040	1892.465	1882.382	1887.036	1876.953
1.5	1924.265	1892.465	1881.607	1886.260	1876.177
2.0	1923.489	1890.914	1880.055	1885.485	1873.851
2.5	1922.713	1889.363	1879.280	1883.158	1872.299
3.0	1921.162	1887.811	1876.953	1881.607	1869.197
3.5	1919.611	1886.260	1874.626	1878.504	1866.094
4.0	1918.060	1884.709	1872.299	1876.177	1863.768
4.5	1916.509	1882.382	1869.973	1873.075	1859.890
5.0	1914.957	1880.055	1866.094	1869.197	1856.012
5.5	1911.855	1876.953	1862.992	1864.543	1850.582
6.0	1909.528	1873.851	1859.114	1860.665	1845.929
6.5	1907.201	1871.524	1855.236	1855.236	1840.500
7.0	1904.099	1867.646	1851.358	1849.807	1835.070
7.5	1900.997	1864.543	1846.704	1844.378	1828.866
8.0	1897.894	1859.890	1842.051	1838.173	1823.436
8.5	1894.016	1856.012	1836.622	1831.968	1816.456
9.0	1890.138	1852.134	1831.192	1824.988	1809.476
9.5	1886.260	1847.480	1824.988	1817.232	1801.720
10.0	1882.382	1842.826	1818.783	1810.251	1794.739
10.5	1877.729	1838.173	1812.578	1802.495	1785.432
11.0	1873.075	1832.744	1805.598	1794.739	1776.900
11.5	1867.646	1827.314	1798.617	1786.208	1768.369
12.0	1862.216	1821.110	1790.861	1777.676	1759.062
12.5	1857.563	1814.905	1783.105	1768.369	1748.979
13.0	1851.358	1808.700	1775.349	1759.062	1739.672
13.5	1845.153	1801.720	1766.818	1748.979	1729.589
14.0	1839.724	1794.739	1759.062	1739.672	1719.506
14.5	1832.744	1787.759	1749.754	1729.589	1708.648
15.0	1826.539	1780.778	1741.223	1718.730	1698.565
15.5	1819.558	1773.022	1731.140	1707.872	1686.931
16.0	1814.129	1766.042	1721.833	1697.014	1675.297
16.5	1808.700	1758.286	1711.750	1685.380	1663.663
17.0	1801.720	1750.530	1701.667	1673.746	1652.029
17.5	1791.637	1742.774	1691.584	1662.112	1639.619
18.0	1782.330	1735.794	1681.502	1649.702	1626.434
18.5	1773.022	1726.486	1670.643	1637.292	1613.249
19.0	1765.266	1716.404	1659.785	1624.107	1600.064
19.5	1756.735	1706.321	1648.926	1610.922	1586.103
20.0	1748.203	1696.238	1637.292	1598.512	1571.366
20.5	1738.896	1686.155	1626.434	1585.327	1557.406
21.0	1729.589	1676.848	1614.800	1571.366	1542.669
21.5	1720.282	1666.765	1603.166	1558.181	1528.708
22.0	1710.199	1655.907	1590.756	1544.220	1513.972
22.5	1700.892	1645.824	1579.122	1529.484	1500.011
23.0	1690.033	1634.966	1568.264	1515.523	1486.050
23.5	1679.950	1623.332	1555.854	1501.562	1471.314
24.0	1669.092	1612.473	1541.894	1487.602	1457.353
24.5	1658.234	1600.839	1528.708	1473.641	1442.617
25.0	1647.375	1589.981	1514.748	1458.904	1427.880
25.5	1636.517	1577.571	1501.562	1444.943	1413.144
26.0	1624.883	1565.937	1487.602	1430.207	1399.183
26.5	1614.024	1553.528	1474.416	1416.246	1385.222

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27.0	1601.615	1541.894	1460.456	1402.285	1370.486
27.5	1589.981	1528.708	1447.270	1388.325	1354.974
28.0	1578.347	1516.299	1433.309	1374.364	1341.013
28.5	1566.713	1503.889	1419.349	1359.627	1327.052
29.0	1554.303	1490.704	1406.163	1344.891	1313.091
29.5	1541.118	1477.519	1392.203	1330.155	1299.131
30.0	1528.708	1464.334	1378.242	1316.194	1284.394
30.5	1515.523	1451.924	1365.057	1302.233	1269.658
31.0	1502.338	1438.739	1351.096	1287.497	1254.921
31.5	1488.377	1424.778	1336.359	1272.760	1240.961
32.0	1475.192	1411.593	1322.399	1258.024	1226.224
32.5	1461.231	1397.632	1308.438	1243.287	1211.488
33.0	1448.046	1383.671	1293.701	1228.551	1196.751
33.5	1434.085	1369.710	1279.741	1214.590	1182.015
34.0	1420.124	1355.749	1265.780	1199.854	1167.279
34.5	1406.939	1341.013	1250.268	1185.117	1152.542
35.0	1392.978	1327.052	1236.307	1169.605	1137.806
35.5	1379.017	1312.316	1221.571	1154.869	1123.845
36.0	1364.281	1298.355	1207.610	1140.908	1109.109
36.5	1350.320	1283.619	1192.873	1126.172	1095.148
37.0	1336.359	1268.882	1178.137	1110.660	1080.411
37.5	1321.623	1254.146	1163.401	1096.699	1067.226
38.0	1307.662	1239.409	1148.664	1081.963	1052.490
38.5	1292.926	1224.673	1134.703	1068.002	1038.529
39.0	1278.189	1209.937	1119.191	1053.265	1024.568
39.5	1263.453	1195.200	1104.455	1039.305	1010.607
40.0	1247.941	1180.464	1089.719	1024.568	996.646
40.5	1232.429	1165.727	1074.982	1011.383	983.461
41.0	1217.693	1150.991	1060.246	997.422	968.725
41.5	1202.181	1135.479	1045.509	983.461	954.764
42.0	1186.669	1120.743	1031.548	968.725	941.579
42.5	1171.932	1105.231	1016.812	954.764	927.618
43.0	1156.420	1090.494	1002.851	941.579	914.433
43.5	1140.908	1074.982	987.339	928.394	901.248
44.0	1125.396	1060.246	973.378	914.433	888.062
44.5	1109.884	1045.509	958.642	900.472	874.877
45.0	1095.148	1029.997	944.681	887.287	861.692
45.5	1079.636	1015.261	930.720	874.102	848.507
46.0	1064.124	1000.524	916.760	860.916	836.097
46.5	1049.387	985.012	902.023	847.731	822.912
47.0	1033.875	970.276	888.062	834.546	810.502
47.5	1019.139	955.540	874.877	820.585	798.093
48.0	1003.627	940.803	860.916	808.176	784.908
48.5	988.115	926.067	847.731	794.990	772.963
49.0	973.378	910.555	832.995	782.581	760.476
49.5	957.866	895.818	819.810	769.318	747.989
50.0	943.130	881.858	805.849	756.365	735.502
50.5	927.618	867.121	792.664	744.111	723.635
51.0	912.882	852.385	778.703	732.089	711.846
51.5	897.370	837.648	765.595	719.835	698.971
52.0	882.633	823.688	751.945	707.192	686.872
52.5	867.121	808.951	738.449	694.550	675.238
53.0	852.385	794.990	725.109	682.063	662.828
53.5	836.873	781.030	712.389	670.351	651.582
54.0	822.136	766.371	699.514	658.795	639.715
54.5	807.400	752.022	686.406	646.928	628.081

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55.0	791.888	737.984	673.376	634.674	616.447
55.5	777.152	724.101	660.734	622.264	604.580
56.0	762.338	710.295	648.402	610.320	593.334
56.5	747.834	696.644	635.837	599.074	582.166
57.0	733.253	682.839	623.428	587.983	571.462
57.5	718.982	669.343	611.406	576.271	560.371
58.0	704.788	656.080	599.151	564.327	548.970
58.5	691.060	642.818	586.664	552.615	537.879
59.0	677.022	629.943	574.255	541.292	527.486
59.5	663.216	617.068	562.155	530.200	516.783
60.0	649.333	604.348	550.521	519.420	505.769
60.5	635.837	591.628	539.042	508.561	494.988
61.0	622.419	578.831	527.408	497.470	484.595
61.5	608.924	566.033	515.309	486.301	473.892
62.0	595.428	553.624	503.520	475.288	463.189
62.5	582.011	541.369	492.351	464.662	452.795
63.0	568.515	528.882	481.648	454.269	442.635
63.5	554.942	516.472	470.945	444.497	432.475
64.0	541.447	503.985	459.931	434.724	422.314
64.5	527.951	491.576	448.530	424.176	412.387
65.0	514.378	479.321	437.361	413.162	402.614
65.5	500.883	466.989	426.813	403.235	392.997
66.0	487.465	454.657	416.497	394.315	383.767
66.5	473.969	442.402	406.027	385.163	374.382
67.0	460.552	430.303	395.091	375.235	364.765
67.5	447.211	418.281	384.077	364.532	354.992
68.0	433.871	406.104	373.064	353.519	344.987
68.5	420.686	394.005	362.128	343.281	335.059
69.0	407.656	381.906	351.735	333.741	325.442
69.5	394.625	370.116	341.497	324.279	315.747
70.0	381.673	358.327	330.638	313.885	305.509
70.5	368.953	346.461	319.547	302.717	295.349
71.0	356.156	334.594	308.611	292.014	285.343
71.5	343.591	322.882	297.908	282.396	275.648
72.0	331.104	311.559	287.670	273.477	266.264
72.5	318.772	300.390	277.820	264.247	257.267
73.0	306.672	289.299	267.815	254.397	248.115
73.5	294.651	278.130	257.499	244.547	238.652
74.0	282.861	267.117	247.184	235.084	229.655
74.5	271.227	256.336	237.411	226.165	221.201
75.0	259.826	245.865	228.027	217.401	212.515
75.5	248.580	235.472	218.797	208.559	203.595
76.0	237.489	225.157	209.335	199.795	195.141
76.5	226.553	214.764	199.950	190.798	186.842
77.0	215.694	204.603	190.487	181.956	178.233
77.5	205.069	194.598	181.490	173.269	169.469
78.0	194.443	184.670	172.726	164.815	161.170
78.5	183.972	174.898	163.962	156.439	153.259
79.0	173.812	165.358	155.198	148.217	145.425
79.5	163.729	155.973	146.588	140.151	137.669
80.0	153.879	146.744	138.212	132.085	129.836
80.5	144.107	137.669	129.913	124.096	121.847
81.0	134.644	128.750	121.537	116.262	114.013
81.5	125.415	120.063	113.470	108.662	106.567
82.0	116.340	111.686	105.792	101.371	99.432
82.5	107.498	103.465	98.191	94.313	92.529

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CANDELA TABULATION - (Cont.)

83.0	98.811	95.321	90.745	87.177	85.781
83.5	90.280	87.255	83.222	80.120	79.034
84.0	81.981	79.499	75.699	73.139	72.131
84.5	73.915	71.898	68.408	66.314	65.461
85.0	66.004	64.452	61.583	59.721	59.333
85.5	58.248	57.084	54.913	53.516	53.594
86.0	50.724	49.794	48.397	47.777	47.777
86.5	43.434	42.813	41.882	41.727	41.882
87.0	36.298	36.065	35.522	35.522	35.755
87.5	29.473	29.240	29.318	29.705	29.861
88.0	22.880	23.035	23.733	24.276	24.509
88.5	16.753	17.296	18.614	18.770	18.925
89.0	11.324	12.177	12.953	11.712	11.634
89.5	7.834	8.066	6.050	5.739	6.360
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-L10-850-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 : LRX2-4-L10-850-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 : LRX2-4-L10-850-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	669.80	N.A.	15.70
0-30	1371.27	N.A.	32.10
0-40	2152.25	N.A.	50.40
0-60	3509.19	N.A.	82.20
0-80	4199.13	N.A.	98.30
0-90	4269.8	N.A.	100.00
10-90	4092.33	N.A.	95.80
20-40	1482.44	N.A.	34.70
20-50	2223.53	N.A.	52.10
40-70	1800.31	N.A.	42.20
60-80	689.94	N.A.	16.20
70-80	246.57	N.A.	5.80
80-90	70.67	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	4269.8	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	177.47
10-20	492.33
20-30	701.47
30-40	780.97
40-50	741.09
50-60	615.85
60-70	443.37
70-80	246.57
80-90	70.67
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-L10-850-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	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-L10-850-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

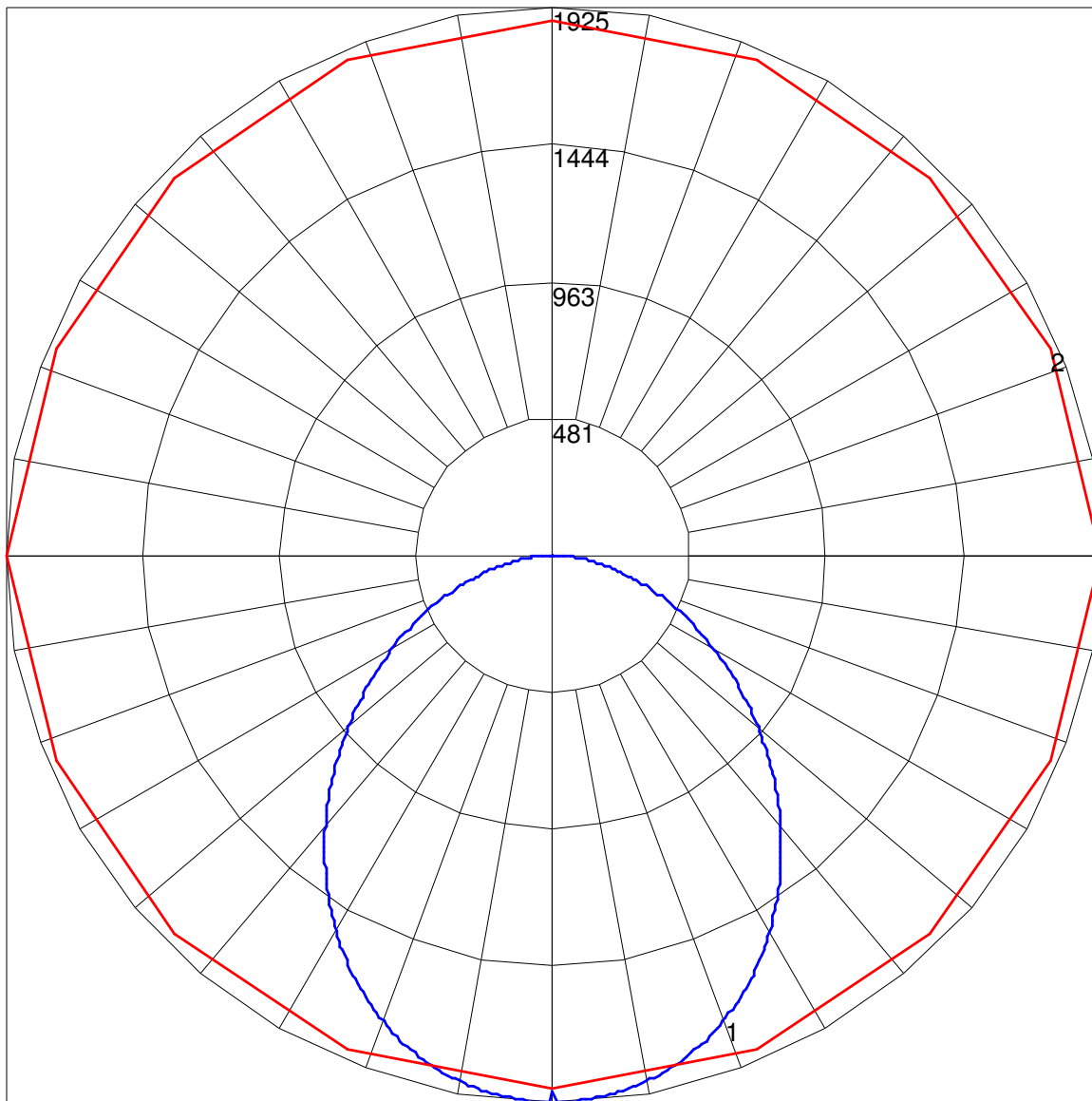
Reflectances

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					UGR Viewed Endwise				
X=2H	Y=2H	22.5	24.1	22.9	24.4	24.7	21.4	22.9	21.7	23.2	23.6
	3H	24.2	25.7	24.6	26.0	26.3	23.0	24.4	23.4	24.8	25.1
	4H	24.9	26.2	25.3	26.5	26.9	23.6	25.0	24.0	25.3	25.7
	6H	25.3	26.5	25.7	26.9	27.3	24.1	25.3	24.5	25.7	26.1
	8H	25.5	26.6	25.9	27.0	27.4	24.3	25.4	24.7	25.8	26.2
	12H	25.5	26.7	26.0	27.0	27.5	24.4	25.5	24.8	25.9	26.3
4H	2H	23.0	24.3	23.4	24.6	25.0	22.0	23.4	22.4	23.7	24.1
	3H	24.9	26.0	25.3	26.4	26.8	23.9	25.0	24.3	25.4	25.8
	4H	25.7	26.7	26.1	27.1	27.5	24.6	25.6	25.1	26.1	26.5
	6H	26.3	27.1	26.7	27.6	28.0	25.2	26.1	25.7	26.5	27.0
	8H	26.4	27.3	26.9	27.7	28.2	25.4	26.2	25.9	26.7	27.2
	12H	26.6	27.3	27.1	27.8	28.3	25.6	26.3	26.1	26.8	27.3
8H	4H	25.9	26.7	26.3	27.1	27.6	25.0	25.8	25.4	26.2	26.7
	6H	26.6	27.3	27.1	27.7	28.2	25.7	26.4	26.2	26.8	27.3
	8H	26.8	27.4	27.3	28.0	28.4	25.9	26.6	26.4	27.1	27.5
	12H	27.1	27.6	27.6	28.1	28.7	26.2	26.7	26.7	27.2	27.8
12H	4H	25.9	26.6	26.4	27.1	27.6	25.0	25.7	25.5	26.2	26.7
	6H	26.6	27.2	27.1	27.7	28.2	25.7	26.4	26.3	26.8	27.4
	8H	26.9	27.5	27.4	28.0	28.5	26.1	26.6	26.6	27.1	27.7

Maximum UGR = 28.7

POLAR GRAPH



Maximum Candela = 1925.04 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.)