



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-6-L8-950-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] LRX2-6-L8-950-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	4272
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	103
Total Luminaire Watts	41.4
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)	6.00 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	16631	14346	13086
55	14825	12607	11541
65	13070	11113	10230
75	10780	9461	8817
85	8132	7587	7310

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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	1892.717	1892.717	1892.717	1892.717	1892.717
0.5	1926.086	1894.269	1883.405	1888.061	1878.749
1.0	1926.086	1893.493	1883.405	1888.061	1877.973
1.5	1925.310	1893.493	1882.629	1887.285	1877.197
2.0	1924.534	1891.941	1881.077	1886.509	1874.869
2.5	1923.758	1890.389	1880.301	1884.181	1873.317
3.0	1922.206	1888.837	1877.973	1882.629	1870.212
3.5	1920.654	1887.285	1875.645	1879.525	1867.108
4.0	1919.102	1885.733	1873.317	1877.197	1864.780
4.5	1917.550	1883.405	1870.989	1874.093	1860.900
5.0	1915.998	1881.077	1867.108	1870.212	1857.020
5.5	1912.894	1877.973	1864.004	1865.556	1851.588
6.0	1910.566	1874.869	1860.124	1861.676	1846.932
6.5	1908.238	1872.541	1856.244	1856.244	1841.500
7.0	1905.133	1868.660	1852.364	1850.812	1836.068
7.5	1902.029	1865.556	1847.708	1845.380	1829.859
8.0	1898.925	1860.900	1843.052	1839.172	1824.427
8.5	1895.045	1857.020	1837.620	1832.963	1817.443
9.0	1891.165	1853.140	1832.187	1825.979	1810.459
9.5	1887.285	1848.484	1825.979	1818.219	1802.699
10.0	1883.405	1843.828	1819.771	1811.235	1795.714
10.5	1878.749	1839.172	1813.563	1803.475	1786.402
11.0	1874.093	1833.739	1806.579	1795.714	1777.866
11.5	1868.660	1828.307	1799.595	1787.178	1769.330
12.0	1863.228	1822.099	1791.834	1778.642	1760.017
12.5	1858.572	1815.891	1784.074	1769.330	1749.929
13.0	1852.364	1809.683	1776.314	1760.017	1740.617
13.5	1846.156	1802.699	1767.778	1749.929	1730.529
14.0	1840.724	1795.714	1760.017	1740.617	1720.440
14.5	1833.739	1788.730	1750.705	1730.529	1709.576
15.0	1827.531	1781.746	1742.169	1719.664	1699.488
15.5	1820.547	1773.986	1732.081	1708.800	1687.847
16.0	1815.115	1767.002	1722.768	1697.936	1676.207
16.5	1809.683	1759.241	1712.680	1686.295	1664.567
17.0	1802.699	1751.481	1702.592	1674.655	1652.926
17.5	1792.610	1743.721	1692.503	1663.015	1640.510
18.0	1783.298	1736.737	1682.415	1650.598	1627.318
18.5	1773.986	1727.424	1671.551	1638.182	1614.125
19.0	1766.226	1717.336	1660.687	1624.990	1600.933
19.5	1757.689	1707.248	1649.822	1611.797	1586.965
20.0	1749.153	1697.160	1638.182	1599.381	1572.220
20.5	1739.841	1687.071	1627.318	1586.189	1558.252
21.0	1730.529	1677.759	1615.677	1572.220	1543.507
21.5	1721.216	1667.671	1604.037	1559.028	1529.539
22.0	1711.128	1656.806	1591.621	1545.059	1514.795
22.5	1701.816	1646.718	1579.980	1530.315	1500.826
23.0	1690.951	1635.854	1569.116	1516.347	1486.858
23.5	1680.863	1624.214	1556.700	1502.378	1472.113
24.0	1669.999	1613.349	1542.731	1488.410	1458.145
24.5	1659.135	1601.709	1529.539	1474.441	1443.401
25.0	1648.270	1590.845	1515.571	1459.697	1428.656
25.5	1637.406	1578.428	1502.378	1445.729	1413.912
26.0	1625.766	1566.788	1488.410	1430.984	1399.943
26.5	1614.901	1554.372	1475.217	1417.016	1385.975

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CANDELA TABULATION - (Cont.)

27.0	1602.485	1542.731	1461.249	1403.047	1371.230
27.5	1590.845	1529.539	1448.057	1389.079	1355.710
28.0	1579.204	1517.123	1434.088	1375.111	1341.742
28.5	1567.564	1504.706	1420.120	1360.366	1327.773
29.0	1555.148	1491.514	1406.927	1345.622	1313.805
29.5	1541.955	1478.321	1392.959	1330.877	1299.836
30.0	1529.539	1465.129	1378.991	1316.909	1285.092
30.5	1516.347	1452.713	1365.798	1302.941	1270.348
31.0	1503.154	1439.520	1351.830	1288.196	1255.603
31.5	1489.186	1425.552	1337.086	1273.452	1241.635
32.0	1475.993	1412.360	1323.117	1258.707	1226.890
32.5	1462.025	1398.391	1309.149	1243.963	1212.146
33.0	1448.833	1384.423	1294.404	1229.218	1197.402
33.5	1434.864	1370.454	1280.436	1215.250	1182.657
34.0	1420.896	1356.486	1266.468	1200.506	1167.913
34.5	1407.704	1341.742	1250.947	1185.761	1153.168
35.0	1393.735	1327.773	1236.979	1170.241	1138.424
35.5	1379.767	1313.029	1222.234	1155.496	1124.456
36.0	1365.022	1299.060	1208.266	1141.528	1109.711
36.5	1351.054	1284.316	1193.521	1126.784	1095.743
37.0	1337.086	1269.572	1178.777	1111.263	1080.998
37.5	1322.341	1254.827	1164.033	1097.295	1067.806
38.0	1308.373	1240.083	1149.288	1082.550	1053.062
38.5	1293.628	1225.338	1135.320	1068.582	1039.093
39.0	1278.884	1210.594	1119.799	1053.838	1025.125
39.5	1264.139	1195.850	1105.055	1039.869	1011.156
40.0	1248.619	1181.105	1090.311	1025.125	997.188
40.5	1233.099	1166.361	1075.566	1011.932	983.996
41.0	1218.354	1151.616	1060.822	997.964	969.251
41.5	1202.834	1136.096	1046.077	983.996	955.283
42.0	1187.313	1121.351	1032.109	969.251	942.090
42.5	1172.569	1105.831	1017.365	955.283	928.122
43.0	1157.048	1091.087	1003.396	942.090	914.930
43.5	1141.528	1075.566	987.876	928.898	901.737
44.0	1126.008	1060.822	973.907	914.930	888.545
44.5	1110.487	1046.077	959.163	900.961	875.353
45.0	1095.743	1030.557	945.195	887.769	862.160
45.5	1080.222	1015.813	931.226	874.577	848.968
46.0	1064.702	1001.068	917.258	861.384	836.551
46.5	1049.957	985.548	902.513	848.192	823.359
47.0	1034.437	970.803	888.545	834.999	810.943
47.5	1019.693	956.059	875.353	821.031	798.526
48.0	1004.172	941.314	861.384	808.615	785.334
48.5	988.652	926.570	848.192	795.422	773.383
49.0	973.907	911.050	833.447	783.006	760.889
49.5	958.387	896.305	820.255	769.736	748.395
50.0	943.642	882.337	806.287	756.776	735.901
50.5	928.122	867.592	793.094	744.515	724.028
51.0	913.378	852.848	779.126	732.487	712.233
51.5	897.857	838.104	766.011	720.226	699.351
52.0	883.113	824.135	752.353	707.577	687.245
52.5	867.592	809.391	738.850	694.928	675.605
53.0	852.848	795.422	725.503	682.434	663.188
53.5	837.327	781.454	712.776	670.716	651.936
54.0	822.583	766.787	699.894	659.153	640.063
54.5	807.839	752.431	686.779	647.280	628.422

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55.0	792.318	738.385	673.742	635.019	616.782
55.5	777.574	724.494	661.093	622.602	604.909
56.0	762.752	710.681	648.754	610.652	593.657
56.5	748.240	697.023	636.183	599.399	582.482
57.0	733.651	683.210	623.766	588.302	571.773
57.5	719.372	669.707	611.738	576.584	560.676
58.0	705.171	656.437	599.477	564.633	549.268
58.5	691.435	643.167	586.983	552.916	538.171
59.0	677.389	630.285	574.567	541.586	527.772
59.5	663.576	617.403	562.461	530.488	517.063
60.0	649.685	604.676	550.820	519.702	506.044
60.5	636.183	591.949	539.335	508.837	495.257
61.0	622.757	579.145	527.695	497.740	484.858
61.5	609.255	566.341	515.589	486.566	474.149
62.0	595.752	553.924	503.793	475.546	463.440
62.5	582.327	541.663	492.619	464.915	453.042
63.0	568.824	529.169	481.910	454.516	442.876
63.5	555.244	516.753	471.200	444.738	432.710
64.0	541.741	504.259	460.181	434.960	422.544
64.5	528.238	491.843	448.773	424.406	412.611
65.0	514.658	479.581	437.599	413.387	402.833
65.5	501.155	467.243	427.045	403.454	393.210
66.0	487.730	454.904	416.724	394.529	383.976
66.5	474.227	442.643	406.247	385.372	374.586
67.0	460.802	430.537	395.305	375.439	364.963
67.5	447.454	418.509	384.286	364.730	355.185
68.0	434.107	406.325	373.266	353.711	345.174
68.5	420.914	394.219	362.325	343.467	335.241
69.0	407.877	382.113	351.926	333.922	325.619
69.5	394.840	370.318	341.682	324.455	315.918
70.0	381.880	358.522	330.818	314.056	305.675
70.5	369.154	346.649	319.721	302.881	295.509
71.0	356.349	334.776	308.779	292.172	285.498
71.5	343.778	323.058	298.070	282.550	275.798
72.0	331.284	311.728	287.826	273.625	266.408
72.5	318.945	300.553	277.971	264.391	257.406
73.0	306.839	289.456	267.960	254.535	248.249
73.5	294.811	278.281	257.639	244.680	238.782
74.0	283.015	267.262	247.318	235.212	229.780
74.5	271.375	256.475	237.540	226.288	221.321
75.0	259.967	245.999	228.150	217.519	212.630
75.5	248.715	235.600	218.916	208.672	203.706
76.0	237.618	225.279	209.448	199.903	195.247
76.5	226.676	214.880	200.058	190.901	186.944
77.0	215.812	204.715	190.591	182.055	178.330
77.5	205.180	194.704	181.589	173.363	169.561
78.0	194.549	184.771	172.820	164.905	161.257
78.5	184.072	174.993	164.051	156.524	153.342
79.0	173.906	165.448	155.282	148.298	145.504
79.5	163.818	156.058	146.668	140.227	137.744
80.0	153.963	146.823	138.287	132.157	129.906
80.5	144.185	137.744	129.984	124.163	121.913
81.0	134.717	128.820	121.603	116.326	114.075
81.5	125.483	120.128	113.532	108.721	106.625
82.0	116.403	111.747	105.849	101.426	99.486
82.5	107.557	103.521	98.244	94.364	92.579

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CANDELA TABULATION - (Cont.)

83.0	98.865	95.373	90.795	87.225	85.828
83.5	90.329	87.302	83.267	80.163	79.077
84.0	82.026	79.542	75.740	73.179	72.170
84.5	73.955	71.937	68.445	66.350	65.496
85.0	66.039	64.487	61.616	59.754	59.366
85.5	58.279	57.115	54.942	53.546	53.623
86.0	50.752	49.821	48.424	47.803	47.803
86.5	43.457	42.836	41.905	41.750	41.905
87.0	36.318	36.085	35.542	35.542	35.775
87.5	29.489	29.256	29.334	29.722	29.877
88.0	22.893	23.048	23.746	24.289	24.522
88.5	16.762	17.305	18.625	18.780	18.935
89.0	11.330	12.184	12.960	11.718	11.640
89.5	7.838	8.071	6.053	5.743	6.363
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 : LRX2-6-L8-950-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 : LRX2-6-L8-950-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 : LRX2-6-L8-950-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	670.16	N.A.	15.70
0-30	1372.02	N.A.	32.10
0-40	2153.42	N.A.	50.40
0-60	3511.09	N.A.	82.20
0-80	4201.41	N.A.	98.30
0-90	4272.12	N.A.	100.00
10-90	4094.55	N.A.	95.80
20-40	1483.25	N.A.	34.70
20-50	2224.74	N.A.	52.10
40-70	1801.29	N.A.	42.20
60-80	690.32	N.A.	16.20
70-80	246.71	N.A.	5.80
80-90	70.71	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	4272.12	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	177.57
10-20	492.60
20-30	701.85
30-40	781.40
40-50	741.49
50-60	616.19
60-70	443.61
70-80	246.71
80-90	70.71
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 : LRX2-6-L8-950-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	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 : LRX2-6-L8-950-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

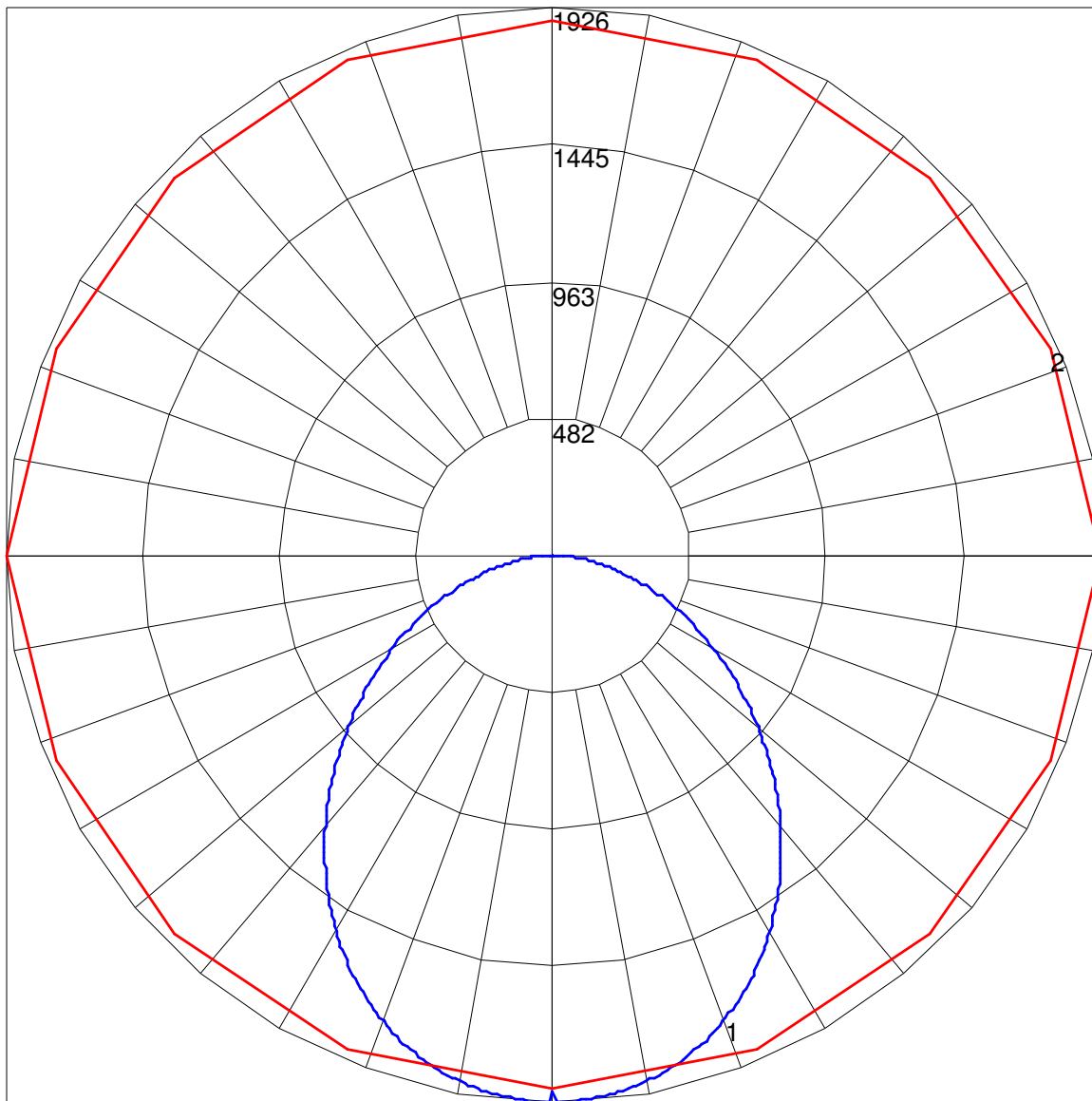
Reflectances

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	21.2	22.8	21.6	23.1	23.4	20.1	21.6	20.4	21.9	22.2
	3H	22.9	24.4	23.3	24.7	25.0	21.7	23.1	22.1	23.5	23.8
	4H	23.5	24.9	23.9	25.2	25.6	22.3	23.7	22.7	24.0	24.4
	6H	24.0	25.2	24.4	25.6	26.0	22.8	24.0	23.2	24.4	24.8
	8H	24.1	25.3	24.6	25.7	26.1	22.9	24.1	23.4	24.5	24.9
	12H	24.2	25.4	24.7	25.7	26.2	23.0	24.2	23.5	24.6	25.0
4H	2H	21.7	23.0	22.1	23.3	23.7	20.7	22.0	21.1	22.4	22.8
	3H	23.6	24.7	24.0	25.1	25.5	22.6	23.7	23.0	24.1	24.5
	4H	24.4	25.4	24.8	25.8	26.2	23.3	24.3	23.8	24.8	25.2
	6H	24.9	25.8	25.4	26.3	26.7	23.9	24.8	24.4	25.2	25.7
	8H	25.1	25.9	25.6	26.4	26.9	24.1	24.9	24.6	25.4	25.8
	12H	25.3	26.0	25.8	26.5	27.0	24.3	25.0	24.8	25.5	25.9
8H	4H	24.6	25.4	25.0	25.8	26.3	23.7	24.5	24.1	24.9	25.4
	6H	25.3	25.9	25.8	26.4	26.9	24.4	25.0	24.9	25.5	26.0
	8H	25.5	26.1	26.0	26.6	27.1	24.6	25.2	25.1	25.8	26.2
	12H	25.8	26.3	26.3	26.8	27.3	24.9	25.4	25.4	25.9	26.5
12H	4H	24.6	25.3	25.1	25.8	26.3	23.7	24.4	24.2	24.9	25.4
	6H	25.3	25.9	25.8	26.4	26.9	24.4	25.1	25.0	25.5	26.1
	8H	25.6	26.2	26.1	26.7	27.2	24.8	25.3	25.3	25.8	26.4

Maximum UGR = 27.3

POLAR GRAPH



Maximum Candela = 1926.086 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.)