



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-6-L8-930-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-L8-930-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	3936
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	95
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	15323	13218	12057
55	13659	11615	10633
65	12042	10239	9425
75	9932	8717	8124
85	7492	6991	6735

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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	1743.852	1743.852	1743.852	1743.852	1743.852
0.5	1774.596	1745.282	1735.272	1739.562	1730.982
1.0	1774.596	1744.567	1735.272	1739.562	1730.267
1.5	1773.881	1744.567	1734.557	1738.847	1729.552
2.0	1773.166	1743.137	1733.127	1738.132	1727.407
2.5	1772.451	1741.707	1732.412	1735.987	1725.977
3.0	1771.021	1740.277	1730.267	1734.557	1723.117
3.5	1769.591	1738.847	1728.122	1731.697	1720.257
4.0	1768.161	1737.417	1725.977	1729.552	1718.112
4.5	1766.731	1735.272	1723.832	1726.692	1714.537
5.0	1765.301	1733.127	1720.257	1723.117	1710.962
5.5	1762.441	1730.267	1717.397	1718.827	1705.958
6.0	1760.296	1727.407	1713.822	1715.252	1701.668
6.5	1758.152	1725.262	1710.247	1710.247	1696.663
7.0	1755.292	1721.687	1706.672	1705.243	1691.658
7.5	1752.432	1718.827	1702.383	1700.238	1685.938
8.0	1749.572	1714.537	1698.093	1694.518	1680.933
8.5	1745.997	1710.962	1693.088	1688.798	1674.498
9.0	1742.422	1707.387	1688.083	1682.363	1668.063
9.5	1738.847	1703.098	1682.363	1675.213	1660.913
10.0	1735.272	1698.808	1676.643	1668.778	1654.478
10.5	1730.982	1694.518	1670.923	1661.628	1645.899
11.0	1726.692	1689.513	1664.488	1654.478	1638.034
11.5	1721.687	1684.508	1658.053	1646.614	1630.169
12.0	1716.682	1678.788	1650.904	1638.749	1621.589
12.5	1712.392	1673.068	1643.754	1630.169	1612.294
13.0	1706.672	1667.348	1636.604	1621.589	1603.714
13.5	1700.953	1660.913	1628.739	1612.294	1594.420
14.0	1695.948	1654.478	1621.589	1603.714	1585.125
14.5	1689.513	1648.044	1613.009	1594.420	1575.115
15.0	1683.793	1641.609	1605.144	1584.410	1565.820
15.5	1677.358	1634.459	1595.850	1574.400	1555.095
16.0	1672.353	1628.024	1587.270	1564.390	1544.371
16.5	1667.348	1620.874	1577.975	1553.665	1533.646
17.0	1660.913	1613.724	1568.680	1542.941	1522.921
17.5	1651.619	1606.574	1559.385	1532.216	1511.481
18.0	1643.039	1600.140	1550.090	1520.776	1499.326
18.5	1634.459	1591.560	1540.081	1509.336	1487.172
19.0	1627.309	1582.265	1530.071	1497.181	1475.017
19.5	1619.444	1572.970	1520.061	1485.027	1462.147
20.0	1611.579	1563.675	1509.336	1473.587	1448.562
20.5	1602.999	1554.380	1499.326	1461.432	1435.693
21.0	1594.420	1545.801	1488.602	1448.562	1422.108
21.5	1585.840	1536.506	1477.877	1436.408	1409.238
22.0	1576.545	1526.496	1466.437	1423.538	1395.653
22.5	1567.965	1517.201	1455.712	1409.953	1382.784
23.0	1557.955	1507.191	1445.702	1397.083	1369.914
23.5	1548.661	1496.467	1434.263	1384.214	1356.329
24.0	1538.651	1486.457	1421.393	1371.344	1343.459
24.5	1528.641	1475.732	1409.238	1358.474	1329.875
25.0	1518.631	1465.722	1396.368	1344.889	1316.290
25.5	1508.621	1454.282	1384.214	1332.020	1302.705
26.0	1497.896	1443.558	1371.344	1318.435	1289.835
26.5	1487.887	1432.118	1359.189	1305.565	1276.966

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CANDELA TABULATION - (Cont.)

27.0	1476.447	1421.393	1346.319	1292.695	1263.381
27.5	1465.722	1409.238	1334.165	1279.826	1249.081
28.0	1454.997	1397.798	1321.295	1266.956	1236.211
28.5	1444.272	1386.359	1308.425	1253.371	1223.342
29.0	1432.833	1374.204	1296.270	1239.786	1210.472
29.5	1420.678	1362.049	1283.401	1226.202	1197.602
30.0	1409.238	1349.894	1270.531	1213.332	1184.017
30.5	1397.083	1338.455	1258.376	1200.462	1170.433
31.0	1384.929	1326.300	1245.506	1186.877	1156.848
31.5	1372.059	1313.430	1231.922	1173.293	1143.978
32.0	1359.904	1301.275	1219.052	1159.708	1130.393
32.5	1347.034	1288.405	1206.182	1146.123	1116.809
33.0	1334.880	1275.536	1192.597	1132.538	1103.224
33.5	1322.010	1262.666	1179.728	1119.669	1089.639
34.0	1309.140	1249.796	1166.858	1106.084	1076.055
34.5	1296.985	1236.211	1152.558	1092.499	1062.470
35.0	1284.116	1223.342	1139.688	1078.199	1048.885
35.5	1271.246	1209.757	1126.104	1064.615	1036.015
36.0	1257.661	1196.887	1113.234	1051.745	1022.431
36.5	1244.791	1183.302	1099.649	1038.160	1009.561
37.0	1231.922	1169.718	1086.064	1023.861	995.976
37.5	1218.337	1156.133	1072.480	1010.991	983.821
38.0	1205.467	1142.548	1058.895	997.406	970.237
38.5	1191.882	1128.964	1046.025	984.536	957.367
39.0	1178.298	1115.379	1031.725	970.952	944.497
39.5	1164.713	1101.794	1018.141	958.082	931.627
40.0	1150.413	1088.209	1004.556	944.497	918.758
40.5	1136.113	1074.625	990.971	932.342	906.603
41.0	1122.529	1061.040	977.386	919.472	893.018
41.5	1108.229	1046.740	963.802	906.603	880.148
42.0	1093.929	1033.155	950.932	893.018	867.993
42.5	1080.344	1018.856	937.347	880.148	855.124
43.0	1066.045	1005.271	924.477	867.993	842.969
43.5	1051.745	990.971	910.178	855.839	830.814
44.0	1037.445	977.386	897.308	842.969	818.659
44.5	1023.146	963.802	883.723	830.099	806.505
45.0	1009.561	949.502	870.853	817.944	794.350
45.5	995.261	935.917	857.984	805.790	782.195
46.0	980.961	922.332	845.114	793.635	770.755
46.5	967.377	908.033	831.529	781.480	758.601
47.0	953.077	894.448	818.659	769.325	747.161
47.5	939.492	880.863	806.505	756.456	735.721
48.0	925.192	867.278	793.635	745.016	723.566
48.5	910.893	853.694	781.480	732.861	712.555
49.0	897.308	839.394	767.895	721.421	701.044
49.5	883.008	825.809	755.741	709.195	689.533
50.0	869.423	812.940	742.871	697.255	678.022
50.5	855.124	799.355	730.716	685.958	667.082
51.0	841.539	785.770	717.846	674.876	656.215
51.5	827.239	772.185	705.763	663.579	644.346
52.0	813.655	759.316	693.179	651.925	633.192
52.5	799.355	745.731	680.739	640.270	622.467
53.0	785.770	732.861	668.441	628.759	611.027
53.5	771.470	719.991	656.715	617.963	600.660
54.0	757.886	706.478	644.846	607.309	589.721
54.5	744.301	693.251	632.763	596.370	578.996

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55.0	730.001	680.310	620.751	585.073	568.271
55.5	716.416	667.511	609.097	573.634	557.332
56.0	702.760	654.785	597.729	562.623	546.965
56.5	689.390	642.201	586.146	552.255	536.669
57.0	675.948	629.474	574.706	542.031	526.802
57.5	662.792	617.033	563.624	531.235	516.578
58.0	649.708	604.807	552.327	520.224	506.067
58.5	637.053	592.581	540.816	509.428	495.843
59.0	624.112	580.712	529.376	498.989	486.262
59.5	611.385	568.843	518.222	488.765	476.395
60.0	598.587	557.117	507.497	478.826	466.243
60.5	586.146	545.392	496.916	468.817	456.304
61.0	573.777	533.594	486.191	458.592	446.723
61.5	561.336	521.797	475.037	448.296	436.857
62.0	548.895	510.357	464.169	438.144	426.990
62.5	536.526	499.060	453.873	428.348	417.409
63.0	524.085	487.549	444.007	418.768	408.043
63.5	511.573	476.109	434.140	409.759	398.676
64.0	499.132	464.598	423.987	400.750	389.310
64.5	486.691	453.158	413.477	391.026	380.158
65.0	474.179	441.862	403.181	380.873	371.149
65.5	461.738	430.493	393.457	371.721	362.284
66.0	449.369	419.125	383.948	363.499	353.775
66.5	436.928	407.828	374.295	355.062	345.124
67.0	424.559	396.674	364.214	345.910	336.258
67.5	412.261	385.592	354.061	336.044	327.249
68.0	399.963	374.367	343.908	325.891	318.026
68.5	387.809	363.213	333.827	316.453	308.874
69.0	375.797	352.059	324.246	307.659	300.008
69.5	363.785	341.192	314.809	298.936	291.071
70.0	351.845	330.324	304.799	289.355	281.633
70.5	340.119	319.384	294.574	279.059	272.267
71.0	328.322	308.445	284.493	269.192	263.043
71.5	316.739	297.649	274.626	260.327	254.106
72.0	305.228	287.210	265.188	252.104	245.455
72.5	293.859	276.914	256.108	243.596	237.161
73.0	282.706	266.690	246.885	234.516	228.724
73.5	271.623	256.394	237.375	225.435	220.001
74.0	260.756	246.241	227.866	216.712	211.707
74.5	250.031	236.303	218.857	208.490	203.914
75.0	239.520	226.651	210.206	200.411	195.906
75.5	229.153	217.070	201.698	192.260	187.684
76.0	218.929	207.561	192.975	184.180	179.891
76.5	208.848	197.980	184.323	175.887	172.240
77.0	198.838	188.613	175.601	167.736	164.304
77.5	189.042	179.390	167.307	159.728	156.225
78.0	179.247	170.238	159.227	151.935	148.574
78.5	169.595	161.229	151.148	144.213	141.281
79.0	160.228	152.435	143.069	136.634	134.060
79.5	150.934	143.784	135.132	129.198	126.910
80.0	141.853	135.275	127.411	121.762	119.689
80.5	132.844	126.910	119.760	114.398	112.324
81.0	124.122	118.688	112.038	107.176	105.103
81.5	115.613	110.680	104.603	100.170	98.239
82.0	107.248	102.958	97.524	93.449	91.661
82.5	99.097	95.379	90.517	86.942	85.298

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CANDELA TABULATION - (Cont.)

83.0	91.089	87.872	83.653	80.364	79.077
83.5	83.224	80.436	76.718	73.858	72.857
84.0	75.574	73.286	69.783	67.423	66.494
84.5	68.138	66.279	63.062	61.131	60.345
85.0	60.845	59.415	56.770	55.054	54.696
85.5	53.695	52.623	50.621	49.334	49.406
86.0	46.760	45.902	44.615	44.043	44.043
86.5	40.039	39.467	38.609	38.466	38.609
87.0	33.461	33.247	32.746	32.746	32.961
87.5	27.169	26.955	27.026	27.384	27.527
88.0	21.092	21.235	21.879	22.379	22.594
88.5	15.444	15.944	17.160	17.303	17.446
89.0	10.439	11.225	11.940	10.796	10.725
89.5	7.221	7.436	5.577	5.291	5.863
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-L8-930-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-L8-930-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-L8-930-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	617.46	N.A.	15.70
0-30	1264.11	N.A.	32.10
0-40	1984.05	N.A.	50.40
0-60	3234.94	N.A.	82.20
0-80	3870.96	N.A.	98.30
0-90	3936.11	N.A.	100.00
10-90	3772.51	N.A.	95.80
20-40	1366.59	N.A.	34.70
20-50	2049.76	N.A.	52.10
40-70	1659.61	N.A.	42.20
60-80	636.02	N.A.	16.20
70-80	227.30	N.A.	5.80
80-90	65.15	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	3936.11	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	163.60
10-20	453.85
20-30	646.65
30-40	719.94
40-50	683.17
50-60	567.72
60-70	408.72
70-80	227.30
80-90	65.15
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-L8-930-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-L8-930-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

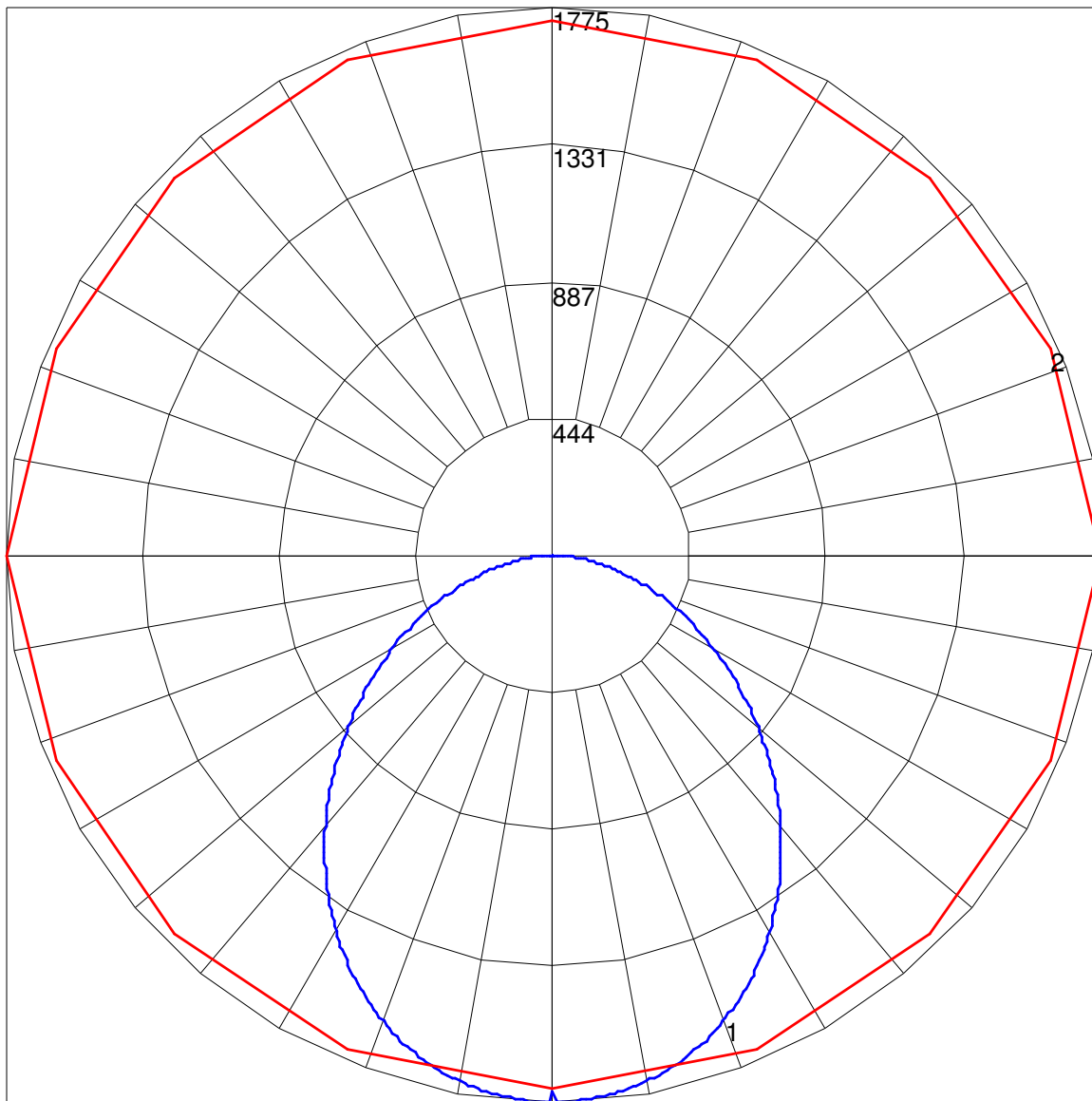
Reflectances

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	20.9	22.5	21.3	22.8	23.1	19.8	21.3	20.1	21.6	21.9
	3H	22.6	24.0	23.0	24.4	24.7	21.4	22.8	21.8	23.2	23.5
	4H	23.2	24.6	23.6	24.9	25.3	22.0	23.4	22.4	23.7	24.1
	6H	23.7	24.9	24.1	25.3	25.7	22.5	23.7	22.9	24.1	24.5
	8H	23.8	25.0	24.3	25.4	25.8	22.6	23.8	23.1	24.2	24.6
	12H	23.9	25.1	24.4	25.4	25.9	22.7	23.9	23.2	24.3	24.7
4H	2H	21.4	22.7	21.8	23.0	23.4	20.4	21.7	20.8	22.1	22.5
	3H	23.3	24.4	23.7	24.8	25.2	22.3	23.4	22.7	23.8	24.2
	4H	24.1	25.1	24.5	25.5	25.9	23.0	24.0	23.5	24.5	24.9
	6H	24.6	25.5	25.1	26.0	26.4	23.6	24.5	24.1	24.9	25.4
	8H	24.8	25.6	25.3	26.1	26.6	23.8	24.6	24.3	25.1	25.5
	12H	25.0	25.7	25.5	26.2	26.6	24.0	24.7	24.5	25.2	25.6
8H	4H	24.3	25.1	24.7	25.5	26.0	23.4	24.2	23.8	24.6	25.1
	6H	25.0	25.6	25.5	26.1	26.6	24.1	24.7	24.6	25.2	25.7
	8H	25.2	25.8	25.7	26.3	26.8	24.3	24.9	24.8	25.5	25.9
	12H	25.4	26.0	26.0	26.5	27.0	24.6	25.1	25.1	25.6	26.2
12H	4H	24.3	25.0	24.8	25.5	26.0	23.4	24.1	23.9	24.6	25.1
	6H	25.0	25.6	25.5	26.1	26.6	24.1	24.8	24.7	25.2	25.8
	8H	25.3	25.9	25.8	26.4	26.9	24.5	25.0	25.0	25.5	26.1

Maximum UGR = 27.0

POLAR GRAPH



Maximum Candela = 1774.596 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.)