



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-6-L8-935-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-L8-935-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	3984
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	96
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	15510	13379	12204
55	13826	11757	10763
65	12189	10364	9540
75	10053	8823	8223
85	7584	7076	6817

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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	1765.118	1765.118	1765.118	1765.118	1765.118
0.5	1796.238	1766.566	1756.434	1760.776	1752.092
1.0	1796.238	1765.842	1756.434	1760.776	1751.368
1.5	1795.514	1765.842	1755.710	1760.052	1750.644
2.0	1794.790	1764.395	1754.263	1759.329	1748.473
2.5	1794.066	1762.947	1753.539	1757.157	1747.026
3.0	1792.619	1761.500	1751.368	1755.710	1744.131
3.5	1791.172	1760.052	1749.197	1752.815	1741.236
4.0	1789.724	1758.605	1747.026	1750.644	1739.065
4.5	1788.277	1756.434	1744.854	1747.749	1735.446
5.0	1786.829	1754.263	1741.236	1744.131	1731.828
5.5	1783.935	1751.368	1738.341	1739.789	1726.762
6.0	1781.763	1748.473	1734.723	1736.170	1722.420
6.5	1779.592	1746.302	1731.104	1731.104	1717.354
7.0	1776.698	1742.683	1727.486	1726.038	1712.288
7.5	1773.803	1739.789	1723.143	1720.972	1706.498
8.0	1770.908	1735.446	1718.801	1715.183	1701.432
8.5	1767.289	1731.828	1713.735	1709.393	1694.919
9.0	1763.671	1728.209	1708.669	1702.880	1688.405
9.5	1760.052	1723.867	1702.880	1695.642	1681.168
10.0	1756.434	1719.525	1697.090	1689.129	1674.655
10.5	1752.092	1715.183	1691.300	1681.892	1665.971
11.0	1747.749	1710.117	1684.787	1674.655	1658.010
11.5	1742.683	1705.051	1678.274	1666.694	1650.049
12.0	1737.617	1699.261	1671.036	1658.733	1641.365
12.5	1733.275	1693.471	1663.799	1650.049	1631.956
13.0	1727.486	1687.682	1656.562	1641.365	1623.272
13.5	1721.696	1681.168	1648.602	1631.956	1613.864
14.0	1716.630	1674.655	1641.365	1623.272	1604.456
14.5	1710.117	1668.142	1632.680	1613.864	1594.324
15.0	1704.327	1661.628	1624.719	1603.732	1584.916
15.5	1697.814	1654.391	1615.311	1593.600	1574.060
16.0	1692.748	1647.878	1606.627	1583.468	1563.204
16.5	1687.682	1640.641	1597.218	1572.613	1552.349
17.0	1681.168	1633.404	1587.810	1561.757	1541.493
17.5	1671.760	1626.167	1578.402	1550.901	1529.914
18.0	1663.076	1619.653	1568.994	1539.322	1517.611
18.5	1654.391	1610.969	1558.862	1527.743	1505.308
19.0	1647.154	1601.561	1548.730	1515.440	1493.005
19.5	1639.193	1592.153	1538.598	1503.137	1479.978
20.0	1631.233	1582.744	1527.743	1491.557	1466.228
20.5	1622.548	1573.336	1517.611	1479.254	1453.201
21.0	1613.864	1564.652	1506.755	1466.228	1439.451
21.5	1605.179	1555.244	1495.900	1453.925	1426.424
22.0	1595.771	1545.112	1484.320	1440.898	1412.674
22.5	1587.087	1535.704	1473.465	1427.148	1399.647
23.0	1576.955	1525.572	1463.333	1414.121	1386.620
23.5	1567.547	1514.716	1451.754	1401.094	1372.870
24.0	1557.415	1504.584	1438.727	1388.068	1359.843
24.5	1547.283	1493.729	1426.424	1375.041	1346.093
25.0	1537.151	1483.597	1413.397	1361.290	1332.342
25.5	1527.019	1472.017	1401.094	1348.264	1318.592
26.0	1516.163	1461.162	1388.068	1334.513	1305.565
26.5	1506.032	1449.583	1375.765	1321.487	1292.538

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CANDELA TABULATION - (Cont.)

27.0	1494.452	1438.727	1362.738	1308.460	1278.788
27.5	1483.597	1426.424	1350.435	1295.433	1264.314
28.0	1472.741	1414.845	1337.408	1282.407	1251.287
28.5	1461.886	1403.265	1324.381	1268.656	1238.260
29.0	1450.306	1390.962	1312.078	1254.906	1225.234
29.5	1438.003	1378.659	1299.052	1241.155	1212.207
30.0	1426.424	1366.356	1286.025	1228.129	1198.457
30.5	1414.121	1354.777	1273.722	1215.102	1184.706
31.0	1401.818	1342.474	1260.695	1201.351	1170.956
31.5	1388.791	1329.447	1246.945	1187.601	1157.929
32.0	1376.488	1317.144	1233.918	1173.851	1144.179
32.5	1363.462	1304.118	1220.892	1160.100	1130.428
33.0	1351.159	1291.091	1207.141	1146.350	1116.678
33.5	1338.132	1278.064	1194.114	1133.323	1102.928
34.0	1325.105	1265.038	1181.088	1119.573	1089.177
34.5	1312.802	1251.287	1166.614	1105.822	1075.427
35.0	1299.775	1238.260	1153.587	1091.348	1061.676
35.5	1286.749	1224.510	1139.836	1077.598	1048.650
36.0	1272.998	1211.483	1126.810	1064.571	1034.899
36.5	1259.972	1197.733	1113.059	1050.821	1021.872
37.0	1246.945	1183.983	1099.309	1036.347	1008.122
37.5	1233.195	1170.232	1085.559	1023.320	995.819
38.0	1220.168	1156.482	1071.808	1009.569	982.069
38.5	1206.417	1142.731	1058.781	996.543	969.042
39.0	1192.667	1128.981	1044.307	982.792	956.015
39.5	1178.917	1115.230	1030.557	969.766	942.989
40.0	1164.442	1101.480	1016.807	956.015	929.962
40.5	1149.968	1087.730	1003.056	943.712	917.659
41.0	1136.218	1073.979	989.306	930.686	903.908
41.5	1121.744	1059.505	975.555	917.659	890.882
42.0	1107.270	1045.755	962.529	903.908	878.579
42.5	1093.519	1031.281	948.778	890.882	865.552
43.0	1079.045	1017.530	935.751	878.579	853.249
43.5	1064.571	1003.056	921.277	866.276	840.946
44.0	1050.097	989.306	908.251	853.249	828.643
44.5	1035.623	975.555	894.500	840.222	816.340
45.0	1021.872	961.081	881.474	827.919	804.037
45.5	1007.398	947.331	868.447	815.616	791.734
46.0	992.924	933.580	855.420	803.313	780.155
46.5	979.174	919.106	841.670	791.010	767.852
47.0	964.700	905.356	828.643	778.707	756.272
47.5	950.949	891.605	816.340	765.681	744.693
48.0	936.475	877.855	803.313	754.101	732.390
48.5	922.001	864.105	791.010	741.798	721.245
49.0	908.251	849.631	777.260	730.219	709.593
49.5	893.777	835.880	764.957	717.844	697.942
50.0	880.026	822.853	751.930	705.758	686.290
50.5	865.552	809.103	739.627	694.323	675.217
51.0	851.802	795.353	726.601	683.106	664.217
51.5	837.328	781.602	714.370	671.671	652.204
52.0	823.577	768.575	701.633	659.875	640.914
52.5	809.103	754.825	689.040	648.078	630.058
53.0	795.353	741.798	676.592	636.427	618.479
53.5	780.878	728.772	664.724	625.499	607.985
54.0	767.128	715.094	652.710	614.716	596.912
54.5	753.378	701.705	640.480	603.643	586.057

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CANDELA TABULATION - (Cont.)

55.0	738.904	688.606	628.321	592.208	575.201
55.5	725.153	675.652	616.525	580.629	564.129
56.0	711.330	662.770	605.018	569.484	553.635
56.5	697.797	650.032	593.294	558.990	543.214
57.0	684.191	637.151	581.715	548.641	533.226
57.5	670.875	624.558	570.497	537.713	522.877
58.0	657.631	612.183	559.063	526.568	512.239
58.5	644.822	599.807	547.411	515.640	501.890
59.0	631.723	587.794	535.832	505.074	492.192
59.5	618.841	575.780	524.542	494.725	482.205
60.0	605.886	563.911	513.686	484.666	471.928
60.5	593.294	552.043	502.975	474.534	461.869
61.0	580.774	540.102	492.120	464.185	452.171
61.5	568.181	528.160	480.830	453.763	442.184
62.0	555.589	516.581	469.830	443.487	432.197
62.5	543.069	505.147	459.408	433.572	422.499
63.0	530.476	493.495	449.421	423.874	413.019
63.5	517.811	481.916	439.434	414.756	403.538
64.0	505.219	470.264	429.157	405.637	394.058
64.5	492.626	458.685	418.519	395.795	384.794
65.0	479.962	447.250	408.098	385.518	375.676
65.5	467.369	435.743	398.255	376.255	366.702
66.0	454.849	424.236	388.630	367.932	358.090
66.5	442.257	412.802	378.860	359.392	349.333
67.0	429.736	401.512	368.656	350.129	340.359
67.5	417.289	390.294	358.379	340.142	331.240
68.0	404.841	378.932	348.102	329.865	321.904
68.5	392.538	367.643	337.898	320.312	312.641
69.0	380.380	356.353	328.201	311.411	303.667
69.5	368.221	345.352	318.648	302.581	294.621
70.0	356.136	334.352	308.516	292.884	285.068
70.5	344.267	323.279	298.167	282.462	275.587
71.0	332.326	312.207	287.963	272.475	266.251
71.5	320.602	301.279	277.975	263.501	257.205
72.0	308.950	290.713	268.422	255.179	248.448
72.5	297.443	280.291	259.231	246.567	240.053
73.0	286.153	269.942	249.896	237.375	231.513
73.5	274.936	259.521	240.270	228.184	222.684
74.0	263.935	249.244	230.645	219.355	214.289
74.5	253.080	239.185	221.526	211.033	206.401
75.0	242.441	229.415	212.769	202.855	198.295
75.5	231.948	219.717	204.157	194.604	189.973
76.0	221.599	210.092	195.328	186.427	182.084
76.5	211.394	200.394	186.571	178.032	174.341
77.0	201.263	190.914	177.742	169.781	166.308
77.5	191.348	181.578	169.347	161.676	158.130
78.0	181.433	172.314	161.169	153.787	150.386
78.5	171.663	163.196	152.991	145.971	143.004
79.0	162.182	154.294	144.814	138.300	135.695
79.5	152.774	145.537	136.780	130.774	128.458
80.0	143.583	136.925	128.964	123.247	121.148
80.5	134.465	128.458	121.221	115.793	113.694
81.0	125.635	120.135	113.405	108.483	106.385
81.5	117.023	112.030	105.878	101.391	99.437
82.0	108.556	104.214	98.713	94.588	92.779
82.5	100.306	96.542	91.621	88.003	86.338

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CANDELA TABULATION - (Cont.)

83.0	92.200	88.943	84.674	81.345	80.042
83.5	84.239	81.417	77.654	74.759	73.746
84.0	76.496	74.180	70.634	68.245	67.305
84.5	68.969	67.088	63.831	61.877	61.081
85.0	61.587	60.140	57.462	55.725	55.363
85.5	54.350	53.265	51.238	49.936	50.008
86.0	47.330	46.462	45.159	44.580	44.580
86.5	40.528	39.949	39.080	38.935	39.080
87.0	33.869	33.652	33.146	33.146	33.363
87.5	27.501	27.284	27.356	27.718	27.863
88.0	21.349	21.494	22.145	22.652	22.869
88.5	15.632	16.139	17.369	17.514	17.658
89.0	10.566	11.362	12.086	10.928	10.856
89.5	7.309	7.527	5.645	5.355	5.934
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-L8-935-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-L8-935-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-L8-935-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	624.99	N.A.	15.70
0-30	1279.52	N.A.	32.10
0-40	2008.24	N.A.	50.40
0-60	3274.39	N.A.	82.20
0-80	3918.17	N.A.	98.30
0-90	3984.11	N.A.	100.00
10-90	3818.51	N.A.	95.80
20-40	1383.26	N.A.	34.70
20-50	2074.76	N.A.	52.10
40-70	1679.85	N.A.	42.20
60-80	643.78	N.A.	16.20
70-80	230.07	N.A.	5.80
80-90	65.94	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	3984.11	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	165.60
10-20	459.39
20-30	654.54
30-40	728.72
40-50	691.50
50-60	574.65
60-70	413.70
70-80	230.07
80-90	65.94
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-L8-935-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-L8-935-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

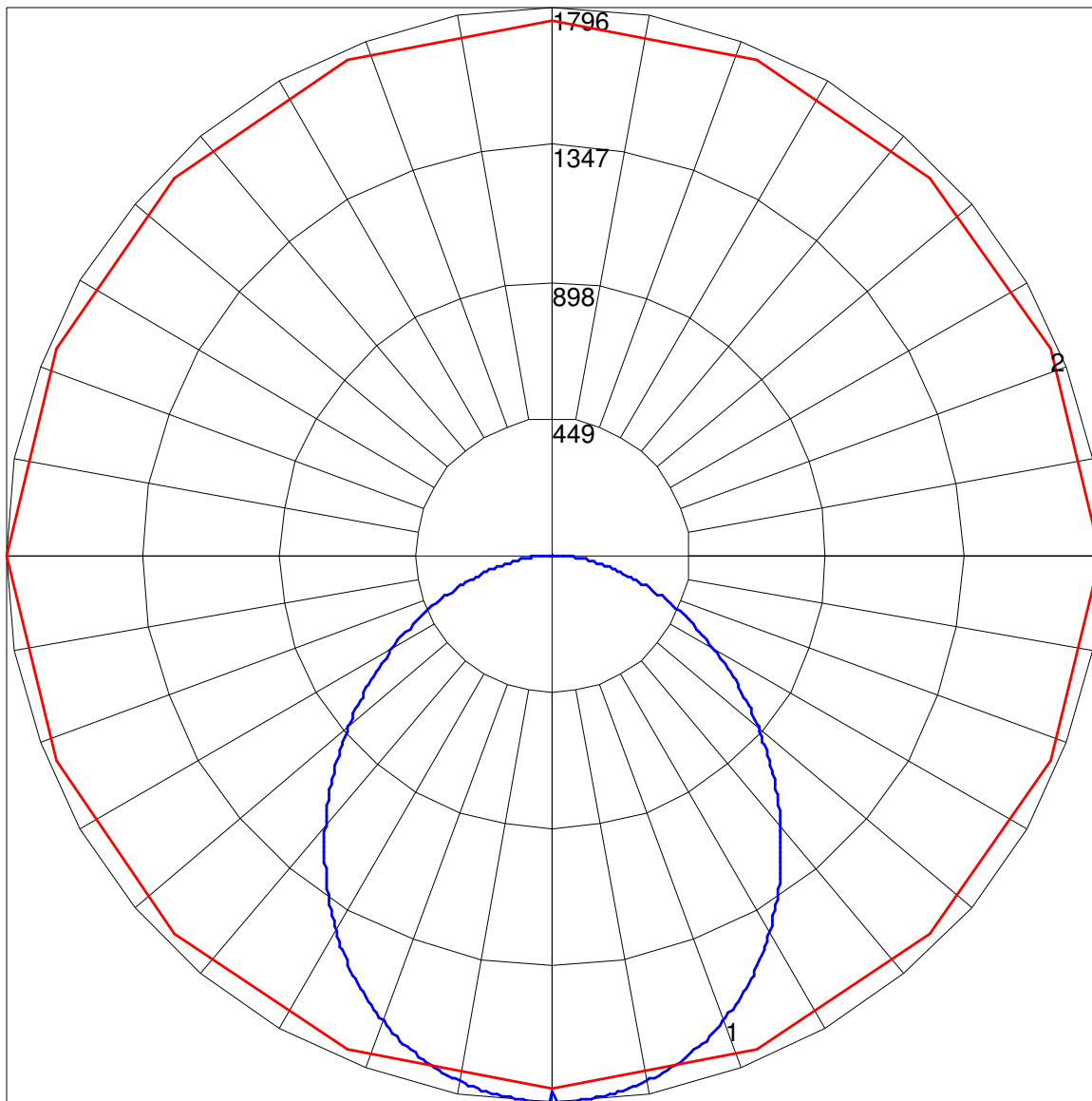
Reflectances

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 = 1796.238 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.)