



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-4-L8-835-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-L8-835-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	3200
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	116
Total Luminaire Watts	27.6
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	18687	16119	14703
55	16658	14165	12967
65	14685	12486	11494
75	12112	10630	9907
85	9137	8525	8214

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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	1417.766	1417.766	1417.766	1417.766	1417.766
0.5	1442.761	1418.928	1410.790	1414.278	1407.302
1.0	1442.761	1418.347	1410.790	1414.278	1406.721
1.5	1442.180	1418.347	1410.209	1413.697	1406.140
2.0	1441.598	1417.184	1409.046	1413.115	1404.396
2.5	1441.017	1416.022	1408.465	1411.371	1403.233
3.0	1439.855	1414.859	1406.721	1410.209	1400.908
3.5	1438.692	1413.697	1404.977	1407.884	1398.583
4.0	1437.529	1412.534	1403.233	1406.140	1396.839
4.5	1436.367	1410.790	1401.489	1403.815	1393.933
5.0	1435.204	1409.046	1398.583	1400.908	1391.026
5.5	1432.879	1406.721	1396.258	1397.420	1386.957
6.0	1431.135	1404.396	1393.351	1394.514	1383.470
6.5	1429.391	1402.652	1390.445	1390.445	1379.400
7.0	1427.066	1399.746	1387.539	1386.376	1375.331
7.5	1424.741	1397.420	1384.051	1382.307	1370.681
8.0	1422.416	1393.933	1380.563	1377.657	1366.612
8.5	1419.509	1391.026	1376.494	1373.006	1361.380
9.0	1416.603	1388.120	1372.425	1367.775	1356.149
9.5	1413.697	1384.632	1367.775	1361.962	1350.336
10.0	1410.790	1381.144	1363.124	1356.730	1345.104
10.5	1407.302	1377.657	1358.474	1350.917	1338.129
11.0	1403.815	1373.588	1353.242	1345.104	1331.735
11.5	1399.746	1369.519	1348.011	1338.710	1325.341
12.0	1395.677	1364.868	1342.198	1332.316	1318.365
12.5	1392.189	1360.218	1336.385	1325.341	1310.808
13.0	1387.539	1355.568	1330.572	1318.365	1303.833
13.5	1382.888	1350.336	1324.178	1310.808	1296.276
14.0	1378.819	1345.104	1318.365	1303.833	1288.719
14.5	1373.588	1339.873	1311.390	1296.276	1280.581
15.0	1368.937	1334.641	1304.995	1288.138	1273.024
15.5	1363.706	1328.828	1297.439	1280.000	1264.305
16.0	1359.637	1323.597	1290.463	1271.862	1255.586
16.5	1355.568	1317.784	1282.906	1263.143	1246.866
17.0	1350.336	1311.971	1275.350	1254.423	1238.147
17.5	1342.779	1306.158	1267.793	1245.704	1228.846
18.0	1335.804	1300.926	1260.236	1236.403	1218.965
18.5	1328.828	1293.951	1252.098	1227.103	1209.083
19.0	1323.015	1286.394	1243.960	1217.221	1199.201
19.5	1316.621	1278.837	1235.822	1207.339	1188.737
20.0	1310.227	1271.281	1227.103	1198.038	1177.693
20.5	1303.252	1263.724	1218.965	1188.156	1167.230
21.0	1296.276	1256.748	1210.245	1177.693	1156.185
21.5	1289.301	1249.192	1201.526	1167.811	1145.722
22.0	1281.744	1241.054	1192.225	1157.348	1134.678
22.5	1274.768	1233.497	1183.506	1146.303	1124.214
23.0	1266.630	1225.359	1175.368	1135.840	1113.751
23.5	1259.074	1216.639	1166.067	1125.377	1102.707
24.0	1250.935	1208.501	1155.604	1114.914	1092.243
24.5	1242.797	1199.782	1145.722	1104.450	1081.199
25.0	1234.659	1191.644	1135.259	1093.406	1070.154
25.5	1226.521	1182.343	1125.377	1082.943	1059.110
26.0	1217.802	1173.624	1114.914	1071.898	1048.647
26.5	1209.664	1164.323	1105.032	1061.435	1038.183

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CANDELA TABULATION - (Cont.)

27.0	1200.363	1155.604	1094.569	1050.972	1027.139
27.5	1191.644	1145.722	1084.687	1040.509	1015.513
28.0	1182.925	1136.421	1074.223	1030.045	1005.050
28.5	1174.205	1127.121	1063.760	1019.001	994.587
29.0	1164.905	1117.239	1053.878	1007.956	984.123
29.5	1155.023	1107.357	1043.415	996.912	973.660
30.0	1145.722	1097.475	1032.952	986.449	962.616
30.5	1135.840	1088.174	1023.070	975.985	951.571
31.0	1125.958	1078.292	1012.607	964.941	940.527
31.5	1115.495	1067.829	1001.562	953.896	930.064
32.0	1105.613	1057.947	991.099	942.852	919.019
32.5	1095.150	1047.484	980.636	931.807	907.975
33.0	1085.268	1037.021	969.591	920.763	896.930
33.5	1074.805	1026.558	959.128	910.300	885.886
34.0	1064.341	1016.094	948.665	899.255	874.841
34.5	1054.460	1005.050	937.039	888.211	863.797
35.0	1043.996	994.587	926.576	876.585	852.752
35.5	1033.533	983.542	915.531	865.540	842.289
36.0	1022.489	973.079	905.068	855.077	831.244
36.5	1012.025	962.034	894.024	844.033	820.781
37.0	1001.562	950.990	882.979	832.407	809.737
37.5	990.518	939.945	871.935	821.944	799.855
38.0	980.054	928.901	860.890	810.899	788.810
38.5	969.010	917.856	850.427	800.436	778.347
39.0	957.965	906.812	838.801	789.391	767.884
39.5	946.921	895.767	827.757	778.928	757.420
40.0	935.295	884.723	816.712	767.884	746.957
40.5	923.669	873.678	805.668	758.002	737.075
41.0	912.625	862.634	794.623	747.539	726.031
41.5	900.999	851.008	783.579	737.075	715.568
42.0	889.373	839.964	773.115	726.031	705.686
42.5	878.329	828.338	762.071	715.568	695.222
43.0	866.703	817.293	751.608	705.686	685.341
43.5	855.077	805.668	739.982	695.804	675.459
44.0	843.451	794.623	729.519	685.341	665.577
44.5	831.826	783.579	718.474	674.877	655.695
45.0	820.781	771.953	708.011	664.995	645.813
45.5	809.155	760.908	697.548	655.114	635.931
46.0	797.529	749.864	687.084	645.232	626.630
46.5	786.485	738.238	676.040	635.350	616.748
47.0	774.859	727.193	665.577	625.468	607.448
47.5	763.815	716.149	655.695	615.005	598.147
48.0	752.189	705.104	645.232	605.704	588.265
48.5	740.563	694.060	635.350	595.822	579.313
49.0	729.519	682.434	624.305	586.521	569.955
49.5	717.893	671.390	614.423	576.581	560.596
50.0	706.848	660.926	603.960	566.874	551.237
50.5	695.222	649.882	594.078	557.689	542.343
51.0	684.178	638.837	583.615	548.679	533.508
51.5	672.552	627.793	573.791	539.495	523.858
52.0	661.508	617.330	563.560	530.020	514.790
52.5	649.882	606.285	553.446	520.545	506.071
53.0	638.837	595.822	543.448	511.186	496.770
53.5	627.212	585.359	533.915	502.409	488.341
54.0	616.167	574.372	524.265	493.747	479.448
54.5	605.123	563.619	514.441	484.854	470.728

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CANDELA TABULATION - (Cont.)

55.0	593.497	553.097	504.676	475.669	462.009
55.5	582.452	542.692	495.201	466.369	453.115
56.0	571.350	532.345	485.958	457.417	444.687
56.5	560.480	522.114	476.541	448.988	436.316
57.0	549.551	511.767	467.241	440.676	428.294
57.5	538.856	501.653	458.231	431.898	419.982
58.0	528.218	491.713	449.046	422.946	411.437
58.5	517.929	481.773	439.688	414.169	403.124
59.0	507.408	472.124	430.387	405.682	395.335
59.5	497.061	462.474	421.319	397.370	387.313
60.0	486.656	452.941	412.599	389.290	379.059
60.5	476.541	443.408	403.996	381.152	370.979
61.0	466.485	433.817	395.277	372.839	363.190
61.5	456.371	424.225	386.209	364.469	355.168
62.0	446.256	414.925	377.373	356.214	347.146
62.5	436.200	405.740	369.003	348.251	339.357
63.0	426.085	396.381	360.981	340.461	331.742
63.5	415.913	387.081	352.959	333.137	324.127
64.0	405.798	377.722	344.705	325.813	316.512
64.5	395.684	368.421	336.160	317.907	309.072
65.0	385.511	359.237	327.789	309.653	301.747
65.5	375.397	349.995	319.884	302.213	294.539
66.0	365.341	340.752	312.153	295.528	287.622
66.5	355.226	331.568	304.305	288.668	280.589
67.0	345.170	322.500	296.109	281.228	273.381
67.5	335.172	313.490	287.855	273.206	266.056
68.0	325.173	304.363	279.600	264.952	258.558
68.5	315.292	295.295	271.404	257.279	251.117
69.0	305.526	286.227	263.615	250.129	243.909
69.5	295.760	277.391	255.942	243.037	236.643
70.0	286.053	268.556	247.804	235.248	228.970
70.5	276.520	259.662	239.491	226.877	221.355
71.0	266.928	250.768	231.295	218.856	213.856
71.5	257.511	241.991	223.273	211.648	206.590
72.0	248.153	233.504	215.600	204.963	199.557
72.5	238.910	225.134	208.218	198.045	192.814
73.0	229.842	216.821	200.719	190.663	185.955
73.5	220.832	208.450	192.988	183.281	178.863
74.0	211.996	200.196	185.257	176.189	172.120
74.5	203.277	192.116	177.933	169.504	165.784
75.0	194.732	184.269	170.899	162.936	159.273
75.5	186.303	176.480	163.982	156.309	152.589
76.0	177.991	168.748	156.890	149.740	146.252
76.5	169.795	160.959	149.856	142.997	140.033
77.0	161.657	153.344	142.765	136.371	133.580
77.5	153.693	145.846	136.022	129.860	127.012
78.0	145.729	138.405	129.453	123.524	120.792
78.5	137.882	131.081	122.885	117.246	114.863
79.0	130.267	123.931	116.316	111.084	108.992
79.5	122.710	116.897	109.864	105.039	103.179
80.0	115.328	109.980	103.586	98.994	97.308
80.5	108.004	103.179	97.366	93.006	91.321
81.0	100.912	96.494	91.088	87.135	85.450
81.5	93.995	89.984	85.043	81.439	79.869
82.0	87.193	83.706	79.288	75.975	74.521
82.5	80.567	77.544	73.591	70.685	69.348

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CANDELA TABULATION - (Cont.)

83.0	74.056	71.441	68.011	65.337	64.291
83.5	67.662	65.395	62.372	60.047	59.233
84.0	61.442	59.582	56.734	54.816	54.060
84.5	55.397	53.886	51.270	49.700	49.061
85.0	49.468	48.305	46.154	44.759	44.469
85.5	43.655	42.783	41.155	40.109	40.167
86.0	38.016	37.319	36.272	35.807	35.807
86.5	32.552	32.087	31.390	31.273	31.390
87.0	27.204	27.030	26.623	26.623	26.797
87.5	22.089	21.915	21.973	22.263	22.380
88.0	17.148	17.264	17.787	18.194	18.369
88.5	12.556	12.963	13.951	14.067	14.183
89.0	8.487	9.126	9.708	8.777	8.719
89.5	5.871	6.045	4.534	4.302	4.767
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-L8-835-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-L8-835-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-L8-835-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	502.00	N.A.	15.70
0-30	1027.73	N.A.	32.10
0-40	1613.04	N.A.	50.40
0-60	2630.03	N.A.	82.20
0-80	3147.12	N.A.	98.30
0-90	3200.09	N.A.	100.00
10-90	3067.08	N.A.	95.80
20-40	1111.05	N.A.	34.70
20-50	1666.47	N.A.	52.10
40-70	1349.28	N.A.	42.20
60-80	517.09	N.A.	16.20
70-80	184.80	N.A.	5.80
80-90	52.97	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	3200.09	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	133.01
10-20	368.99
20-30	525.73
30-40	585.31
40-50	555.42
50-60	461.56
60-70	332.29
70-80	184.80
80-90	52.97
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-L8-835-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-L8-835-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

X=2H	Y=2H	21.5	23.1	21.9	23.4	23.7	20.4	21.9	20.7	22.2	22.6
	3H	23.2	24.7	23.6	25.0	25.3	22.0	23.4	22.4	23.8	24.1
	4H	23.9	25.2	24.3	25.5	25.9	22.6	24.0	23.0	24.3	24.7
	6H	24.3	25.5	24.7	25.9	26.3	23.1	24.3	23.5	24.7	25.1
	8H	24.5	25.6	24.9	26.0	26.4	23.3	24.4	23.7	24.8	25.2
	12H	24.5	25.7	25.0	26.1	26.5	23.4	24.5	23.8	24.9	25.3

UGR Viewed Endwise

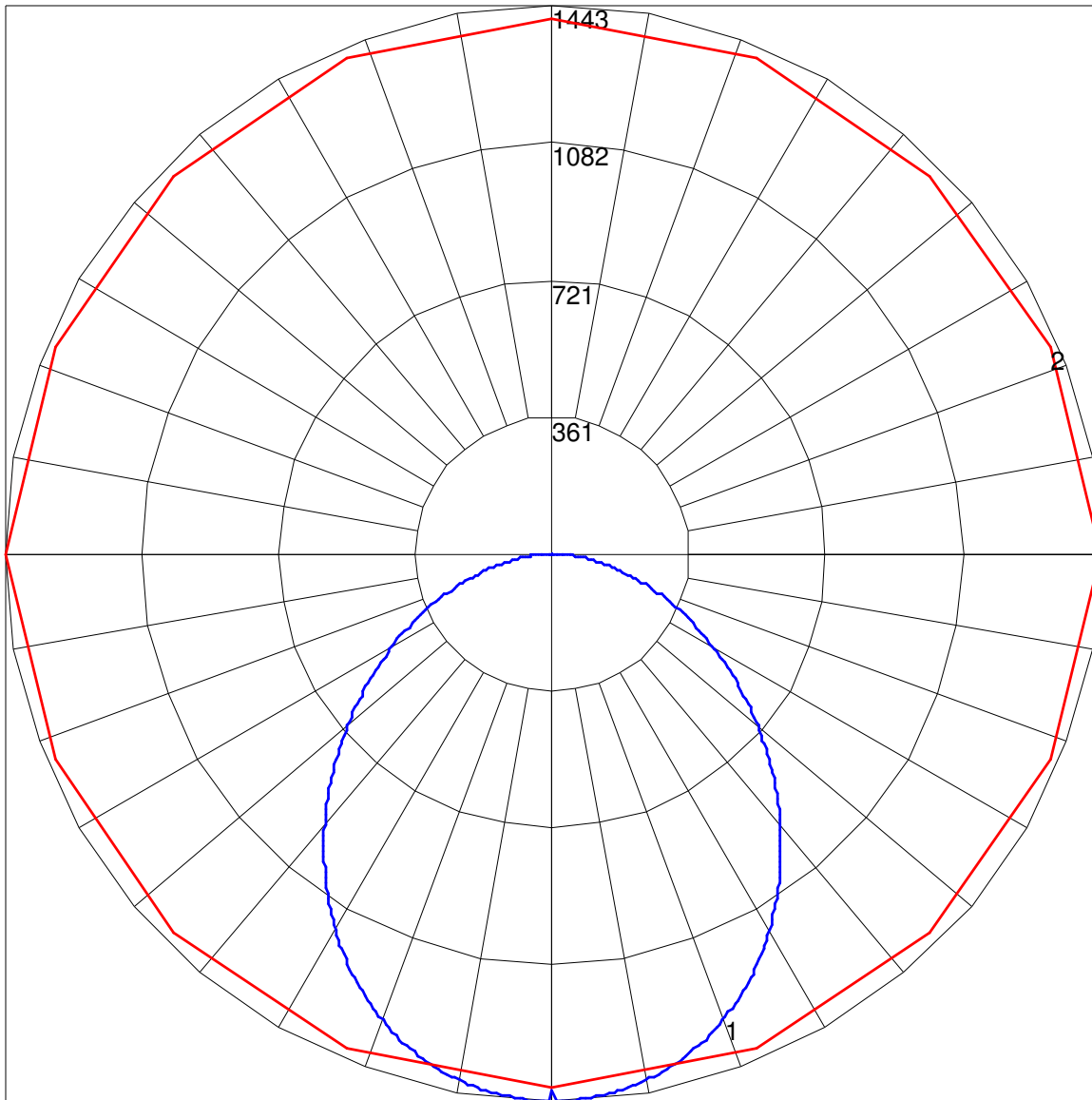
4H	2H	22.0	23.3	22.4	23.6	24.0	21.0	22.4	21.4	22.7	23.1
	3H	23.9	25.0	24.3	25.4	25.8	22.9	24.0	23.3	24.4	24.8
	4H	24.7	25.7	25.1	26.1	26.5	23.7	24.6	24.1	25.1	25.5
	6H	25.3	26.1	25.7	26.6	27.0	24.2	25.1	24.7	25.5	26.0
	8H	25.4	26.3	25.9	26.7	27.2	24.4	25.2	24.9	25.7	26.2
	12H	25.6	26.3	26.1	26.8	27.3	24.6	25.3	25.1	25.8	26.3

8H	4H	24.9	25.7	25.3	26.1	26.6	24.0	24.8	24.4	25.2	25.7
	6H	25.6	26.3	26.1	26.7	27.2	24.7	25.4	25.2	25.8	26.3
	8H	25.8	26.4	26.3	27.0	27.4	24.9	25.6	25.4	26.1	26.5
	12H	26.1	26.6	26.6	27.1	27.7	25.2	25.7	25.7	26.2	26.8

12H	4H	24.9	25.6	25.4	26.1	26.6	24.0	24.7	24.5	25.2	25.7
	6H	25.6	26.2	26.1	26.7	27.2	24.7	25.4	25.3	25.8	26.4
	8H	25.9	26.5	26.4	27.0	27.5	25.1	25.6	25.6	26.1	26.7

Maximum UGR = 27.7

POLAR GRAPH



Maximum Candela = 1442.761 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.)