



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-4-L10-935-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] LRX2-4-L10-935-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	3343
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	92
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	19523	16841	15361
55	17403	14799	13548
65	15342	13045	12009
75	12655	11106	10350
85	9546	8907	8581

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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	1481.228	1481.228	1481.228	1481.228	1481.228
0.5	1507.343	1482.443	1473.941	1477.584	1470.297
1.0	1507.343	1481.836	1473.941	1477.584	1469.689
1.5	1506.735	1481.836	1473.333	1476.977	1469.082
2.0	1506.128	1480.621	1472.119	1476.370	1467.260
2.5	1505.521	1479.406	1471.511	1474.548	1466.046
3.0	1504.306	1478.192	1469.689	1473.333	1463.616
3.5	1503.092	1476.977	1467.868	1470.904	1461.187
4.0	1501.877	1475.763	1466.046	1469.082	1459.365
4.5	1500.662	1473.941	1464.224	1466.653	1456.329
5.0	1499.448	1472.119	1461.187	1463.616	1453.292
5.5	1497.018	1469.689	1458.758	1459.973	1449.041
6.0	1495.196	1467.260	1455.721	1456.936	1445.397
6.5	1493.375	1465.438	1452.685	1452.685	1441.146
7.0	1490.945	1462.402	1449.648	1448.434	1436.895
7.5	1488.516	1459.973	1446.004	1444.182	1432.036
8.0	1486.087	1456.329	1442.361	1439.324	1427.785
8.5	1483.050	1453.292	1438.109	1434.466	1422.319
9.0	1480.014	1450.256	1433.858	1429.000	1416.854
9.5	1476.977	1446.612	1429.000	1422.927	1410.780
10.0	1473.941	1442.968	1424.141	1417.461	1405.315
10.5	1470.297	1439.324	1419.283	1411.388	1398.027
11.0	1466.653	1435.073	1413.817	1405.315	1391.347
11.5	1462.402	1430.822	1408.351	1398.634	1384.666
12.0	1458.151	1425.963	1402.278	1391.954	1377.378
12.5	1454.507	1421.105	1396.205	1384.666	1369.483
13.0	1449.648	1416.246	1390.132	1377.378	1362.196
13.5	1444.790	1410.780	1383.451	1369.483	1354.301
14.0	1440.539	1405.315	1377.378	1362.196	1346.406
14.5	1435.073	1399.849	1370.091	1354.301	1337.903
15.0	1430.214	1394.383	1363.410	1345.798	1330.008
15.5	1424.749	1388.310	1355.515	1337.296	1320.899
16.0	1420.497	1382.844	1348.228	1328.794	1311.789
16.5	1416.246	1376.771	1340.333	1319.684	1302.679
17.0	1410.780	1370.698	1332.437	1310.574	1293.570
17.5	1402.885	1364.625	1324.542	1301.465	1283.853
18.0	1395.598	1359.159	1316.647	1291.748	1273.528
18.5	1388.310	1351.871	1308.145	1282.031	1263.204
19.0	1382.237	1343.976	1299.643	1271.707	1252.880
19.5	1375.556	1336.081	1291.140	1261.382	1241.948
20.0	1368.876	1328.186	1282.031	1251.665	1230.409
20.5	1361.588	1320.291	1273.528	1241.341	1219.478
21.0	1354.301	1313.004	1264.419	1230.409	1207.939
21.5	1347.013	1305.109	1255.309	1220.085	1197.007
22.0	1339.118	1296.606	1245.592	1209.154	1185.469
22.5	1331.830	1288.711	1236.483	1197.615	1174.537
23.0	1323.328	1280.209	1227.980	1186.683	1163.605
23.5	1315.433	1271.099	1218.263	1175.752	1152.066
24.0	1306.930	1262.597	1207.332	1164.820	1141.135
24.5	1298.428	1253.487	1197.007	1153.888	1129.596
25.0	1289.926	1244.985	1186.076	1142.350	1118.057
25.5	1281.423	1235.268	1175.752	1131.418	1106.518
26.0	1272.314	1226.158	1164.820	1119.879	1095.587
26.5	1263.811	1216.441	1154.496	1108.948	1084.655

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CANDELA TABULATION - (Cont.)

27.0	1254.095	1207.332	1143.564	1098.016	1073.116
27.5	1244.985	1197.007	1133.240	1087.084	1060.970
28.0	1235.875	1187.290	1122.308	1076.153	1050.038
28.5	1226.766	1177.574	1111.377	1064.614	1039.107
29.0	1217.049	1167.249	1101.052	1053.075	1028.175
29.5	1206.724	1156.925	1090.121	1041.536	1017.244
30.0	1197.007	1146.601	1079.189	1030.605	1005.705
30.5	1186.683	1136.884	1068.865	1019.673	994.166
31.0	1176.359	1126.559	1057.933	1008.134	982.627
31.5	1165.427	1115.628	1046.395	996.595	971.696
32.0	1155.103	1105.304	1035.463	985.056	960.157
32.5	1144.171	1094.372	1024.531	973.517	948.618
33.0	1133.847	1083.441	1012.993	961.979	937.079
33.5	1122.916	1072.509	1002.061	951.047	925.540
34.0	1111.984	1061.577	991.129	939.508	914.001
34.5	1101.660	1050.038	978.983	927.969	902.462
35.0	1090.728	1039.107	968.052	915.823	890.923
35.5	1079.797	1027.568	956.513	904.284	879.992
36.0	1068.258	1016.636	945.581	893.353	868.453
36.5	1057.326	1005.098	934.042	881.814	857.521
37.0	1046.395	993.559	922.503	869.667	845.982
37.5	1034.856	982.020	910.965	858.736	835.658
38.0	1023.924	970.481	899.426	847.197	824.119
38.5	1012.385	958.942	888.494	836.265	813.188
39.0	1000.846	947.403	876.348	824.727	802.256
39.5	989.307	935.864	864.809	813.795	791.325
40.0	977.161	924.325	853.270	802.256	780.393
40.5	965.015	912.786	841.731	791.932	770.069
41.0	953.476	901.248	830.192	781.000	758.530
41.5	941.330	889.101	818.653	770.069	747.598
42.0	929.184	877.563	807.722	758.530	737.274
42.5	917.645	865.416	796.183	747.598	726.342
43.0	905.499	853.877	785.251	737.274	716.018
43.5	893.353	841.731	773.105	726.950	705.694
44.0	881.206	830.192	762.174	716.018	695.370
44.5	869.060	818.653	750.635	705.087	685.045
45.0	857.521	806.507	739.703	694.762	674.721
45.5	845.375	794.968	728.772	684.438	664.397
46.0	833.229	783.430	717.840	674.114	654.680
46.5	821.690	771.283	706.301	663.790	644.356
47.0	809.544	759.744	695.370	653.465	634.639
47.5	798.005	748.206	685.045	642.534	624.922
48.0	785.859	736.667	674.114	632.817	614.597
48.5	773.713	725.128	663.790	622.492	605.245
49.0	762.174	712.982	652.251	612.775	595.467
49.5	750.027	701.443	641.926	602.390	585.689
50.0	738.489	690.511	630.995	592.248	575.912
50.5	726.342	678.972	620.671	582.653	566.620
51.0	714.804	667.433	609.739	573.240	557.389
51.5	702.657	655.894	599.475	563.644	547.308
52.0	691.118	644.963	588.787	553.745	537.833
52.5	678.972	633.424	578.220	543.846	528.724
53.0	667.433	622.492	567.774	534.068	519.007
53.5	655.287	611.561	557.814	524.898	510.201
54.0	643.748	600.083	547.733	515.849	500.909
54.5	632.209	588.847	537.469	506.557	491.799

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CANDELA TABULATION - (Cont.)

55.0	620.063	577.855	527.266	496.962	482.690
55.5	608.524	566.984	517.367	487.245	473.398
56.0	596.925	556.174	507.711	477.892	464.592
56.5	585.568	545.486	497.872	469.086	455.847
57.0	574.151	534.675	488.156	460.401	447.466
57.5	562.976	524.108	478.742	451.231	438.781
58.0	551.862	513.723	469.147	441.879	429.854
58.5	541.113	503.338	459.369	432.708	421.169
59.0	530.121	493.257	449.652	423.841	413.031
59.5	519.311	483.176	440.178	415.157	404.650
60.0	508.440	473.216	431.068	406.715	396.027
60.5	497.872	463.256	422.080	398.213	387.585
61.0	487.366	453.235	412.971	389.528	379.447
61.5	476.799	443.215	403.497	380.783	371.066
62.0	466.232	433.498	394.265	372.159	362.685
62.5	455.725	423.902	385.520	363.839	354.547
63.0	445.158	414.124	377.139	355.701	346.592
63.5	434.530	404.408	368.758	348.049	338.636
64.0	423.963	394.630	360.135	340.397	330.680
64.5	413.396	384.913	351.207	332.138	322.907
65.0	402.768	375.317	342.462	323.514	315.254
65.5	392.201	365.661	334.203	315.740	307.724
66.0	381.694	356.005	326.125	308.756	300.497
66.5	371.127	346.409	317.927	301.590	293.148
67.0	360.620	336.935	309.364	293.816	285.618
67.5	350.175	327.522	300.740	285.436	277.966
68.0	339.729	317.987	292.116	276.812	270.131
68.5	329.405	308.513	283.553	268.795	262.358
69.0	319.202	299.039	275.415	261.325	254.827
69.5	308.999	289.808	267.398	253.916	247.236
70.0	298.857	280.577	258.896	245.778	239.219
70.5	288.897	271.285	250.212	237.033	231.264
71.0	278.877	261.993	241.649	228.652	223.429
71.5	269.038	252.823	233.268	221.121	215.838
72.0	259.261	243.956	225.251	214.137	208.489
72.5	249.604	235.211	217.538	206.910	201.445
73.0	240.130	226.527	209.704	199.198	194.278
73.5	230.717	217.781	201.627	191.485	186.869
74.0	221.486	209.157	193.550	184.076	179.824
74.5	212.376	200.716	185.897	177.092	173.205
75.0	203.449	192.517	178.549	170.229	166.403
75.5	194.643	184.379	171.322	163.306	159.419
76.0	185.958	176.302	163.913	156.443	152.799
76.5	177.395	168.164	156.564	149.398	146.301
77.0	168.893	160.208	149.155	142.475	139.560
77.5	160.573	152.374	142.110	135.673	132.697
78.0	152.253	144.600	135.248	129.053	126.199
78.5	144.054	136.948	128.385	122.494	120.004
79.0	136.098	129.478	121.523	116.057	113.871
79.5	128.203	122.130	114.782	109.741	107.797
80.0	120.490	114.903	108.223	103.425	101.664
80.5	112.838	107.797	101.724	97.170	95.408
81.0	105.429	100.813	95.165	91.036	89.275
81.5	98.202	94.012	88.849	85.084	83.444
82.0	91.096	87.453	82.837	79.375	77.857
82.5	84.173	81.015	76.885	73.849	72.452

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CANDELA TABULATION - (Cont.)

83.0	77.371	74.638	71.055	68.262	67.168
83.5	70.691	68.322	65.164	62.735	61.885
84.0	64.193	62.249	59.273	57.269	56.480
84.5	57.877	56.298	53.565	51.925	51.257
85.0	51.682	50.467	48.220	46.763	46.459
85.5	45.609	44.698	42.998	41.904	41.965
86.0	39.718	38.989	37.896	37.410	37.410
86.5	34.009	33.523	32.795	32.673	32.795
87.0	28.422	28.240	27.815	27.815	27.997
87.5	23.078	22.896	22.956	23.260	23.381
88.0	17.916	18.037	18.584	19.009	19.191
88.5	13.118	13.543	14.575	14.697	14.818
89.0	8.867	9.535	10.142	9.170	9.110
89.5	6.134	6.316	4.737	4.494	4.980
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-L10-935-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 : LRX2-4-L10-935-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 : LRX2-4-L10-935-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	524.47	N.A.	15.70
0-30	1073.73	N.A.	32.10
0-40	1685.25	N.A.	50.40
0-60	2747.76	N.A.	82.20
0-80	3287.99	N.A.	98.30
0-90	3343.33	N.A.	100.00
10-90	3204.37	N.A.	95.80
20-40	1160.78	N.A.	34.70
20-50	1741.07	N.A.	52.10
40-70	1409.68	N.A.	42.20
60-80	540.24	N.A.	16.20
70-80	193.07	N.A.	5.80
80-90	55.34	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	3343.33	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	138.96
10-20	385.50
20-30	549.27
30-40	611.52
40-50	580.28
50-60	482.23
60-70	347.17
70-80	193.07
80-90	55.34
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-L10-935-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 : LRX2-4-L10-935-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

X=2H	Y=2H	21.7	23.3	22.1	23.6	23.9	20.6	22.1	20.9	22.4	22.8
	3H	23.4	24.9	23.8	25.2	25.5	22.2	23.6	22.6	24.0	24.3
	4H	24.1	25.4	24.5	25.7	26.1	22.8	24.2	23.2	24.5	24.9
	6H	24.5	25.7	24.9	26.1	26.5	23.3	24.5	23.7	24.9	25.3
	8H	24.7	25.8	25.1	26.2	26.6	23.5	24.6	23.9	25.0	25.4
	12H	24.7	25.9	25.2	26.2	26.7	23.6	24.7	24.0	25.1	25.5

UGR Viewed Endwise

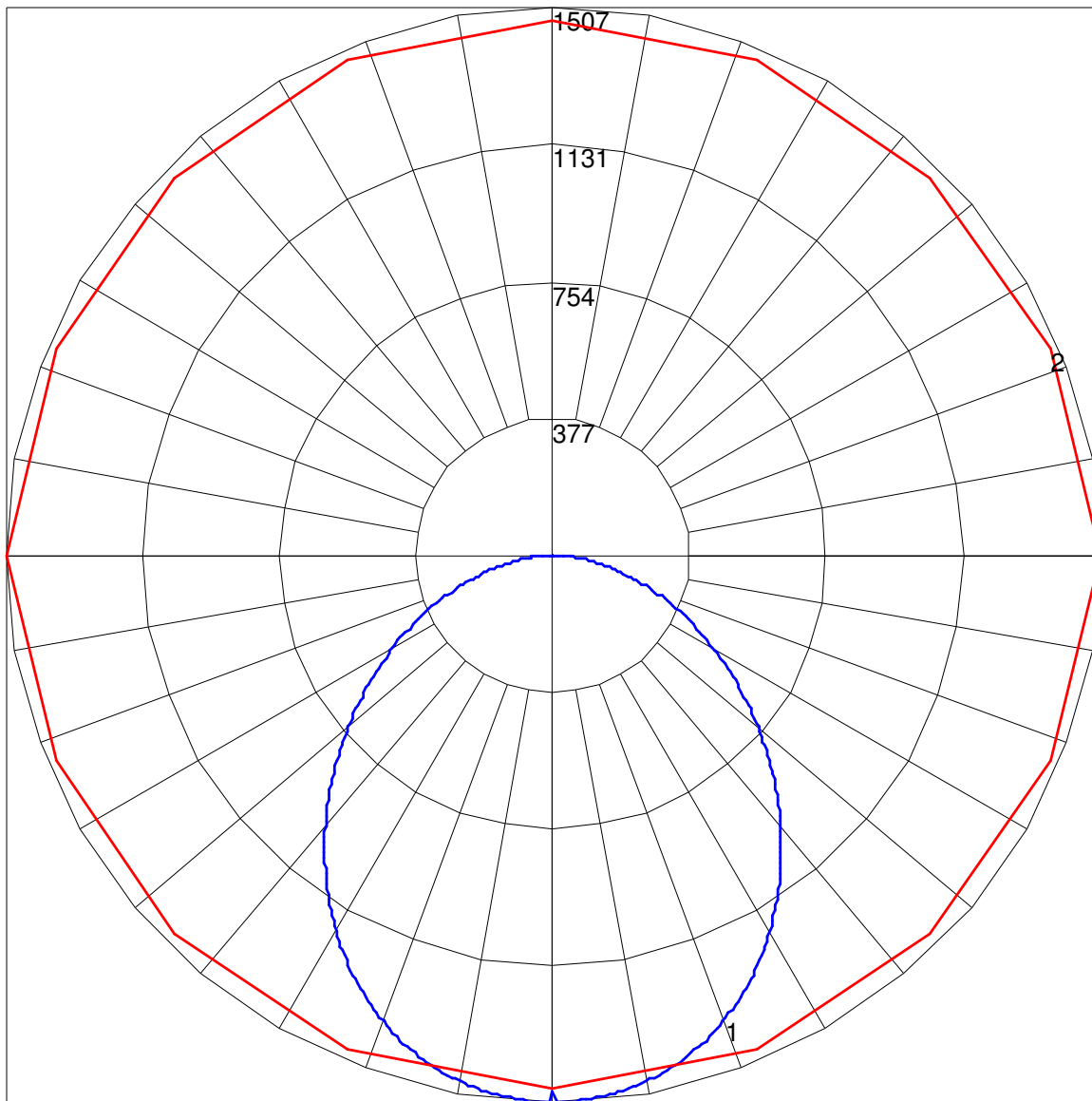
4H	2H	22.2	23.5	22.6	23.8	24.2	21.2	22.6	21.6	22.9	23.3
	3H	24.1	25.2	24.5	25.6	26.0	23.1	24.2	23.5	24.6	25.0
	4H	24.9	25.9	25.3	26.3	26.7	23.8	24.8	24.3	25.3	25.7
	6H	25.5	26.3	25.9	26.8	27.2	24.4	25.3	24.9	25.7	26.2
	8H	25.6	26.5	26.1	26.9	27.4	24.6	25.4	25.1	25.9	26.4
	12H	25.8	26.5	26.3	27.0	27.5	24.8	25.5	25.3	26.0	26.5

8H	4H	25.1	25.9	25.5	26.3	26.8	24.2	25.0	24.6	25.4	25.9
	6H	25.8	26.5	26.3	26.9	27.4	24.9	25.6	25.4	26.0	26.5
	8H	26.0	26.6	26.5	27.2	27.6	25.1	25.8	25.6	26.3	26.7
	12H	26.3	26.8	26.8	27.3	27.9	25.4	25.9	25.9	26.4	27.0

12H	4H	25.1	25.8	25.6	26.3	26.8	24.2	24.9	24.7	25.4	25.9
	6H	25.8	26.4	26.3	26.9	27.4	24.9	25.6	25.5	26.0	26.6
	8H	26.1	26.7	26.6	27.2	27.7	25.3	25.8	25.8	26.3	26.9

Maximum UGR = 27.9

POLAR GRAPH



Maximum Candela = 1507.343 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.)