



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-4-L10-927-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-L10-927-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	3222
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	89
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	18817	16232	14806
55	16774	14264	13058
65	14788	12574	11575
75	12197	10704	9976
85	9201	8585	8271

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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	1427.690	1427.690	1427.690	1427.690	1427.690
0.5	1452.860	1428.861	1420.666	1424.178	1417.153
1.0	1452.860	1428.275	1420.666	1424.178	1416.568
1.5	1452.275	1428.275	1420.080	1423.592	1415.983
2.0	1451.690	1427.104	1418.909	1423.007	1414.227
2.5	1451.104	1425.934	1418.324	1421.251	1413.056
3.0	1449.933	1424.763	1416.568	1420.080	1410.714
3.5	1448.763	1423.592	1414.812	1417.739	1408.373
4.0	1447.592	1422.422	1413.056	1415.983	1406.617
4.5	1446.421	1420.666	1411.300	1413.641	1403.690
5.0	1445.251	1418.909	1408.373	1410.714	1400.763
5.5	1442.909	1416.568	1406.032	1407.202	1396.666
6.0	1441.153	1414.227	1403.105	1404.275	1393.154
6.5	1439.397	1412.470	1400.178	1400.178	1389.056
7.0	1437.056	1409.544	1397.251	1396.080	1384.959
7.5	1434.714	1407.202	1393.739	1391.983	1380.276
8.0	1432.373	1403.690	1390.227	1387.300	1376.178
8.5	1429.446	1400.763	1386.129	1382.617	1370.910
9.0	1426.519	1397.837	1382.032	1377.349	1365.642
9.5	1423.592	1394.324	1377.349	1371.495	1359.788
10.0	1420.666	1390.812	1372.666	1366.227	1354.520
10.5	1417.153	1387.300	1367.983	1360.374	1347.496
11.0	1413.641	1383.203	1362.715	1354.520	1341.057
11.5	1409.544	1379.105	1357.447	1348.081	1334.618
12.0	1405.446	1374.422	1351.593	1341.642	1327.593
12.5	1401.934	1369.739	1345.740	1334.618	1319.984
13.0	1397.251	1365.056	1339.886	1327.593	1312.960
13.5	1392.568	1359.788	1333.447	1319.984	1305.350
14.0	1388.471	1354.520	1327.593	1312.960	1297.740
14.5	1383.203	1349.252	1320.569	1305.350	1289.545
15.0	1378.520	1343.984	1314.130	1297.155	1281.936
15.5	1373.251	1338.130	1306.521	1288.960	1273.155
16.0	1369.154	1332.862	1299.496	1280.765	1264.375
16.5	1365.056	1327.008	1291.887	1271.984	1255.594
17.0	1359.788	1321.155	1284.277	1263.204	1246.814
17.5	1352.179	1315.301	1276.667	1254.424	1237.448
18.0	1345.154	1310.033	1269.058	1245.058	1227.497
18.5	1338.130	1303.008	1260.863	1235.692	1217.546
19.0	1332.276	1295.399	1252.668	1225.741	1207.595
19.5	1325.837	1287.789	1244.473	1215.790	1197.058
20.0	1319.398	1280.179	1235.692	1206.424	1185.937
20.5	1312.374	1272.570	1227.497	1196.473	1175.400
21.0	1305.350	1265.545	1218.717	1185.937	1164.278
21.5	1298.326	1257.936	1209.936	1175.986	1153.742
22.0	1290.716	1249.741	1200.571	1165.449	1142.620
22.5	1283.692	1242.131	1191.790	1154.327	1132.084
23.0	1275.497	1233.936	1183.595	1143.791	1121.547
23.5	1267.887	1225.156	1174.230	1133.254	1110.425
24.0	1259.692	1216.961	1163.693	1122.718	1099.889
24.5	1251.497	1208.180	1153.742	1112.181	1088.767
25.0	1243.302	1199.985	1143.206	1101.060	1077.645
25.5	1235.107	1190.620	1133.254	1090.523	1066.524
26.0	1226.326	1181.839	1122.718	1079.401	1055.987
26.5	1218.131	1172.473	1112.767	1068.865	1045.451

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CANDELA TABULATION - (Cont.)

27.0	1208.766	1163.693	1102.230	1058.328	1034.329
27.5	1199.985	1153.742	1092.279	1047.792	1022.622
28.0	1191.205	1144.376	1081.743	1037.256	1012.085
28.5	1182.425	1135.010	1071.206	1026.134	1001.549
29.0	1173.059	1125.059	1061.255	1015.012	991.012
29.5	1163.108	1115.108	1050.719	1003.890	980.476
30.0	1153.742	1105.157	1040.182	993.354	969.354
30.5	1143.791	1095.791	1030.231	982.817	958.232
31.0	1133.840	1085.840	1019.695	971.695	947.110
31.5	1123.303	1075.304	1008.573	960.574	936.574
32.0	1113.352	1065.353	998.037	949.452	925.452
32.5	1102.816	1054.816	987.500	938.330	914.330
33.0	1092.865	1044.280	976.378	927.208	903.208
33.5	1082.328	1033.743	965.842	916.672	892.087
34.0	1071.792	1023.207	955.305	905.550	880.965
34.5	1061.841	1012.085	943.598	894.428	869.843
35.0	1051.304	1001.549	933.062	882.721	858.721
35.5	1040.768	990.427	921.940	871.599	848.185
36.0	1029.646	979.890	911.403	861.063	837.063
36.5	1019.109	968.769	900.282	849.941	826.526
37.0	1008.573	957.647	889.160	838.234	815.405
37.5	997.451	946.525	878.038	827.697	805.454
38.0	986.915	935.403	866.916	816.575	794.332
38.5	975.793	924.281	856.380	806.039	783.795
39.0	964.671	913.160	844.673	794.917	773.259
39.5	953.549	902.038	833.551	784.381	762.722
40.0	941.842	890.916	822.429	773.259	752.186
40.5	930.135	879.794	811.307	763.308	742.235
41.0	919.013	868.672	800.185	752.771	731.113
41.5	907.306	856.965	789.063	742.235	720.577
42.0	895.599	845.843	778.527	731.113	710.625
42.5	884.477	834.136	767.405	720.577	700.089
43.0	872.770	823.014	756.869	710.625	690.138
43.5	861.063	811.307	745.162	700.674	680.187
44.0	849.355	800.185	734.625	690.138	670.236
44.5	837.648	789.063	723.503	679.601	660.285
45.0	826.526	777.356	712.967	669.650	650.333
45.5	814.819	766.235	702.430	659.699	640.382
46.0	803.112	755.113	691.894	649.748	631.017
46.5	791.990	743.406	680.772	639.797	621.066
47.0	780.283	732.284	670.236	629.846	611.700
47.5	769.161	721.162	660.285	619.309	602.334
48.0	757.454	710.040	649.748	609.944	592.383
48.5	745.747	698.918	639.797	599.993	583.368
49.0	734.625	687.211	628.675	590.627	573.944
49.5	722.918	676.089	618.724	580.617	564.520
50.0	711.796	665.553	608.188	570.842	555.096
50.5	700.089	654.431	598.237	561.593	546.140
51.0	688.967	643.309	587.700	552.520	537.242
51.5	677.260	632.187	577.808	543.271	527.525
52.0	666.138	621.651	567.505	533.730	518.394
52.5	654.431	610.529	557.320	524.189	509.613
53.0	643.309	599.993	547.252	514.764	500.248
53.5	631.602	589.456	537.652	505.926	491.760
54.0	620.480	578.393	527.935	497.204	482.804
54.5	609.358	567.564	518.042	488.248	474.023

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CANDELA TABULATION - (Cont.)

55.0	597.651	556.969	508.208	478.999	465.243
55.5	586.529	546.491	498.667	469.633	456.287
56.0	575.349	536.071	489.360	460.619	447.799
56.5	564.403	525.769	479.877	452.131	439.370
57.0	553.398	515.350	470.511	443.760	431.292
57.5	542.627	505.165	461.438	434.921	422.922
58.0	531.915	495.155	452.190	425.907	414.317
58.5	521.555	485.145	442.765	417.068	405.946
59.0	510.960	475.428	433.400	408.522	398.102
59.5	500.540	465.711	424.268	400.151	390.024
60.0	490.062	456.111	415.488	392.015	381.712
60.5	479.877	446.512	406.824	383.820	373.576
61.0	469.750	436.853	398.044	375.449	365.732
61.5	459.565	427.195	388.912	367.020	357.654
62.0	449.380	417.829	380.015	358.708	349.576
62.5	439.253	408.580	371.586	350.688	341.732
63.0	429.068	399.156	363.508	342.845	334.064
63.5	418.824	389.790	355.430	335.469	326.396
64.0	408.639	380.366	347.118	328.094	318.728
64.5	398.454	371.000	338.513	320.133	311.235
65.0	388.210	361.752	330.084	311.821	303.860
65.5	378.025	352.444	322.123	304.328	296.601
66.0	367.898	343.137	314.338	297.596	289.635
66.5	357.713	333.889	306.435	290.689	282.553
67.0	347.586	324.757	298.182	283.197	275.294
67.5	337.518	315.684	289.870	275.119	267.919
68.0	327.450	306.494	281.558	266.806	260.368
68.5	317.499	297.362	273.304	259.080	252.875
69.0	307.665	288.231	265.460	251.880	245.617
69.5	297.830	279.333	257.733	244.738	238.300
70.0	288.055	270.436	249.538	236.895	230.573
70.5	278.455	261.480	241.168	228.465	222.905
71.0	268.797	252.524	232.914	220.388	215.353
71.5	259.314	243.685	224.836	213.129	208.036
72.0	249.890	235.139	217.110	206.397	200.954
72.5	240.582	226.709	209.675	199.432	194.163
73.0	231.451	218.339	202.124	191.998	187.256
73.5	222.378	209.910	194.339	184.564	180.115
74.0	213.480	201.598	186.554	177.422	173.325
74.5	204.700	193.461	179.178	170.691	166.944
75.0	196.095	185.559	172.095	164.076	160.388
75.5	187.607	177.715	165.130	157.403	153.657
76.0	179.237	169.930	157.988	150.788	147.276
76.5	170.983	162.086	150.905	143.998	141.013
77.0	162.788	154.418	143.764	137.325	134.515
77.5	154.769	146.866	136.974	130.769	127.901
78.0	146.749	139.374	130.359	124.389	121.638
78.5	138.847	131.998	123.745	118.067	115.667
79.0	131.179	124.798	117.130	111.862	109.755
79.5	123.569	117.716	110.633	105.774	103.901
80.0	116.135	110.750	104.311	99.687	97.989
80.5	108.760	103.901	98.048	93.657	91.960
81.0	101.618	97.170	91.726	87.745	86.048
81.5	94.652	90.614	85.638	82.009	80.428
82.0	87.804	84.292	79.843	76.506	75.043
82.5	81.131	78.087	74.106	71.180	69.833

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CANDELA TABULATION - (Cont.)

83.0	74.575	71.941	68.487	65.794	64.741
83.5	68.136	65.853	62.809	60.468	59.648
84.0	61.872	59.999	57.131	55.199	54.438
84.5	55.785	54.263	51.629	50.048	49.404
85.0	49.814	48.643	46.477	45.073	44.780
85.5	43.960	43.082	41.443	40.390	40.448
86.0	38.282	37.580	36.526	36.058	36.058
86.5	32.780	32.312	31.609	31.492	31.609
87.0	27.395	27.219	26.809	26.809	26.985
87.5	22.244	22.068	22.127	22.419	22.536
88.0	17.268	17.385	17.912	18.322	18.497
88.5	12.644	13.053	14.049	14.166	14.283
89.0	8.546	9.190	9.775	8.839	8.780
89.5	5.912	6.088	4.566	4.332	4.800
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-L10-927-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-L10-927-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-L10-927-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	505.51	N.A.	15.70
0-30	1034.92	N.A.	32.10
0-40	1624.34	N.A.	50.40
0-60	2648.44	N.A.	82.20
0-80	3169.15	N.A.	98.30
0-90	3222.49	N.A.	100.00
10-90	3088.55	N.A.	95.80
20-40	1118.83	N.A.	34.70
20-50	1678.14	N.A.	52.10
40-70	1358.72	N.A.	42.20
60-80	520.71	N.A.	16.20
70-80	186.09	N.A.	5.80
80-90	53.34	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	3222.49	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	133.94
10-20	371.57
20-30	529.41
30-40	589.41
40-50	559.31
50-60	464.80
60-70	334.62
70-80	186.09
80-90	53.34
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-L10-927-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-L10-927-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	21.6	23.2	22.0	23.5	23.8	20.5	22.0	20.8	22.3	22.7
	3H	23.3	24.8	23.7	25.1	25.4	22.1	23.5	22.5	23.9	24.2
	4H	24.0	25.3	24.4	25.6	26.0	22.7	24.1	23.1	24.4	24.8
	6H	24.4	25.6	24.8	26.0	26.4	23.2	24.4	23.6	24.8	25.2
	8H	24.6	25.7	25.0	26.1	26.5	23.4	24.5	23.8	24.9	25.3
	12H	24.6	25.8	25.1	26.1	26.6	23.5	24.6	23.9	25.0	25.4

UGR Viewed Endwise

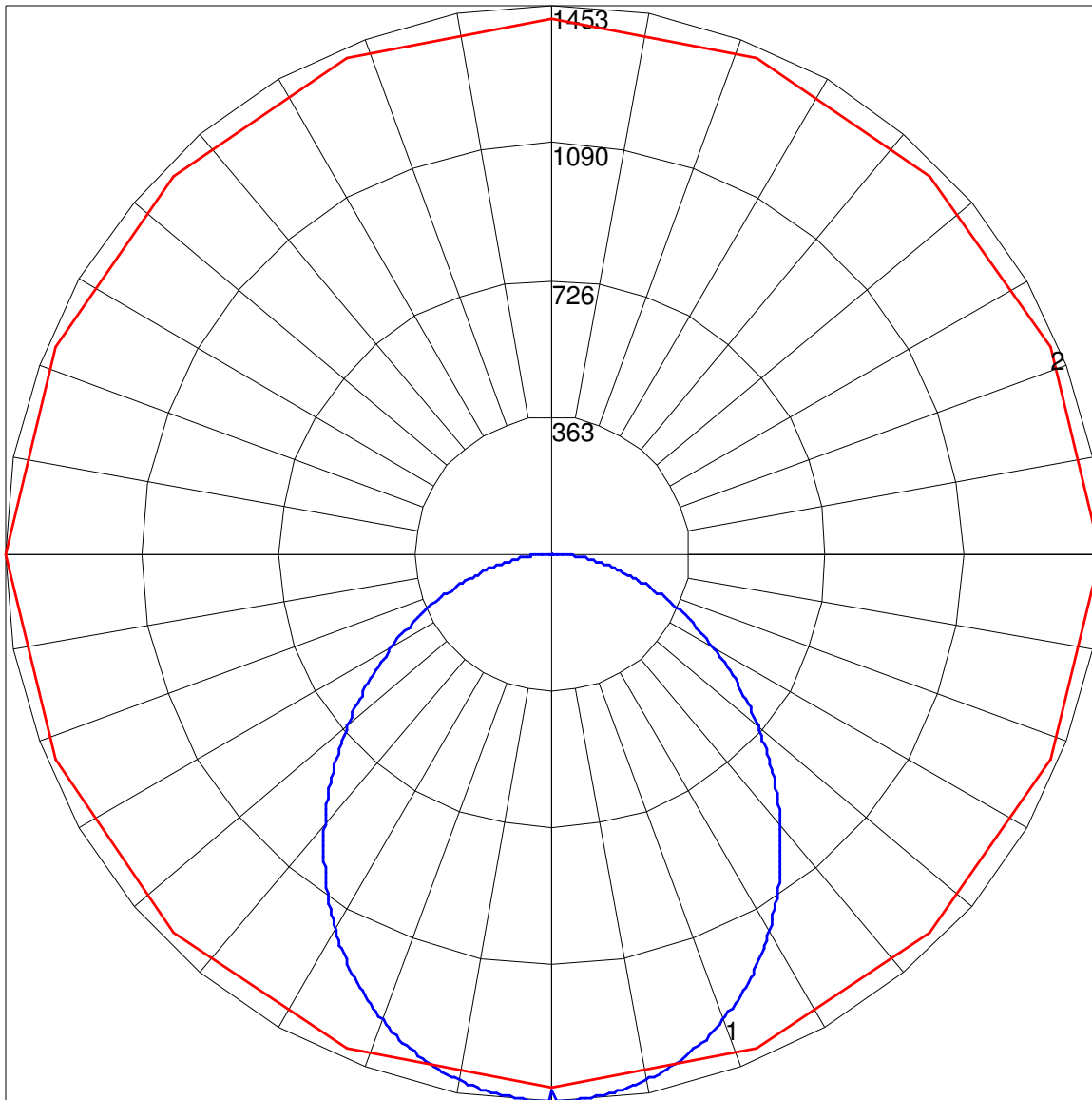
4H	2H	22.1	23.4	22.5	23.7	24.1	21.1	22.5	21.5	22.8	23.2
	3H	24.0	25.1	24.4	25.5	25.9	23.0	24.1	23.4	24.5	24.9
	4H	24.8	25.8	25.2	26.2	26.6	23.7	24.7	24.2	25.2	25.6
	6H	25.4	26.2	25.8	26.7	27.1	24.3	25.2	24.8	25.6	26.1
	8H	25.5	26.4	26.0	26.8	27.3	24.5	25.3	25.0	25.8	26.3
	12H	25.7	26.4	26.2	26.9	27.4	24.7	25.4	25.2	25.9	26.4

8H	4H	25.0	25.8	25.4	26.2	26.7	24.1	24.9	24.5	25.3	25.8
	6H	25.7	26.4	26.2	26.8	27.3	24.8	25.5	25.3	25.9	26.4
	8H	25.9	26.5	26.4	27.1	27.5	25.0	25.7	25.5	26.2	26.6
	12H	26.2	26.7	26.7	27.2	27.8	25.3	25.8	25.8	26.3	26.9

12H	4H	25.0	25.7	25.5	26.2	26.7	24.1	24.8	24.6	25.3	25.8
	6H	25.7	26.3	26.2	26.8	27.3	24.8	25.5	25.4	25.9	26.5
	8H	26.0	26.6	26.5	27.1	27.6	25.2	25.7	25.7	26.2	26.8

Maximum UGR = 27.8

POLAR GRAPH



Maximum Candela = 1452.86 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.)