

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-4-L8-940-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.02

[TESTLAB] UL, LLC

[ISSUEDATE] 2026-05-13

[TESTDATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX4x-4-L8-940-DMA-DIM-UNV_

[LUMINAIRE] Nominal 4" x 4' suspended linear fixture (CRS construction

[MORE]) with diffused acrylic shielding

[OTHER] This test was performed using the calibrated photodetector method

[MORE] of absolute photometry.

[OTHER] The reported results were measured in a facility that meets the

[MORE] requirements of ANSI/IES LM-75-19. The device under test emits no

[MORE] detectable uplight as defined by ANSI/IES LM-75-19.

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2817
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	108
Total Luminaire Watts	26
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.08
Spacing Criterion (Diagonal)	1.22
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	0.40 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	6872	6093	5394
55	6015	5199	4416
65	5118	4277	3553
75	4109	3212	2616
85	2661	1649	1262

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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	1305.009	1305.009	1305.009	1305.009	1305.009
0.5	1311.389	1302.174	1305.364	1304.301	1303.592
1.0	1311.035	1301.820	1305.009	1303.946	1303.237
1.5	1310.680	1301.111	1304.655	1303.237	1302.528
2.0	1309.971	1300.756	1303.592	1301.820	1302.174
2.5	1309.617	1300.047	1302.883	1301.111	1300.756
3.0	1308.554	1298.984	1301.820	1299.339	1298.984
3.5	1307.845	1297.921	1300.402	1297.921	1297.212
4.0	1306.073	1296.503	1298.984	1296.149	1295.085
4.5	1305.364	1295.085	1297.212	1294.022	1292.604
5.0	1303.592	1293.668	1295.085	1291.896	1290.478
5.5	1302.883	1291.541	1292.959	1289.060	1287.288
6.0	1299.693	1289.769	1290.478	1286.225	1284.453
6.5	1297.921	1287.997	1287.642	1283.035	1280.908
7.0	1295.794	1285.516	1285.161	1279.845	1277.718
7.5	1293.668	1283.035	1281.972	1276.301	1273.820
8.0	1291.187	1280.199	1279.136	1272.402	1269.567
8.5	1288.706	1277.718	1275.946	1268.149	1265.313
9.0	1285.870	1274.883	1272.048	1263.896	1261.060
9.5	1282.680	1271.339	1268.503	1259.288	1256.098
10.0	1280.199	1268.149	1264.250	1255.035	1251.491
10.5	1276.301	1264.605	1260.351	1250.427	1246.529
11.0	1272.756	1261.060	1255.744	1245.111	1241.567
11.5	1269.212	1257.161	1251.136	1239.794	1235.541
12.0	1265.313	1253.263	1246.529	1234.124	1229.870
12.5	1260.706	1248.655	1241.567	1228.453	1223.491
13.0	1256.807	1244.402	1236.250	1222.427	1217.465
13.5	1252.908	1239.794	1230.934	1216.402	1211.440
14.0	1247.946	1235.187	1225.617	1209.668	1204.351
14.5	1243.693	1229.870	1219.592	1203.288	1197.617
15.0	1238.731	1224.908	1213.567	1196.554	1190.529
15.5	1233.769	1219.592	1207.541	1189.465	1183.440
16.0	1228.453	1214.276	1201.162	1182.377	1175.643
16.5	1223.491	1208.959	1194.782	1174.934	1168.200
17.0	1217.820	1202.934	1188.048	1167.491	1160.048
17.5	1212.503	1196.908	1181.668	1159.693	1151.896
18.0	1206.478	1191.238	1174.579	1151.896	1143.744
18.5	1201.162	1184.858	1167.491	1143.744	1134.883
19.0	1194.782	1178.478	1160.048	1135.238	1126.023
19.5	1188.757	1172.098	1152.605	1127.086	1117.162
20.0	1182.377	1165.364	1144.807	1118.580	1108.301
20.5	1175.997	1158.630	1137.010	1109.719	1099.086
21.0	1169.263	1151.896	1129.212	1100.858	1089.516
21.5	1162.883	1144.453	1121.061	1091.643	1080.301
22.0	1155.795	1137.364	1112.554	1082.428	1071.086
22.5	1148.706	1129.921	1104.048	1073.213	1061.162
23.0	1141.972	1122.833	1095.896	1063.289	1051.238
23.5	1134.883	1115.035	1087.035	1053.719	1041.314
24.0	1127.440	1107.238	1078.175	1044.149	1031.035
24.5	1119.997	1099.440	1068.959	1034.225	1021.111
25.0	1112.200	1091.643	1060.099	1024.301	1010.833
25.5	1104.048	1083.137	1050.884	1014.023	999.846
26.0	1096.250	1074.985	1040.959	1003.744	989.213
26.5	1088.453	1066.478	1031.744	993.466	978.225

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CANDELA TABULATION - (Cont.)

27.0	1079.947	1057.972	1021.820	982.833	967.593
27.5	1071.086	1049.111	1012.251	972.200	956.960
28.0	1062.934	1040.605	1002.327	961.213	945.618
28.5	1054.428	1031.744	992.757	950.580	934.631
29.0	1045.921	1022.884	982.833	939.593	923.998
29.5	1035.997	1013.668	972.555	928.605	912.656
30.0	1026.428	1004.099	962.276	917.618	901.669
30.5	1017.567	994.884	952.352	906.985	890.327
31.0	1008.352	985.668	942.074	895.998	878.985
31.5	999.491	976.099	931.795	884.656	867.643
32.0	989.567	966.529	921.162	873.669	856.656
32.5	980.352	956.605	910.884	862.327	844.960
33.0	970.782	947.036	899.897	851.340	833.973
33.5	961.213	937.112	889.973	839.998	821.922
34.0	951.998	927.188	878.985	829.011	810.935
34.5	942.428	917.618	868.352	818.023	799.947
35.0	932.858	907.340	857.365	806.682	788.606
35.5	922.934	897.061	846.732	796.049	776.909
36.0	913.719	887.137	836.099	784.707	766.277
36.5	903.795	876.859	825.112	773.720	754.935
37.0	893.517	866.580	814.833	762.732	744.302
37.5	883.593	856.302	804.201	751.391	732.960
38.0	873.669	845.669	793.213	740.403	721.618
38.5	863.390	835.745	782.580	729.416	710.631
39.0	852.757	825.112	771.947	718.429	699.644
39.5	842.833	814.833	760.960	707.441	688.657
40.0	832.555	804.201	750.327	697.163	678.024
40.5	821.568	793.922	739.340	686.176	666.682
41.0	811.289	783.289	728.707	675.188	654.986
41.5	801.011	773.011	718.074	664.201	643.998
42.0	790.023	762.378	707.441	652.859	632.657
42.5	778.682	751.391	696.808	642.226	621.669
43.0	768.049	740.758	686.176	630.530	610.682
43.5	757.770	730.479	675.543	619.543	600.404
44.0	746.429	719.846	664.910	609.264	589.771
44.5	735.796	709.213	653.214	598.631	579.138
45.0	724.808	698.935	642.581	588.353	568.859
45.5	713.821	687.948	631.593	578.075	558.226
46.0	703.188	677.669	621.315	567.796	547.948
46.5	692.555	667.036	611.036	557.872	538.024
47.0	681.568	656.403	600.758	547.594	527.746
47.5	670.581	645.062	590.834	537.670	517.822
48.0	659.948	634.074	580.910	527.746	507.543
48.5	648.960	623.796	570.632	517.822	497.619
49.0	637.264	613.163	560.707	507.897	488.049
49.5	626.986	603.239	551.138	497.973	478.480
50.0	616.353	592.961	541.214	488.404	468.910
50.5	606.429	582.682	531.290	478.834	459.341
51.0	595.796	572.758	521.366	468.910	449.771
51.5	585.518	562.480	511.796	459.695	440.556
52.0	575.594	552.201	501.872	450.125	431.341
52.5	565.315	542.277	492.303	440.910	422.480
53.0	555.037	532.353	482.733	431.695	413.619
53.5	544.758	522.429	473.518	422.480	404.404
54.0	534.834	512.505	463.594	413.619	395.543
54.5	524.556	502.935	454.379	404.404	386.683

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CANDELA TABULATION - (Cont.)

55.0	514.632	493.011	444.809	395.898	377.822
55.5	504.353	483.442	435.594	386.683	369.316
56.0	494.075	473.518	426.379	378.176	360.809
56.5	484.151	463.948	417.164	369.670	352.835
57.0	473.872	454.379	407.594	361.164	344.435
57.5	463.948	445.163	398.733	352.657	336.247
58.0	454.024	435.594	389.518	344.293	328.202
58.5	444.100	426.024	380.303	336.035	320.156
59.0	434.176	416.809	371.442	327.918	312.182
59.5	424.252	407.594	362.581	319.802	304.420
60.0	414.683	398.379	353.650	311.650	296.693
60.5	405.113	389.164	345.002	303.711	288.966
61.0	395.543	380.303	336.176	295.842	281.382
61.5	386.328	371.088	327.599	287.903	273.903
62.0	376.759	361.873	318.951	280.318	266.673
62.5	367.543	353.118	310.587	272.698	259.301
63.0	358.328	344.364	302.257	265.113	252.070
63.5	349.290	335.609	293.928	257.458	244.769
64.0	340.500	326.926	285.812	250.085	237.751
64.5	331.427	318.242	277.625	242.749	230.769
65.0	322.637	309.736	269.579	235.412	223.964
65.5	313.918	301.123	261.463	228.217	217.017
66.0	305.235	292.582	253.630	221.199	210.212
66.5	296.622	284.146	245.761	214.075	203.336
67.0	287.903	275.782	237.999	207.022	196.744
67.5	279.184	267.417	230.344	200.217	190.151
68.0	270.820	259.194	222.617	193.377	183.488
68.5	262.278	251.042	215.068	186.643	177.073
69.0	253.807	242.891	207.589	179.944	170.693
69.5	245.584	234.774	200.288	173.316	164.491
70.0	237.255	226.693	192.845	166.830	158.217
70.5	229.032	218.754	185.544	160.379	152.157
71.0	220.810	210.886	178.455	154.106	146.025
71.5	212.764	202.946	171.367	147.868	140.106
72.0	204.754	195.220	164.349	141.665	134.187
72.5	196.779	187.564	157.367	135.605	128.445
73.0	189.017	180.015	150.526	129.509	122.810
73.5	181.255	172.359	143.792	123.696	117.174
74.0	173.635	164.845	137.129	117.848	111.574
74.5	166.086	157.473	130.536	112.177	106.258
75.0	158.643	150.207	123.979	106.471	100.977
75.5	151.341	143.083	117.635	101.048	95.731
76.0	144.217	136.030	111.433	95.625	90.663
76.5	137.058	128.977	105.230	90.415	85.701
77.0	130.288	122.101	99.276	85.205	80.774
77.5	123.412	115.331	93.357	80.172	75.954
78.0	116.572	108.668	87.509	75.245	71.382
78.5	109.802	102.076	81.909	70.461	66.739
79.0	103.352	95.731	76.415	65.747	62.273
79.5	97.007	89.281	71.063	61.033	57.914
80.0	90.699	83.114	65.747	56.602	53.696
80.5	84.425	76.982	60.572	52.207	49.514
81.0	78.364	71.028	55.610	48.025	45.544
81.5	72.375	65.250	50.754	43.878	41.610
82.0	66.597	59.402	46.147	39.838	37.711
82.5	60.962	53.873	41.610	35.904	33.990

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CANDELA TABULATION - (Cont.)

83.0	55.397	48.415	37.215	32.076	30.197
83.5	49.904	43.205	33.068	28.319	26.582
84.0	44.658	38.101	29.028	24.633	23.073
84.5	39.483	33.281	25.164	21.124	19.706
85.0	34.592	28.638	21.443	17.828	16.410
85.5	29.843	24.172	17.899	14.461	12.866
86.0	25.377	19.919	14.709	10.987	8.967
86.5	20.947	16.091	11.625	6.947	5.529
87.0	16.871	12.476	8.294	4.395	3.934
87.5	13.078	9.286	4.785	3.367	3.084
88.0	9.570	6.344	3.013	2.587	2.410
88.5	6.592	3.544	2.233	1.878	1.666
89.0	4.147	1.772	1.489	1.205	1.063
89.5	2.056	0.957	0.815	0.603	0.532
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 : LRX4X-4-L8-940-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 : LRX4X-4-L8-940-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 : LRX4X-4-L8-940-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	463.55	N.A.	16.50
0-30	950.20	N.A.	33.70
0-40	1486.27	N.A.	52.80
0-60	2381.81	N.A.	84.50
0-80	2788.18	N.A.	99.00
0-90	2817.36	N.A.	100.00
10-90	2694.8	N.A.	95.60
20-40	1022.72	N.A.	36.30
20-50	1519.83	N.A.	53.90
40-70	1165.57	N.A.	41.40
60-80	406.38	N.A.	14.40
70-80	136.34	N.A.	4.80
80-90	29.18	N.A.	1.00
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	2817.36	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	122.56
10-20	340.99
20-30	486.65
30-40	536.07
40-50	497.12
50-60	398.42
60-70	270.03
70-80	136.34
80-90	29.18
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 : LRX4X-4-L8-940-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	110	106	102	98	107	103	100	97	99	96	94	95	93	91	92	90	88	86
2	101	93	87	82	98	91	86	81	88	83	79	85	81	77	82	78	75	73
3	93	83	75	69	90	81	74	69	78	72	67	76	71	66	73	69	65	63
4	85	74	66	60	83	73	65	59	70	64	58	68	62	58	66	61	57	55
5	79	67	58	52	77	66	58	52	64	57	51	62	56	51	60	54	50	48
6	73	61	52	46	71	60	52	46	58	51	45	56	50	45	55	49	45	43
7	68	55	47	41	66	54	47	41	53	46	41	52	45	40	50	44	40	38
8	64	51	43	37	62	50	42	37	49	42	37	47	41	36	46	41	36	34
9	60	47	39	34	58	46	39	33	45	38	33	44	38	33	43	37	33	31
10	56	43	36	31	55	43	35	31	42	35	30	41	35	30	40	34	30	28

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-4-L8-940-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

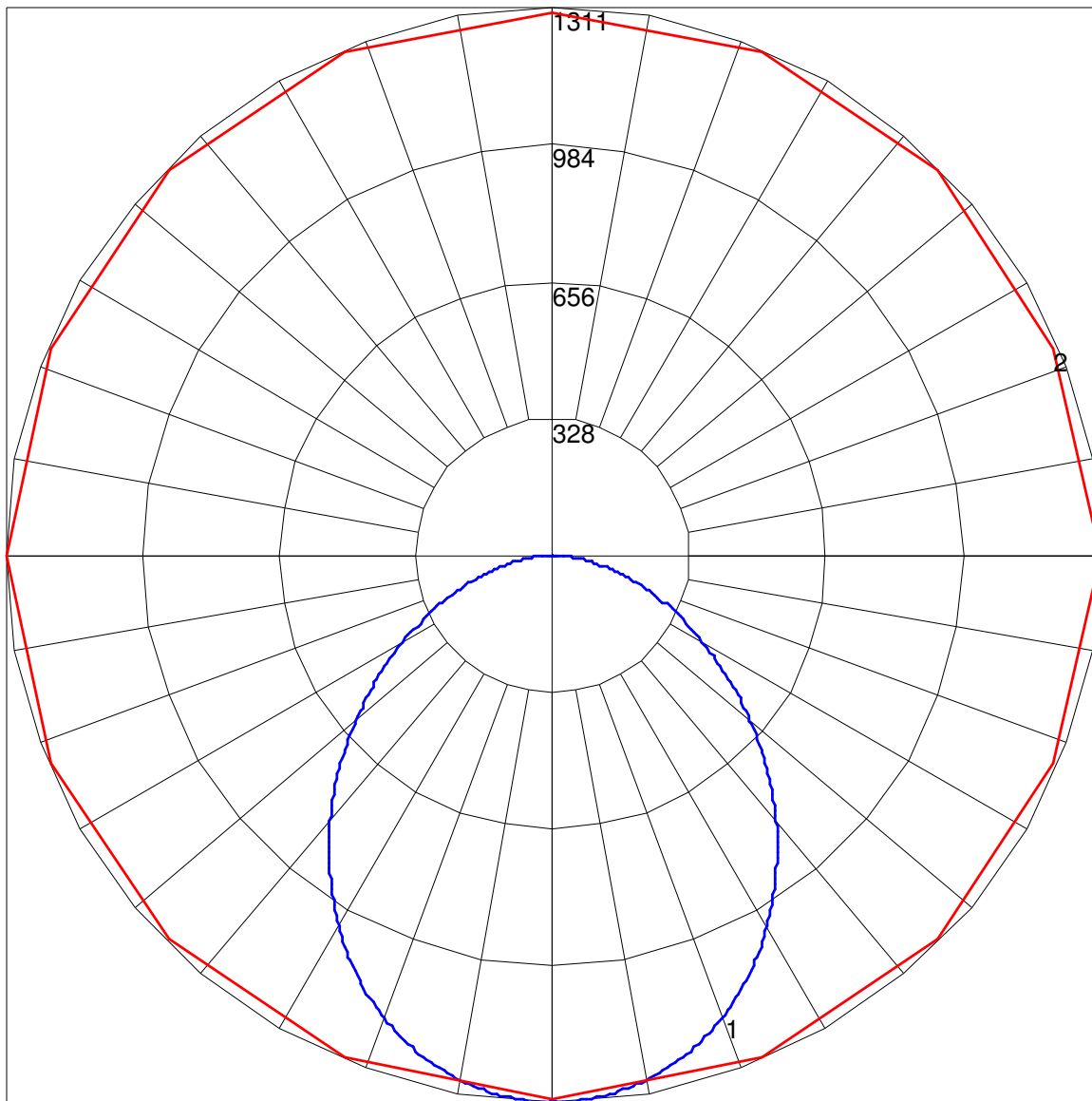
Reflectances

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	18.1	19.7	18.5	20.0	20.3	16.4	17.9	16.8	18.2	18.6
	3H	19.7	21.1	20.1	21.4	21.8	17.7	19.1	18.1	19.4	19.8
	4H	20.3	21.6	20.7	21.9	22.3	18.2	19.5	18.6	19.8	20.2
	6H	20.6	21.8	21.1	22.2	22.6	18.4	19.6	18.8	20.0	20.4
	8H	20.7	21.9	21.2	22.3	22.7	18.5	19.6	18.9	20.0	20.4
	12H	20.8	21.9	21.2	22.3	22.7	18.5	19.6	18.9	20.0	20.4
4H	2H	18.5	19.8	18.9	20.1	20.5	17.1	18.4	17.5	18.7	19.1
	3H	20.3	21.4	20.7	21.8	22.2	18.6	19.7	19.0	20.1	20.5
	4H	21.0	21.9	21.4	22.4	22.8	19.1	20.1	19.6	20.5	21.0
	6H	21.5	22.3	21.9	22.8	23.2	19.5	20.3	19.9	20.8	21.2
	8H	21.6	22.4	22.1	22.9	23.3	19.6	20.3	20.0	20.8	21.3
	12H	21.7	22.4	22.2	22.9	23.4	19.6	20.3	20.1	20.8	21.2
8H	4H	21.1	21.9	21.6	22.3	22.8	19.4	20.2	19.9	20.7	21.1
	6H	21.7	22.4	22.2	22.8	23.3	19.9	20.5	20.3	21.0	21.5
	8H	21.9	22.5	22.4	23.0	23.5	20.0	20.6	20.5	21.1	21.6
	12H	22.0	22.6	22.5	23.0	23.6	20.0	20.6	20.6	21.1	21.6
12H	4H	21.1	21.8	21.6	22.3	22.8	19.5	20.2	19.9	20.6	21.1
	6H	21.7	22.3	22.2	22.8	23.3	19.9	20.5	20.4	21.0	21.5
	8H	21.9	22.4	22.4	22.9	23.5	20.1	20.6	20.6	21.1	21.6

Maximum UGR = 23.6

POLAR GRAPH



Maximum Candela = 1311.389 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.)