

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-2-L12-840-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.01

[TESTLAB] UL, LLC

[ISSUEDATE] 2026-05-12

[TESTDATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX2x-2-L12-840-DMA-DIM-UNV_

[LUMINAIRE] Nominal 2" x 2' 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	2511
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	103
Total Luminaire Watts	24.4
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.04
Spacing Criterion (Diagonal)	1.20
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	2.00 ft
Luminous Width (90-270)	0.23 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	21450	18571	16200
55	18957	15899	13155
65	16261	12795	10328
75	13046	9123	7087
85	8589	2719	1472

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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	1194.327	1194.327	1194.327	1194.327	1194.327
0.5	1196.189	1192.466	1195.444	1194.700	1191.349
1.0	1195.444	1192.093	1195.444	1194.327	1190.977
1.5	1195.072	1191.349	1194.327	1193.210	1189.860
2.0	1194.700	1190.977	1193.955	1192.466	1188.743
2.5	1193.955	1190.232	1192.838	1190.977	1187.626
3.0	1193.210	1189.487	1191.721	1189.487	1185.764
3.5	1192.093	1188.370	1189.860	1187.254	1183.903
4.0	1190.977	1186.881	1188.370	1185.392	1181.297
4.5	1189.860	1185.392	1186.137	1182.786	1178.318
5.0	1189.115	1183.903	1184.275	1179.808	1175.712
5.5	1186.881	1182.041	1181.669	1177.202	1172.734
6.0	1185.392	1180.180	1179.063	1173.851	1169.383
6.5	1183.531	1177.946	1176.457	1170.128	1165.660
7.0	1181.297	1175.340	1173.479	1166.777	1161.193
7.5	1179.063	1173.106	1170.128	1162.310	1156.725
8.0	1176.829	1170.500	1166.777	1158.214	1151.885
8.5	1174.223	1167.522	1163.054	1153.747	1147.790
9.0	1171.245	1164.543	1159.331	1148.907	1142.950
9.5	1168.639	1161.937	1155.236	1144.067	1137.366
10.0	1165.660	1158.587	1151.141	1138.855	1131.781
10.5	1163.054	1155.236	1146.673	1133.271	1125.825
11.0	1159.704	1151.513	1141.833	1127.686	1119.123
11.5	1156.725	1148.162	1136.994	1121.729	1113.539
12.0	1154.491	1144.812	1131.781	1115.773	1107.210
12.5	1149.652	1141.089	1126.569	1109.071	1100.881
13.0	1145.184	1136.621	1121.357	1102.742	1093.807
13.5	1141.461	1131.409	1115.773	1096.413	1086.734
14.0	1136.994	1126.569	1109.816	1089.340	1079.660
14.5	1132.526	1121.357	1103.859	1082.266	1072.214
15.0	1128.058	1116.517	1098.275	1075.192	1064.396
15.5	1123.591	1111.677	1092.318	1067.374	1056.578
16.0	1118.751	1106.465	1086.361	1059.928	1049.132
16.5	1114.283	1100.881	1079.660	1052.482	1040.941
17.0	1108.699	1095.296	1072.214	1044.292	1032.378
17.5	1103.487	1089.712	1065.140	1036.473	1024.188
18.0	1098.647	1083.755	1058.067	1028.283	1015.253
18.5	1092.690	1077.798	1050.621	1019.720	1006.690
19.0	1087.106	1071.842	1043.175	1011.902	998.127
19.5	1081.894	1065.513	1035.729	1002.967	988.447
20.0	1075.565	1059.184	1028.283	994.032	979.512
20.5	1069.980	1053.227	1020.837	985.469	970.577
21.0	1064.023	1046.525	1012.647	976.906	961.270
21.5	1057.694	1039.824	1004.456	967.971	951.962
22.0	1051.365	1033.123	996.638	958.664	942.655
22.5	1045.036	1026.049	988.820	949.356	933.347
23.0	1038.335	1019.348	980.257	940.049	923.668
23.5	1032.006	1012.274	971.694	931.114	913.988
24.0	1024.560	1004.828	963.131	921.434	904.681
24.5	1017.859	997.382	954.196	912.126	895.001
25.0	1010.785	989.936	946.005	902.447	885.321
25.5	1003.711	982.490	937.070	892.767	875.269
26.0	996.638	974.300	928.135	883.460	865.589
26.5	989.192	966.854	919.200	873.780	855.537

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CANDELA TABULATION - (Cont.)

27.0	981.374	958.664	910.265	864.100	845.858
27.5	973.555	950.845	900.958	854.420	835.806
28.0	964.993	942.655	892.022	844.741	825.754
28.5	956.430	934.464	883.087	835.433	815.702
29.0	948.612	926.274	873.408	825.381	805.650
29.5	940.793	917.711	864.100	815.329	795.225
30.0	932.230	909.148	855.165	805.650	785.918
30.5	924.412	900.958	845.858	795.598	775.866
31.0	915.849	892.395	836.550	785.546	766.186
31.5	908.031	883.460	826.871	775.866	756.507
32.0	899.468	874.525	817.563	765.814	746.455
32.5	890.906	865.589	807.883	755.390	736.403
33.0	882.715	856.654	798.576	745.710	726.723
33.5	874.152	848.091	789.269	736.403	717.043
34.0	865.217	838.784	779.589	726.350	706.991
34.5	856.654	829.849	770.281	716.671	697.684
35.0	847.719	820.914	760.602	706.991	687.259
35.5	839.529	811.606	750.922	697.311	677.207
36.0	830.594	802.671	741.615	687.259	666.411
36.5	821.658	793.364	731.935	677.207	657.103
37.0	813.096	784.056	722.255	666.783	647.424
37.5	803.788	774.749	713.320	657.103	638.116
38.0	794.108	765.814	703.640	647.796	628.437
38.5	785.173	756.134	693.961	638.489	619.129
39.0	776.611	746.827	683.536	628.809	609.822
39.5	766.931	737.519	673.484	619.501	600.514
40.0	757.996	728.212	663.805	610.566	591.207
40.5	748.688	718.905	654.497	600.887	581.899
41.0	738.636	709.597	645.190	591.951	572.592
41.5	729.329	699.917	635.510	582.644	563.657
42.0	719.649	690.238	626.575	573.709	554.350
42.5	709.969	680.186	616.895	564.402	545.414
43.0	700.662	669.761	608.333	555.466	536.107
43.5	690.610	660.454	599.025	546.531	526.800
44.0	680.186	651.147	589.718	537.596	517.492
44.5	669.389	641.467	580.783	528.661	508.185
45.0	660.082	632.159	571.475	519.726	498.505
45.5	650.774	622.852	562.540	510.791	489.198
46.0	641.095	613.545	553.233	501.483	480.263
46.5	631.415	604.237	544.298	492.548	470.955
47.0	621.735	594.930	535.735	483.241	462.020
47.5	612.428	585.622	526.800	474.306	453.085
48.0	602.748	576.315	517.864	464.998	444.150
48.5	593.441	567.380	508.929	456.063	435.215
49.0	584.133	558.072	500.367	447.128	426.280
49.5	574.454	548.765	491.431	438.193	417.717
50.0	565.518	539.830	482.869	429.630	409.526
50.5	556.211	530.523	474.306	420.695	400.963
51.0	546.904	521.587	465.743	412.132	392.401
51.5	537.596	512.652	457.180	403.569	384.210
52.0	528.289	503.717	448.617	395.007	376.019
52.5	519.354	494.782	440.054	386.816	367.754
53.0	510.046	486.219	431.492	378.253	359.452
53.5	500.739	477.284	422.929	370.026	351.932
54.0	491.431	468.349	414.366	361.798	343.779
54.5	482.496	459.414	405.431	353.719	335.960

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CANDELA TABULATION - (Cont.)

55.0	473.189	450.851	396.868	345.491	328.366
55.5	464.254	442.288	388.305	337.561	320.771
56.0	454.946	433.725	379.370	329.594	313.101
56.5	446.011	424.790	370.956	321.850	305.395
57.0	436.704	416.600	362.505	314.032	298.023
57.5	428.141	408.037	354.054	306.400	290.577
58.0	419.206	399.474	345.640	298.805	283.392
58.5	409.898	390.911	337.412	291.285	276.095
59.0	401.336	382.349	329.110	283.876	268.873
59.5	392.401	374.158	320.882	276.467	261.873
60.0	383.838	365.744	312.804	269.282	255.023
60.5	374.903	357.554	304.874	261.985	248.061
61.0	366.265	349.326	296.944	254.763	241.285
61.5	357.628	341.135	289.014	247.689	234.696
62.0	349.028	332.945	281.121	240.913	228.032
62.5	340.614	324.940	273.303	234.026	221.405
63.0	332.200	316.973	265.596	227.175	215.001
63.5	323.972	309.081	257.890	220.437	208.747
64.0	315.484	301.151	250.332	213.810	202.306
64.5	307.219	293.332	242.812	207.220	196.089
65.0	299.066	285.477	235.329	200.742	189.946
65.5	290.875	277.696	227.920	194.264	183.803
66.0	282.834	270.101	220.586	187.973	177.734
66.5	274.867	262.432	213.400	181.606	171.815
67.0	266.788	254.763	206.141	175.389	165.933
67.5	258.858	247.205	199.104	169.246	160.013
68.0	251.077	239.498	191.956	163.140	154.242
68.5	243.259	231.755	185.106	157.184	148.509
69.0	235.515	223.862	178.256	151.190	142.850
69.5	227.808	216.193	171.480	145.345	137.340
70.0	220.064	208.486	164.778	139.574	131.681
70.5	212.395	200.780	158.152	133.841	126.320
71.0	204.763	193.185	151.599	128.144	120.885
71.5	197.354	185.702	145.158	122.597	115.449
72.0	190.057	178.293	138.829	117.013	110.125
72.5	182.574	171.070	132.575	111.577	104.876
73.0	175.314	163.810	126.432	106.179	99.775
73.5	168.017	156.588	120.401	100.818	94.601
74.0	160.981	149.626	114.444	95.680	89.649
74.5	153.907	142.664	108.599	90.431	84.697
75.0	146.945	135.739	102.754	85.330	79.820
75.5	140.021	129.038	97.095	80.304	75.129
76.0	133.357	122.337	91.548	75.465	70.439
76.5	126.730	115.859	86.038	70.699	65.934
77.0	120.177	109.306	80.677	65.971	61.615
77.5	113.774	102.940	75.390	61.429	57.296
78.0	107.408	96.685	70.178	56.999	53.089
78.5	101.227	90.543	65.003	52.680	48.994
79.0	95.122	84.474	60.014	48.436	44.973
79.5	89.239	78.480	55.174	44.341	40.990
80.0	83.432	72.635	50.483	40.357	37.155
80.5	77.736	66.902	45.941	36.373	33.321
81.0	72.114	61.243	41.623	32.501	29.598
81.5	66.641	55.770	37.379	28.667	25.800
82.0	61.317	50.483	33.358	24.981	22.040
82.5	56.142	45.346	29.411	21.184	18.056

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CANDELA TABULATION - (Cont.)

83.0	51.116	40.357	25.540	17.312	13.775
83.5	46.239	35.517	21.817	13.030	9.196
84.0	41.511	30.938	18.168	8.675	7.111
84.5	36.969	26.545	14.482	6.627	6.292
85.0	32.576	22.375	10.313	5.808	5.584
85.5	28.369	18.466	6.255	5.100	4.914
86.0	24.311	14.743	4.914	4.393	4.244
86.5	20.365	11.243	4.170	3.723	3.574
87.0	16.679	7.818	3.462	3.090	2.941
87.5	13.142	4.132	2.755	2.420	2.345
88.0	9.829	2.606	2.122	1.824	1.713
88.5	6.776	1.936	1.489	1.266	1.191
89.0	4.132	1.266	0.894	0.745	0.707
89.5	1.861	0.670	0.447	0.372	0.298
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 : LRX2X-2-L12-840-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 : LRX2X-2-L12-840-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 : LRX2X-2-L12-840-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	420.01	N.A.	16.70
0-30	855.03	N.A.	34.10
0-40	1332.32	N.A.	53.10
0-60	2133.15	N.A.	85.00
0-80	2489.77	N.A.	99.20
0-90	2511.01	N.A.	100.00
10-90	2399.19	N.A.	95.50
20-40	912.31	N.A.	36.30
20-50	1356.46	N.A.	54.00
40-70	1040.6	N.A.	41.40
60-80	356.62	N.A.	14.20
70-80	116.86	N.A.	4.70
80-90	21.23	N.A.	0.80
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	2511.01	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	111.82
10-20	308.19
20-30	435.02
30-40	477.29
40-50	444.15
50-60	356.69
60-70	239.76
70-80	116.86
80-90	21.23
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 : LRX2X-2-L12-840-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	99	107	103	100	97	99	96	94	95	93	91	92	90	88	86
2	101	93	87	82	98	92	86	81	88	83	79	85	81	77	82	79	76	74
3	93	83	76	70	90	82	75	69	79	73	68	76	71	67	73	69	65	63
4	85	74	66	60	83	73	65	60	71	64	59	68	63	58	66	61	57	55
5	79	67	59	52	77	66	58	52	64	57	52	62	56	51	60	55	50	48
6	73	61	52	46	71	60	52	46	58	51	46	56	50	45	55	49	45	43
7	68	55	47	41	67	55	47	41	53	46	41	52	45	41	50	45	40	38
8	64	51	43	37	62	50	42	37	49	42	37	48	41	37	47	41	36	35
9	60	47	39	34	58	46	39	34	45	38	34	44	38	33	43	37	33	31
10	56	43	36	31	55	43	36	31	42	35	31	41	35	31	40	35	30	29

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-2-L12-840-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

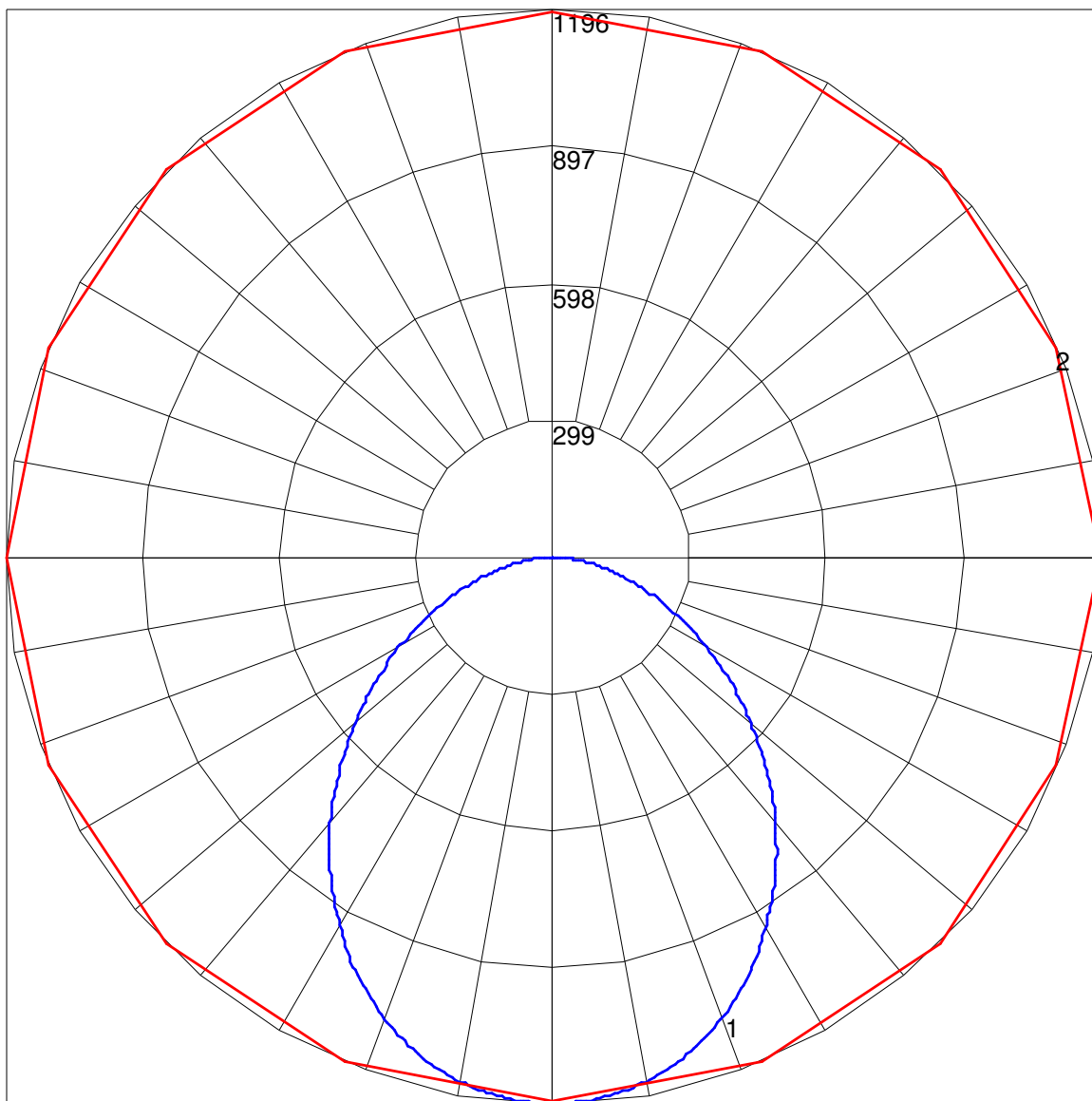
Reflectances

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	22.2	23.8	22.6	24.1	24.4	20.1	21.6	20.5	21.9	22.3
	3H	23.8	25.2	24.2	25.5	25.9	21.4	22.7	21.7	23.1	23.4
	4H	24.4	25.7	24.8	26.0	26.4	21.7	23.0	22.1	23.4	23.7
	6H	24.7	25.9	25.2	26.3	26.7	21.9	23.1	22.3	23.5	23.9
	8H	24.9	26.0	25.3	26.4	26.8	21.9	23.1	22.4	23.5	23.9
	12H	24.9	26.0	25.3	26.4	26.8	21.9	23.0	22.3	23.4	23.8
4H	2H	22.5	23.8	22.9	24.2	24.6	20.8	22.1	21.2	22.4	22.8
	3H	24.4	25.4	24.8	25.8	26.2	22.2	23.3	22.7	23.7	24.1
	4H	25.0	26.0	25.5	26.4	26.9	22.7	23.7	23.1	24.1	24.5
	6H	25.5	26.4	26.0	26.8	27.3	22.9	23.8	23.4	24.2	24.7
	8H	25.7	26.5	26.1	26.9	27.4	23.0	23.7	23.4	24.2	24.7
	12H	25.8	26.5	26.2	26.9	27.4	22.9	23.6	23.4	24.1	24.6
8H	4H	25.1	25.9	25.6	26.4	26.8	23.0	23.8	23.4	24.2	24.7
	6H	25.7	26.3	26.2	26.8	27.3	23.3	23.9	23.8	24.4	24.9
	8H	25.9	26.5	26.4	27.0	27.5	23.3	23.9	23.9	24.4	24.9
	12H	26.0	26.5	26.5	27.0	27.6	23.3	23.8	23.8	24.3	24.9
12H	4H	25.1	25.8	25.6	26.3	26.8	23.0	23.7	23.5	24.2	24.7
	6H	25.7	26.3	26.2	26.7	27.3	23.3	23.9	23.9	24.4	24.9
	8H	25.9	26.4	26.4	26.9	27.5	23.4	23.9	23.9	24.4	25.0

Maximum UGR = 27.6

POLAR GRAPH



Maximum Candela = 1196.189 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.)