

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L12-827-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.02

[TESTLAB] UL, LLC

[ISSUE DATE] 2026-05-13

[TEST DATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX4x-2-L12-827-DMA-DIM-UNV_

[LUMINAIRE] Nominal 4" x 2' 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	2338
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	118
Total Luminaire Watts	19.8
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)	2.00 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	11404	10111	8951
55	9983	8628	7329
65	8494	7097	5896
75	6820	5330	4341
85	4416	2737	2095

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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	1082.829	1082.829	1082.829	1082.829	1082.829
0.5	1088.123	1080.477	1083.123	1082.241	1081.653
1.0	1087.829	1080.183	1082.829	1081.947	1081.359
1.5	1087.535	1079.594	1082.535	1081.359	1080.771
2.0	1086.947	1079.300	1081.653	1080.183	1080.477
2.5	1086.653	1078.712	1081.065	1079.594	1079.300
3.0	1085.770	1077.830	1080.183	1078.124	1077.830
3.5	1085.182	1076.948	1079.006	1076.948	1076.359
4.0	1083.712	1075.771	1077.830	1075.477	1074.595
4.5	1083.123	1074.595	1076.359	1073.713	1072.536
5.0	1081.653	1073.419	1074.595	1071.948	1070.772
5.5	1081.065	1071.654	1072.830	1069.595	1068.125
6.0	1078.418	1070.184	1070.772	1067.243	1065.772
6.5	1076.948	1068.713	1068.419	1064.596	1062.831
7.0	1075.183	1066.655	1066.361	1061.949	1060.185
7.5	1073.419	1064.596	1063.714	1059.008	1056.950
8.0	1071.360	1062.243	1061.361	1055.773	1053.421
8.5	1069.301	1060.185	1058.714	1052.244	1049.892
9.0	1066.949	1057.832	1055.479	1048.715	1046.363
9.5	1064.302	1054.891	1052.538	1044.892	1042.245
10.0	1062.243	1052.244	1049.009	1041.363	1038.422
10.5	1059.008	1049.303	1045.774	1037.540	1034.305
11.0	1056.067	1046.363	1041.951	1033.129	1030.188
11.5	1053.127	1043.128	1038.128	1028.717	1025.188
12.0	1049.892	1039.893	1034.305	1024.012	1020.483
12.5	1046.068	1036.070	1030.188	1019.307	1015.189
13.0	1042.834	1032.540	1025.776	1014.307	1010.190
13.5	1039.599	1028.717	1021.365	1009.308	1005.190
14.0	1035.481	1024.894	1016.954	1003.720	999.309
14.5	1031.952	1020.483	1011.954	998.426	993.721
15.0	1027.835	1016.366	1006.955	992.839	987.839
15.5	1023.718	1011.954	1001.955	986.957	981.957
16.0	1019.307	1007.543	996.662	981.075	975.488
16.5	1015.189	1003.132	991.368	974.899	969.312
17.0	1010.484	998.132	985.781	968.724	962.548
17.5	1006.073	993.133	980.487	962.254	955.784
18.0	1001.073	988.427	974.605	955.784	949.020
18.5	996.662	983.134	968.724	949.020	941.668
19.0	991.368	977.840	962.548	941.962	934.315
19.5	986.369	972.547	956.372	935.198	926.963
20.0	981.075	966.959	949.902	928.139	919.611
20.5	975.782	961.371	943.432	920.787	911.965
21.0	970.194	955.784	936.962	913.435	904.024
21.5	964.900	949.608	930.198	905.789	896.378
22.0	959.019	943.726	923.140	898.143	888.732
22.5	953.137	937.550	916.082	890.496	880.497
23.0	947.549	931.669	909.318	882.262	872.263
23.5	941.668	925.199	901.966	874.322	864.028
24.0	935.492	918.729	894.614	866.381	855.500
24.5	929.316	912.259	886.967	858.147	847.265
25.0	922.846	905.789	879.615	849.912	838.737
25.5	916.082	898.731	871.969	841.384	829.620
26.0	909.612	891.967	863.734	832.855	820.798
26.5	903.142	884.909	856.088	824.327	811.681

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CANDELA TABULATION - (Cont.)

27.0	896.084	877.851	847.854	815.504	802.858
27.5	888.732	870.498	839.913	806.681	794.036
28.0	881.968	863.440	831.679	797.565	784.625
28.5	874.910	856.088	823.739	788.742	775.508
29.0	867.852	848.736	815.504	779.625	766.686
29.5	859.617	841.090	806.976	770.509	757.275
30.0	851.677	833.149	798.447	761.392	748.158
30.5	844.325	825.503	790.213	752.569	738.747
31.0	836.678	817.857	781.684	743.453	729.336
31.5	829.326	809.916	773.155	734.042	719.926
32.0	821.092	801.976	764.333	724.925	710.809
32.5	813.445	793.742	755.804	715.514	701.104
33.0	805.505	785.801	746.688	706.398	691.987
33.5	797.565	777.567	738.453	696.987	681.988
34.0	789.918	769.332	729.336	687.870	672.872
34.5	781.978	761.392	720.514	678.753	663.755
35.0	774.038	752.863	711.397	669.343	654.344
35.5	765.803	744.335	702.575	660.520	644.639
36.0	758.157	736.100	693.752	651.109	635.817
36.5	749.923	727.572	684.635	641.993	626.406
37.0	741.394	719.043	676.107	632.876	617.583
37.5	733.160	710.515	667.284	623.465	608.173
38.0	724.925	701.692	658.167	614.348	598.762
38.5	716.397	693.458	649.345	605.232	589.645
39.0	707.574	684.635	640.522	596.115	580.528
39.5	699.340	676.107	631.405	586.998	571.412
40.0	690.811	667.284	622.583	578.470	562.589
40.5	681.694	658.756	613.466	569.353	553.178
41.0	673.166	649.933	604.643	560.236	543.473
41.5	664.637	641.404	595.821	551.120	534.357
42.0	655.521	632.582	586.998	541.709	524.946
42.5	646.110	623.465	578.176	532.886	515.829
43.0	637.287	614.642	569.353	523.181	506.712
43.5	628.759	606.114	560.530	514.065	498.184
44.0	619.348	597.291	551.708	505.536	489.361
44.5	610.525	588.469	542.003	496.713	480.539
45.0	601.409	579.940	533.180	488.185	472.010
45.5	592.292	570.823	524.064	479.656	463.187
46.0	583.469	562.295	515.535	471.128	454.659
46.5	574.647	553.472	507.006	462.893	446.425
47.0	565.530	544.650	498.478	454.365	437.896
47.5	556.413	535.239	490.244	446.130	429.662
48.0	547.591	526.122	482.009	437.896	421.133
48.5	538.474	517.594	473.481	429.662	412.899
49.0	528.769	508.771	465.246	421.427	404.958
49.5	520.240	500.537	457.306	413.193	397.018
50.0	511.418	492.008	449.071	405.252	389.077
50.5	503.183	483.480	440.837	397.312	381.137
51.0	494.361	475.245	432.602	389.077	373.197
51.5	485.832	466.717	424.662	381.431	365.551
52.0	477.598	458.188	416.428	373.491	357.904
52.5	469.069	449.954	408.487	365.845	350.552
53.0	460.541	441.719	400.547	358.198	343.200
53.5	452.012	433.485	392.901	350.552	335.554
54.0	443.778	425.250	384.666	343.200	328.201
54.5	435.249	417.310	377.020	335.554	320.849

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CANDELA TABULATION - (Cont.)

55.0	427.015	409.075	369.080	328.496	313.497
55.5	418.486	401.135	361.433	320.849	306.439
56.0	409.958	392.901	353.787	313.791	299.381
56.5	401.723	384.960	346.141	306.733	292.764
57.0	393.195	377.020	338.200	299.675	285.794
57.5	384.960	369.374	330.848	292.617	279.001
58.0	376.726	361.433	323.202	285.676	272.325
58.5	368.491	353.493	315.556	278.824	265.649
59.0	360.257	345.847	308.203	272.090	259.032
59.5	352.022	338.200	300.851	265.355	252.592
60.0	344.082	330.554	293.440	258.591	246.180
60.5	336.142	322.908	286.265	252.003	239.769
61.0	328.201	315.556	278.942	245.475	233.476
61.5	320.555	307.909	271.825	238.887	227.271
62.0	312.615	300.263	264.649	232.594	221.271
62.5	304.969	292.999	257.709	226.271	215.154
63.0	297.322	285.735	250.798	219.977	209.155
63.5	289.823	278.471	243.887	213.625	203.097
64.0	282.530	271.266	237.152	207.508	197.274
64.5	275.001	264.061	230.359	201.420	191.480
65.0	267.708	257.003	223.683	195.333	185.834
65.5	260.473	249.857	216.948	189.363	180.070
66.0	253.268	242.769	210.449	183.540	174.423
66.5	246.122	235.770	203.920	177.629	168.718
67.0	238.887	228.829	197.480	171.776	163.248
67.5	231.653	221.889	191.127	166.130	157.778
68.0	224.712	215.066	184.716	160.454	152.249
68.5	217.625	208.302	178.452	154.866	146.926
69.0	210.596	201.538	172.247	149.308	141.632
69.5	203.773	194.803	166.189	143.809	136.486
70.0	196.862	188.098	160.013	138.427	131.281
70.5	190.039	181.511	153.955	133.074	126.252
71.0	183.216	174.982	148.073	127.869	121.164
71.5	176.541	168.394	142.191	122.693	116.253
72.0	169.894	161.983	136.368	117.547	111.341
72.5	163.277	155.631	130.575	112.518	106.577
73.0	156.837	149.367	124.899	107.459	101.901
73.5	150.396	143.015	119.311	102.636	97.225
74.0	144.073	136.780	113.782	97.784	92.579
74.5	137.809	130.663	108.312	93.079	88.167
75.0	131.633	124.634	102.872	88.344	83.785
75.5	125.575	118.723	97.608	83.844	79.433
76.0	119.664	112.871	92.461	79.345	75.228
76.5	113.724	107.018	87.315	75.022	71.110
77.0	108.106	101.313	82.374	70.699	67.022
77.5	102.401	95.696	77.463	66.523	63.023
78.0	96.725	90.167	72.610	62.435	59.229
78.5	91.108	84.697	67.964	58.465	55.377
79.0	85.756	79.433	63.405	54.553	51.671
79.5	80.492	74.081	58.965	50.642	48.054
80.0	75.257	68.963	54.553	46.966	44.554
80.5	70.052	63.876	50.260	43.319	41.084
81.0	65.023	58.935	46.142	39.849	37.790
81.5	60.053	54.141	42.113	36.408	34.526
82.0	55.259	49.289	38.290	33.055	31.291
82.5	50.583	44.701	34.526	29.791	28.203

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CANDELA TABULATION - (Cont.)

83.0	45.966	40.172	30.879	26.615	25.056
83.5	41.407	35.849	27.438	23.498	22.057
84.0	37.055	31.614	24.086	20.439	19.145
84.5	32.761	27.615	20.880	17.528	16.351
85.0	28.703	23.762	17.792	14.793	13.616
85.5	24.762	20.057	14.851	11.999	10.675
86.0	21.057	16.528	12.205	9.117	7.440
86.5	17.381	13.352	9.646	5.764	4.588
87.0	13.999	10.352	6.882	3.647	3.264
87.5	10.852	7.705	3.970	2.794	2.559
88.0	7.940	5.264	2.500	2.147	2.000
88.5	5.470	2.941	1.853	1.559	1.382
89.0	3.441	1.470	1.235	1.000	0.882
89.5	1.706	0.794	0.676	0.500	0.441
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

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PHOTOMETRIC FILENAME : LRX4X-2-L12-827-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-2-L12-827-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-2-L12-827-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	384.63	N.A.	16.50
0-30	788.42	N.A.	33.70
0-40	1233.23	N.A.	52.80
0-60	1976.3	N.A.	84.50
0-80	2313.49	N.A.	99.00
0-90	2337.7	N.A.	100.00
10-90	2236.01	N.A.	95.60
20-40	848.60	N.A.	36.30
20-50	1261.08	N.A.	53.90
40-70	967.13	N.A.	41.40
60-80	337.19	N.A.	14.40
70-80	113.13	N.A.	4.80
80-90	24.21	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	2337.7	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	101.69
10-20	282.94
20-30	403.79
30-40	444.80
40-50	412.48
50-60	330.59
60-70	224.06
70-80	113.13
80-90	24.21
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-2-L12-827-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	51	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-2-L12-827-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

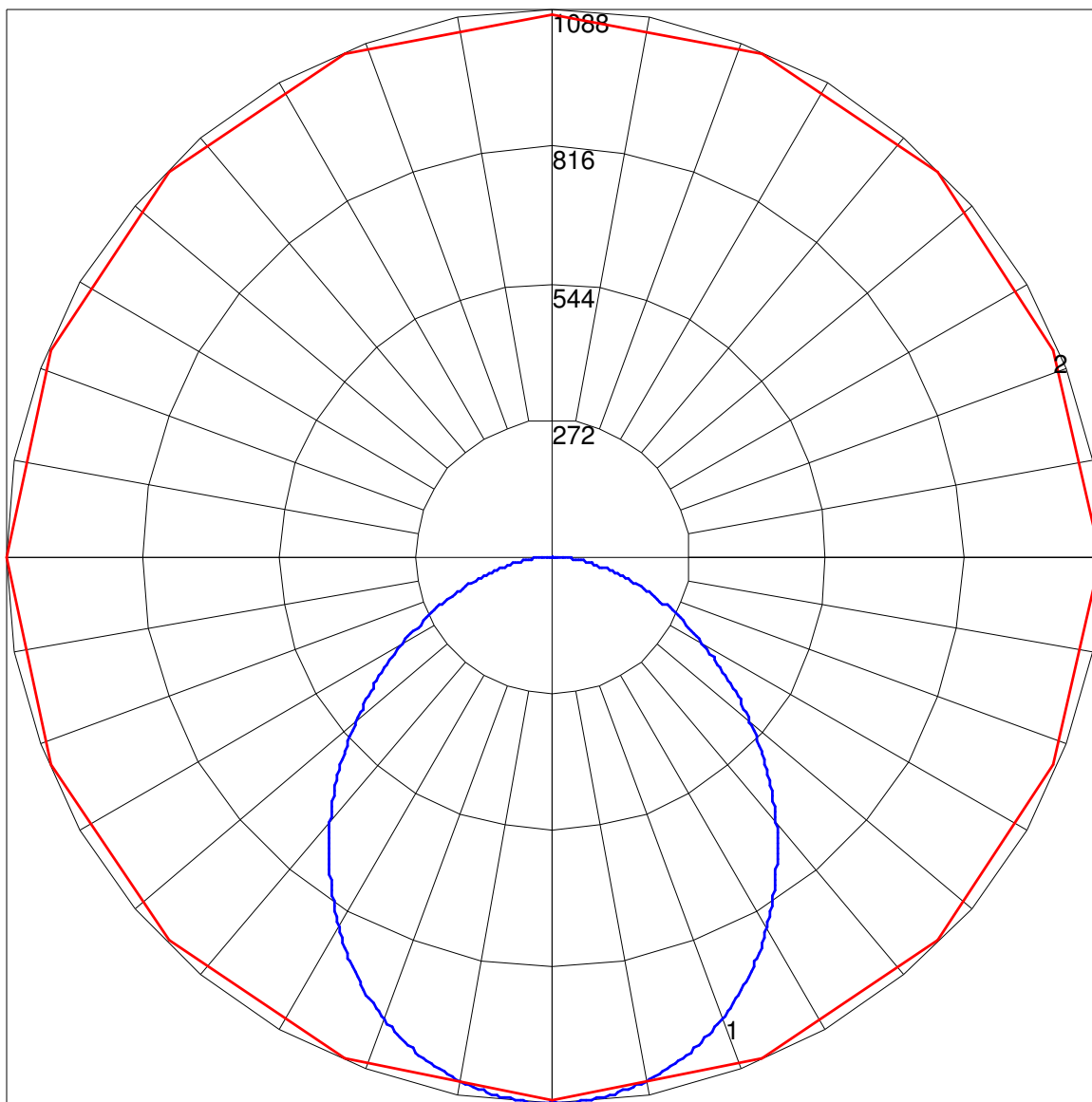
Reflectances

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	19.9	21.5	20.3	21.8	22.1	18.2	19.7	18.6	20.1	20.4
	3H	21.5	22.9	21.9	23.2	23.6	19.5	20.9	19.9	21.3	21.6
	4H	22.1	23.4	22.5	23.7	24.1	20.0	21.3	20.4	21.6	22.0
	6H	22.5	23.6	22.9	24.0	24.4	20.2	21.4	20.6	21.8	22.2
	8H	22.5	23.7	23.0	24.1	24.5	20.3	21.4	20.7	21.8	22.2
	12H	22.6	23.7	23.0	24.1	24.5	20.3	21.4	20.7	21.8	22.2
4H	2H	20.3	21.6	20.7	21.9	22.3	18.9	20.2	19.3	20.5	20.9
	3H	22.1	23.2	22.5	23.6	24.0	20.4	21.5	20.8	21.9	22.3
	4H	22.8	23.8	23.2	24.2	24.6	20.9	21.9	21.4	22.3	22.8
	6H	23.3	24.1	23.7	24.6	25.0	21.3	22.1	21.7	22.6	23.0
	8H	23.4	24.2	23.9	24.7	25.1	21.4	22.2	21.8	22.6	23.1
	12H	23.5	24.2	24.0	24.7	25.2	21.4	22.1	21.9	22.6	23.1
8H	4H	22.9	23.7	23.4	24.1	24.6	21.2	22.0	21.7	22.5	22.9
	6H	23.5	24.2	24.0	24.6	25.1	21.7	22.3	22.2	22.8	23.3
	8H	23.7	24.3	24.2	24.8	25.3	21.8	22.4	22.3	22.9	23.4
	12H	23.8	24.4	24.4	24.9	25.4	21.9	22.4	22.4	22.9	23.4
12H	4H	22.9	23.6	23.4	24.1	24.6	21.3	22.0	21.8	22.5	22.9
	6H	23.5	24.1	24.0	24.6	25.1	21.7	22.3	22.2	22.8	23.3
	8H	23.7	24.3	24.2	24.7	25.3	21.9	22.4	22.4	22.9	23.4

Maximum UGR = 25.4

POLAR GRAPH



Maximum Candela = 1088.123 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.)