

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-2-L12-830-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.01

[TESTLAB] UL, LLC

[ISSUE DATE] 2026-05-12

[TEST DATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX2x-2-L12-830-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	2413
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	99
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	20617	17850	15570
55	18220	15282	12644
65	15629	12298	9927
75	12539	8768	6811
85	8255	2613	1415

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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	1147.946	1147.946	1147.946	1147.946	1147.946
0.5	1149.735	1146.156	1149.019	1148.303	1145.083
1.0	1149.019	1145.799	1149.019	1147.946	1144.725
1.5	1148.661	1145.083	1147.946	1146.872	1143.652
2.0	1148.303	1144.725	1147.588	1146.156	1142.578
2.5	1147.588	1144.009	1146.514	1144.725	1141.504
3.0	1146.872	1143.294	1145.441	1143.294	1139.715
3.5	1145.799	1142.220	1143.652	1141.147	1137.926
4.0	1144.725	1140.789	1142.220	1139.357	1135.421
4.5	1143.652	1139.357	1140.073	1136.853	1132.559
5.0	1142.936	1137.926	1138.284	1133.990	1130.054
5.5	1140.789	1136.137	1135.779	1131.485	1127.191
6.0	1139.357	1134.348	1133.274	1128.264	1123.970
6.5	1137.568	1132.201	1130.769	1124.686	1120.392
7.0	1135.421	1129.696	1127.907	1121.466	1116.098
7.5	1133.274	1127.549	1124.686	1117.171	1111.804
8.0	1131.127	1125.044	1121.466	1113.235	1107.152
8.5	1128.622	1122.181	1117.887	1108.941	1103.216
9.0	1125.760	1119.318	1114.309	1104.289	1098.564
9.5	1123.255	1116.814	1110.373	1099.637	1093.196
10.0	1120.392	1113.593	1106.436	1094.628	1087.829
10.5	1117.887	1110.373	1102.142	1089.260	1082.103
11.0	1114.667	1106.794	1097.490	1083.892	1075.662
11.5	1111.804	1103.574	1092.838	1078.167	1070.295
12.0	1109.657	1100.353	1087.829	1072.442	1064.211
12.5	1105.005	1096.775	1082.819	1066.001	1058.128
13.0	1100.711	1092.481	1077.809	1059.917	1051.329
13.5	1097.133	1087.471	1072.442	1053.834	1044.530
14.0	1092.838	1082.819	1066.716	1047.035	1037.731
14.5	1088.544	1077.809	1060.991	1040.236	1030.575
15.0	1084.250	1073.157	1055.623	1033.437	1023.060
15.5	1079.956	1068.505	1049.898	1025.923	1015.545
16.0	1075.304	1063.496	1044.172	1018.766	1008.389
16.5	1071.010	1058.128	1037.731	1011.609	1000.516
17.0	1065.643	1052.761	1030.575	1003.737	992.286
17.5	1060.633	1047.393	1023.776	996.222	984.413
18.0	1055.981	1041.668	1016.977	988.350	975.825
18.5	1050.256	1035.942	1009.820	980.119	967.595
19.0	1044.888	1030.217	1002.663	972.605	959.365
19.5	1039.878	1024.133	995.506	964.017	950.061
20.0	1033.795	1018.050	988.350	955.429	941.473
20.5	1028.428	1012.325	981.193	947.198	932.885
21.0	1022.702	1005.884	973.320	938.968	923.939
21.5	1016.619	999.443	965.448	930.380	914.993
22.0	1010.536	993.002	957.933	921.434	906.047
22.5	1004.452	986.203	950.419	912.488	897.101
23.0	998.011	979.762	942.188	903.542	887.797
23.5	991.928	972.963	933.958	894.954	878.493
24.0	984.771	965.806	925.728	885.650	869.547
24.5	978.330	958.649	917.140	876.704	860.243
25.0	971.531	951.492	909.267	867.400	850.940
25.5	964.732	944.336	900.679	858.096	841.278
26.0	957.933	936.463	892.091	849.151	831.974
26.5	950.777	929.306	883.503	839.847	822.313

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CANDELA TABULATION - (Cont.)

27.0	943.262	921.434	874.915	830.543	813.009
27.5	935.747	913.919	865.969	821.239	803.347
28.0	927.517	906.047	857.381	811.935	793.686
28.5	919.287	898.174	848.793	802.989	784.024
29.0	911.772	890.302	839.489	793.328	774.362
29.5	904.258	882.072	830.543	783.666	764.343
30.0	896.027	873.841	821.955	774.362	755.397
30.5	888.513	865.969	813.009	764.701	745.735
31.0	880.282	857.739	804.063	755.039	736.431
31.5	872.768	849.151	794.759	745.735	727.128
32.0	864.538	840.562	785.813	736.074	717.466
32.5	856.307	831.974	776.509	726.054	707.804
33.0	848.435	823.386	767.563	716.750	698.501
33.5	840.205	815.156	758.617	707.804	689.197
34.0	831.616	806.210	749.314	698.143	679.535
34.5	823.386	797.622	740.368	688.839	670.589
35.0	814.798	789.034	731.064	679.535	660.570
35.5	806.926	780.088	721.760	670.231	650.908
36.0	798.337	771.500	712.814	660.570	640.531
36.5	789.749	762.554	703.510	650.908	631.585
37.0	781.519	753.608	694.206	640.889	622.281
37.5	772.573	744.662	685.618	631.585	613.335
38.0	763.269	736.074	676.315	622.639	604.031
38.5	754.681	726.770	667.011	613.693	595.085
39.0	746.451	717.824	656.991	604.389	586.139
39.5	737.147	708.878	647.330	595.443	577.193
40.0	728.559	699.932	638.026	586.855	568.247
40.5	719.613	690.986	629.080	577.551	559.301
41.0	709.951	682.040	620.134	568.963	550.355
41.5	701.005	672.736	610.830	560.017	541.767
42.0	691.702	663.432	602.242	551.429	532.821
42.5	682.398	653.771	592.938	542.483	524.233
43.0	673.452	643.751	584.708	533.895	515.287
43.5	663.790	634.805	575.762	525.307	506.341
44.0	653.771	625.859	566.816	516.719	497.395
44.5	643.393	616.556	558.228	508.131	488.449
45.0	634.447	607.610	549.282	499.542	479.146
45.5	625.502	598.664	540.694	490.954	470.200
46.0	616.198	589.718	531.748	482.008	461.612
46.5	606.894	580.772	523.160	473.420	452.666
47.0	597.590	571.826	514.929	464.474	444.077
47.5	588.644	562.880	506.341	455.886	435.489
48.0	579.340	553.934	497.753	446.940	426.901
48.5	570.394	545.346	489.165	438.352	418.313
49.0	561.448	536.400	480.935	429.764	409.725
49.5	552.145	527.454	472.347	421.176	401.495
50.0	543.557	518.866	464.116	412.946	393.622
50.5	534.611	509.920	455.886	404.357	385.392
51.0	525.665	501.332	447.656	396.127	377.162
51.5	516.719	492.743	439.426	387.897	369.289
52.0	507.773	484.155	431.195	379.667	361.417
52.5	499.185	475.567	422.965	371.794	353.473
53.0	490.239	467.337	414.735	363.564	345.493
53.5	481.293	458.749	406.504	355.656	338.265
54.0	472.347	450.161	398.274	347.747	330.428
54.5	463.759	441.573	389.686	339.982	322.913

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CANDELA TABULATION - (Cont.)

55.0	454.813	433.342	381.456	332.074	315.613
55.5	446.224	425.112	373.225	324.452	308.314
56.0	437.279	416.882	364.637	316.794	300.942
56.5	428.690	408.294	356.550	309.351	293.535
57.0	419.744	400.421	348.427	301.837	286.450
57.5	411.514	392.191	340.304	294.501	279.293
58.0	402.926	383.961	332.217	287.201	272.387
58.5	393.980	375.730	324.309	279.973	265.373
59.0	385.750	367.500	316.329	272.852	258.431
59.5	377.162	359.628	308.421	265.731	251.704
60.0	368.931	351.540	300.656	258.825	245.119
60.5	360.343	343.668	293.034	251.811	238.428
61.0	352.041	335.760	285.412	244.869	231.915
61.5	343.740	327.887	277.790	238.070	225.581
62.0	335.473	320.015	270.204	231.557	219.176
62.5	327.386	312.321	262.689	224.937	212.806
63.0	319.299	304.664	255.282	218.353	206.652
63.5	311.391	297.077	247.875	211.876	200.640
64.0	303.232	289.455	240.611	205.507	194.449
64.5	295.288	281.941	233.382	199.173	188.473
65.0	287.452	274.390	226.190	192.946	182.569
65.5	279.579	266.912	219.069	186.720	176.665
66.0	271.850	259.612	212.019	180.673	170.832
66.5	264.192	252.240	205.113	174.554	165.142
67.0	256.427	244.869	198.135	168.578	159.489
67.5	248.805	237.605	191.372	162.673	153.799
68.0	241.326	230.197	184.501	156.805	148.252
68.5	233.812	222.754	177.917	151.079	142.742
69.0	226.369	215.168	171.333	145.318	137.303
69.5	218.961	207.797	164.820	139.700	132.007
70.0	211.518	200.389	158.379	134.154	126.567
70.5	204.147	192.982	152.010	128.643	121.415
71.0	196.811	185.682	145.712	123.168	116.190
71.5	189.690	178.490	139.521	117.836	110.966
72.0	182.676	171.369	133.438	112.469	105.849
72.5	175.484	164.427	127.426	107.244	100.803
73.0	168.506	157.449	121.522	102.056	95.901
73.5	161.492	150.507	115.725	96.903	90.927
74.0	154.729	143.815	110.000	91.964	86.167
74.5	147.930	137.124	104.381	86.919	81.408
75.0	141.239	130.468	98.763	82.017	76.721
75.5	134.583	124.027	93.324	77.186	72.212
76.0	128.178	117.586	87.992	72.534	67.703
76.5	121.808	111.359	82.696	67.954	63.373
77.0	115.510	105.061	77.544	63.409	59.222
77.5	109.355	98.942	72.462	59.043	55.071
78.0	103.236	92.931	67.453	54.785	51.028
78.5	97.296	87.026	62.479	50.634	47.092
79.0	91.428	81.194	57.684	46.555	43.227
79.5	85.774	75.432	53.032	42.619	39.398
80.0	80.192	69.814	48.523	38.790	35.712
80.5	74.717	64.304	44.157	34.961	32.027
81.0	69.313	58.864	40.006	31.239	28.448
81.5	64.053	53.604	35.927	27.554	24.798
82.0	58.936	48.523	32.062	24.011	21.184
82.5	53.962	43.585	28.269	20.361	17.355

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CANDELA TABULATION - (Cont.)

83.0	49.131	38.790	24.548	16.639	13.240
83.5	44.444	34.138	20.969	12.524	8.839
84.0	39.899	29.736	17.463	8.338	6.835
84.5	35.533	25.514	13.920	6.370	6.047
85.0	31.311	21.506	9.912	5.582	5.368
85.5	27.267	17.749	6.012	4.902	4.723
86.0	23.367	14.170	4.723	4.222	4.079
86.5	19.574	10.807	4.008	3.578	3.435
87.0	16.031	7.515	3.328	2.970	2.827
87.5	12.632	3.972	2.648	2.326	2.254
88.0	9.447	2.505	2.040	1.753	1.646
88.5	6.513	1.861	1.431	1.217	1.145
89.0	3.972	1.217	0.859	0.716	0.680
89.5	1.789	0.644	0.429	0.358	0.286
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-L12-830-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-L12-830-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-L12-830-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	403.70	N.A.	16.70
0-30	821.82	N.A.	34.10
0-40	1280.58	N.A.	53.10
0-60	2050.31	N.A.	85.00
0-80	2393.08	N.A.	99.20
0-90	2413.49	N.A.	100.00
10-90	2306.02	N.A.	95.50
20-40	876.88	N.A.	36.30
20-50	1303.78	N.A.	54.00
40-70	1000.19	N.A.	41.40
60-80	342.77	N.A.	14.20
70-80	112.32	N.A.	4.70
80-90	20.41	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	2413.49	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	107.48
10-20	296.22
20-30	418.13
30-40	458.75
40-50	426.90
50-60	342.84
60-70	230.45
70-80	112.32
80-90	20.41
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-L12-830-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	104	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	66	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-L12-830-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

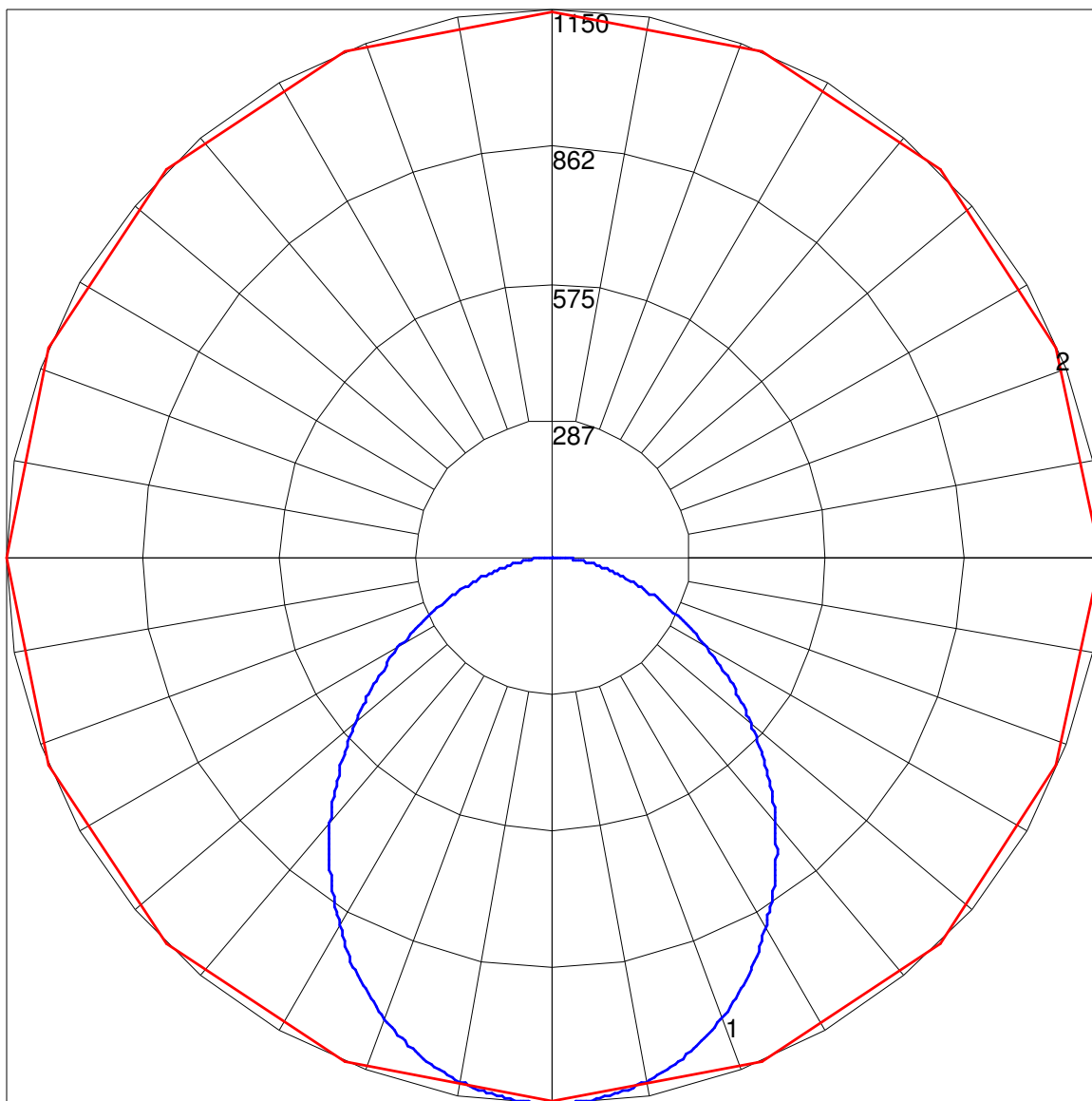
Reflectances

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	22.1	23.7	22.5	24.0	24.3	20.0	21.5	20.4	21.8	22.2
	3H	23.7	25.1	24.1	25.4	25.8	21.3	22.6	21.6	23.0	23.3
	4H	24.3	25.6	24.7	25.9	26.3	21.6	22.9	22.0	23.3	23.6
	6H	24.6	25.8	25.1	26.2	26.6	21.8	23.0	22.2	23.4	23.8
	8H	24.8	25.9	25.2	26.3	26.7	21.8	23.0	22.3	23.4	23.8
	12H	24.8	25.9	25.2	26.3	26.7	21.8	22.9	22.2	23.3	23.7
4H	2H	22.4	23.7	22.8	24.1	24.5	20.7	22.0	21.1	22.3	22.7
	3H	24.3	25.3	24.7	25.7	26.1	22.1	23.2	22.6	23.6	24.0
	4H	24.9	25.9	25.4	26.3	26.8	22.6	23.6	23.0	24.0	24.4
	6H	25.4	26.3	25.9	26.7	27.2	22.8	23.7	23.3	24.1	24.6
	8H	25.6	26.4	26.0	26.8	27.3	22.9	23.6	23.3	24.1	24.6
	12H	25.7	26.4	26.1	26.8	27.3	22.8	23.5	23.3	24.0	24.5
8H	4H	25.0	25.8	25.5	26.3	26.7	22.9	23.7	23.3	24.1	24.6
	6H	25.6	26.2	26.1	26.7	27.2	23.2	23.8	23.7	24.3	24.8
	8H	25.8	26.4	26.3	26.9	27.4	23.2	23.8	23.8	24.3	24.8
	12H	25.9	26.4	26.4	26.9	27.5	23.2	23.7	23.7	24.2	24.8
12H	4H	25.0	25.7	25.5	26.2	26.7	22.9	23.6	23.4	24.1	24.6
	6H	25.6	26.2	26.1	26.6	27.2	23.2	23.8	23.8	24.3	24.8
	8H	25.8	26.3	26.3	26.8	27.4	23.3	23.8	23.8	24.3	24.9

Maximum UGR = 27.5

POLAR GRAPH



Maximum Candela = 1149.735 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.)