

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L12-840-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-L12-840-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	2482
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	125
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	12110	10736	9504
55	10600	9162	7782
65	9019	7536	6261
75	7241	5659	4609
85	4689	2907	2224

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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	1149.809	1149.809	1149.809	1149.809	1149.809
0.5	1155.430	1147.310	1150.121	1149.184	1148.560
1.0	1155.117	1146.998	1149.809	1148.872	1148.247
1.5	1154.805	1146.374	1149.496	1148.247	1147.623
2.0	1154.181	1146.061	1148.560	1146.998	1147.310
2.5	1153.868	1145.437	1147.935	1146.374	1146.061
3.0	1152.931	1144.500	1146.998	1144.812	1144.500
3.5	1152.307	1143.563	1145.749	1143.563	1142.939
4.0	1150.746	1142.314	1144.500	1142.002	1141.065
4.5	1150.121	1141.065	1142.939	1140.128	1138.879
5.0	1148.560	1139.816	1141.065	1138.254	1137.005
5.5	1147.935	1137.942	1139.191	1135.756	1134.195
6.0	1145.125	1136.381	1137.005	1133.258	1131.697
6.5	1143.563	1134.819	1134.507	1130.447	1128.574
7.0	1141.689	1132.633	1132.321	1127.637	1125.763
7.5	1139.816	1130.447	1129.511	1124.514	1122.328
8.0	1137.630	1127.949	1127.012	1121.079	1118.581
8.5	1135.444	1125.763	1124.202	1117.332	1114.834
9.0	1132.946	1123.265	1120.767	1113.584	1111.086
9.5	1130.135	1120.142	1117.644	1109.525	1106.714
10.0	1127.949	1117.332	1113.897	1105.777	1102.655
10.5	1124.514	1114.209	1110.462	1101.718	1098.283
11.0	1121.391	1111.086	1106.402	1097.034	1093.911
11.5	1118.269	1107.651	1102.342	1092.349	1088.602
12.0	1114.834	1104.216	1098.283	1087.353	1083.606
12.5	1110.774	1100.156	1093.911	1082.357	1077.985
13.0	1107.339	1096.409	1089.227	1077.048	1072.676
13.5	1103.904	1092.349	1084.543	1071.739	1067.367
14.0	1099.532	1088.290	1079.858	1065.806	1061.122
14.5	1095.785	1083.606	1074.550	1060.185	1055.188
15.0	1091.413	1079.234	1069.241	1054.252	1048.943
15.5	1087.041	1074.550	1063.932	1048.006	1042.697
16.0	1082.357	1069.865	1058.311	1041.760	1035.827
16.5	1077.985	1065.181	1052.690	1035.203	1029.269
17.0	1072.988	1059.873	1046.757	1028.645	1022.087
17.5	1068.304	1054.564	1041.136	1021.775	1014.904
18.0	1062.995	1049.567	1034.890	1014.904	1007.722
18.5	1058.311	1043.946	1028.645	1007.722	999.915
19.0	1052.690	1038.325	1022.087	1000.227	992.108
19.5	1047.381	1032.704	1015.529	993.045	984.301
20.0	1041.760	1026.771	1008.659	985.550	976.494
20.5	1036.139	1020.838	1001.789	977.743	968.375
21.0	1030.206	1014.904	994.919	969.936	959.943
21.5	1024.585	1008.347	987.736	961.817	951.824
22.0	1018.340	1002.101	980.242	953.698	943.705
22.5	1012.094	995.543	972.747	945.579	934.961
23.0	1006.161	989.298	965.565	936.835	926.217
23.5	999.915	982.428	957.758	928.403	917.474
24.0	993.357	975.557	949.951	919.972	908.418
24.5	986.799	968.687	941.831	911.228	899.674
25.0	979.929	961.817	934.024	902.484	890.618
25.5	972.747	954.322	925.905	893.428	880.937
26.0	965.877	947.140	917.161	884.372	871.569
26.5	959.007	939.645	909.042	875.316	861.888

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CANDELA TABULATION - (Cont.)

27.0	951.512	932.151	900.298	865.948	852.520
27.5	943.705	924.344	891.867	856.579	843.151
28.0	936.523	916.849	883.123	846.899	833.159
28.5	929.028	909.042	874.692	837.530	823.478
29.0	921.533	901.235	865.948	827.850	814.110
29.5	912.789	893.116	856.892	818.169	804.117
30.0	904.358	884.684	847.836	808.489	794.436
30.5	896.551	876.565	839.092	799.120	784.443
31.0	888.432	868.446	830.036	789.440	774.450
31.5	880.625	860.014	820.980	779.447	764.457
32.0	871.881	851.583	811.611	769.766	754.777
32.5	863.762	842.839	802.555	759.773	744.471
33.0	855.330	834.408	792.875	750.092	734.791
33.5	846.899	825.664	784.131	740.100	724.173
34.0	838.780	816.920	774.450	730.419	714.493
34.5	830.348	808.489	765.082	720.738	704.812
35.0	821.916	799.432	755.401	710.745	694.819
35.5	813.173	790.376	746.033	701.377	684.514
36.0	805.053	781.633	736.665	691.384	675.146
36.5	796.310	772.577	726.984	681.704	665.153
37.0	787.254	763.520	717.928	672.023	655.784
37.5	778.510	754.464	708.559	662.030	645.792
38.0	769.766	745.096	698.879	652.349	635.799
38.5	760.710	736.352	689.510	642.669	626.118
39.0	751.342	726.984	680.142	632.988	616.437
39.5	742.598	717.928	670.462	623.307	606.757
40.0	733.542	708.559	661.093	614.251	597.388
40.5	723.861	699.503	651.413	604.571	587.395
41.0	714.805	690.135	642.044	594.890	577.090
41.5	705.749	681.079	632.676	585.210	567.410
42.0	696.068	671.711	623.307	575.217	557.417
42.5	686.075	662.030	613.939	565.848	547.736
43.0	676.707	652.662	604.571	555.543	538.056
43.5	667.651	643.606	595.202	545.862	528.999
44.0	657.658	634.237	585.834	536.806	519.631
44.5	648.290	624.869	575.529	527.438	510.263
45.0	638.609	615.813	566.161	518.382	501.207
45.5	628.928	606.132	556.480	509.326	491.838
46.0	619.560	597.076	547.424	500.270	482.782
46.5	610.192	587.708	538.368	491.526	474.038
47.0	600.511	578.339	529.312	482.470	464.982
47.5	590.831	568.347	520.568	473.726	456.239
48.0	581.462	558.666	511.824	464.982	447.183
48.5	571.782	549.610	502.768	456.239	438.439
49.0	561.476	540.241	494.024	447.495	430.007
49.5	552.420	531.498	485.593	438.751	421.576
50.0	543.052	522.442	476.849	430.319	413.144
50.5	534.308	513.386	468.105	421.888	404.713
51.0	524.940	504.642	459.361	413.144	396.281
51.5	515.884	495.586	450.930	405.025	388.162
52.0	507.140	486.530	442.186	396.593	380.043
52.5	498.084	477.786	433.755	388.474	372.236
53.0	489.028	469.042	425.323	380.355	364.429
53.5	479.972	460.298	417.204	372.236	356.310
54.0	471.228	451.554	408.460	364.429	348.503
54.5	462.172	443.123	400.341	356.310	340.696

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CANDELA TABULATION - (Cont.)

55.0	453.428	434.379	391.909	348.815	332.889
55.5	444.372	425.948	383.790	340.696	325.394
56.0	435.316	417.204	375.671	333.201	317.899
56.5	426.572	408.772	367.552	325.706	310.873
57.0	417.516	400.341	359.120	318.212	303.472
57.5	408.772	392.222	351.313	310.717	296.258
58.0	400.029	383.790	343.194	303.347	289.170
58.5	391.285	375.359	335.075	296.071	282.081
59.0	382.541	367.239	327.268	288.920	275.055
59.5	373.797	359.120	319.461	281.769	268.216
60.0	365.366	351.001	311.591	274.586	261.408
60.5	356.934	342.882	303.972	267.591	254.600
61.0	348.503	335.075	296.196	260.659	247.918
61.5	340.383	326.955	288.639	253.664	241.329
62.0	331.952	318.836	281.019	246.981	234.958
62.5	323.833	311.123	273.649	240.267	228.463
63.0	315.713	303.410	266.311	233.584	222.092
63.5	307.750	295.696	258.972	226.839	215.659
64.0	300.006	288.046	251.821	220.344	209.476
64.5	292.011	280.395	244.608	213.879	203.324
65.0	284.267	272.900	237.519	207.415	197.329
65.5	276.585	265.312	230.368	201.076	191.208
66.0	268.934	257.786	223.466	194.893	185.212
66.5	261.346	250.354	216.534	188.616	179.154
67.0	253.664	242.984	209.695	182.402	173.346
67.5	245.982	235.614	202.950	176.406	167.537
68.0	238.612	228.369	196.142	170.379	161.666
68.5	231.086	221.187	189.490	164.446	156.014
69.0	223.622	214.004	182.901	158.544	150.393
69.5	216.378	206.853	176.468	152.704	144.928
70.0	209.039	199.733	169.911	146.989	139.401
70.5	201.794	192.738	163.478	141.306	134.061
71.0	194.549	185.806	157.232	135.779	128.659
71.5	187.461	178.811	150.987	130.283	123.444
72.0	180.403	172.003	144.803	124.818	118.229
72.5	173.377	165.258	138.652	119.478	113.170
73.0	166.538	158.606	132.625	114.106	108.204
73.5	159.699	151.861	126.691	108.985	103.239
74.0	152.985	145.241	120.820	103.833	98.305
74.5	146.334	138.745	115.012	98.836	93.621
75.0	139.776	132.344	109.235	93.808	88.968
75.5	133.343	126.067	103.645	89.031	84.346
76.0	127.066	119.852	98.180	84.253	79.881
76.5	120.758	113.638	92.715	79.662	75.509
77.0	114.794	107.580	87.469	75.072	71.168
77.5	108.735	101.615	82.254	70.637	66.921
78.0	102.708	95.745	77.102	66.297	62.893
78.5	96.744	89.936	72.168	62.081	58.802
79.0	91.060	84.346	67.327	57.928	54.867
79.5	85.471	78.663	62.612	53.774	51.026
80.0	79.912	73.229	57.928	49.871	47.310
80.5	74.385	67.827	53.368	45.999	43.625
81.0	69.045	62.581	48.996	42.314	40.128
81.5	63.767	57.490	44.718	38.660	36.661
82.0	58.677	52.338	40.659	35.100	33.226
82.5	53.712	47.466	36.661	31.634	29.947

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CANDELA TABULATION - (Cont.)

83.0	48.809	42.657	32.789	28.261	26.606
83.5	43.969	38.067	29.136	24.951	23.421
84.0	39.347	33.570	25.576	21.703	20.329
84.5	34.788	29.323	22.172	18.612	17.363
85.0	30.478	25.232	18.893	15.708	14.458
85.5	26.294	21.297	15.770	12.741	11.336
86.0	22.359	17.550	12.960	9.681	7.901
86.5	18.456	14.177	10.243	6.121	4.872
87.0	14.864	10.992	7.307	3.872	3.466
87.5	11.523	8.182	4.216	2.967	2.717
88.0	8.432	5.590	2.654	2.280	2.123
88.5	5.808	3.123	1.967	1.655	1.468
89.0	3.654	1.561	1.312	1.062	0.937
89.5	1.811	0.843	0.718	0.531	0.468
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-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 : LRX4X-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 : LRX4X-2-L12-840-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	408.42	N.A.	16.50
0-30	837.19	N.A.	33.70
0-40	1309.51	N.A.	52.80
0-60	2098.55	N.A.	84.50
0-80	2456.59	N.A.	99.00
0-90	2482.3	N.A.	100.00
10-90	2374.32	N.A.	95.60
20-40	901.09	N.A.	36.30
20-50	1339.09	N.A.	53.90
40-70	1026.96	N.A.	41.40
60-80	358.05	N.A.	14.40
70-80	120.13	N.A.	4.80
80-90	25.71	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	2482.3	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	107.98
10-20	300.44
20-30	428.77
30-40	472.32
40-50	438.00
50-60	351.04
60-70	237.92
70-80	120.13
80-90	25.71
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-L12-840-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	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

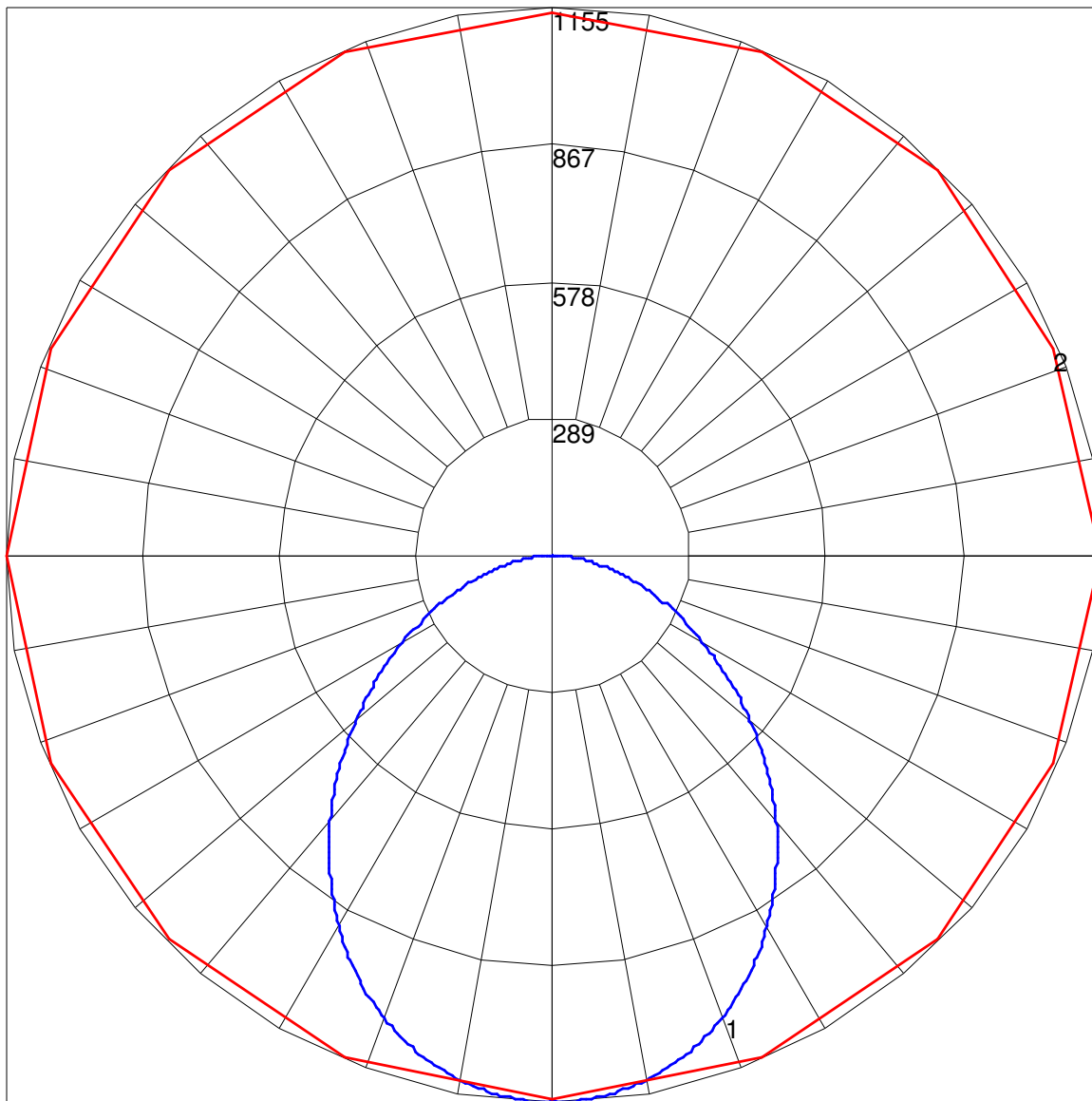
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-2-L12-840-DMA-DIM-UNV_.IES

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	20.1	21.7	20.5	22.0	22.3	18.4	19.9	18.8	20.3	20.6
	3H	21.7	23.1	22.1	23.4	23.8	19.7	21.1	20.1	21.5	21.8
	4H	22.3	23.6	22.7	23.9	24.3	20.2	21.5	20.6	21.8	22.2
	6H	22.7	23.9	23.1	24.2	24.6	20.4	21.6	20.8	22.0	22.4
	8H	22.7	23.9	23.2	24.3	24.7	20.5	21.6	20.9	22.0	22.4
	12H	22.8	23.9	23.2	24.3	24.7	20.5	21.6	20.9	22.0	22.4
4H	2H	20.5	21.8	20.9	22.2	22.5	19.1	20.4	19.5	20.7	21.1
	3H	22.3	23.4	22.7	23.8	24.2	20.6	21.7	21.0	22.1	22.5
	4H	23.0	24.0	23.4	24.4	24.8	21.1	22.1	21.6	22.5	23.0
	6H	23.5	24.3	23.9	24.8	25.2	21.5	22.3	21.9	22.8	23.2
	8H	23.6	24.4	24.1	24.9	25.3	21.6	22.4	22.0	22.8	23.3
	12H	23.7	24.4	24.2	24.9	25.4	21.6	22.3	22.1	22.8	23.3
8H	4H	23.1	23.9	23.6	24.4	24.8	21.4	22.2	21.9	22.7	23.1
	6H	23.7	24.4	24.2	24.8	25.3	21.9	22.5	22.4	23.0	23.5
	8H	23.9	24.5	24.4	25.0	25.5	22.0	22.6	22.5	23.1	23.6
	12H	24.0	24.6	24.6	25.1	25.6	22.1	22.6	22.6	23.1	23.6
12H	4H	23.1	23.8	23.6	24.3	24.8	21.5	22.2	22.0	22.7	23.1
	6H	23.7	24.3	24.2	24.8	25.3	21.9	22.5	22.4	23.0	23.5
	8H	23.9	24.5	24.4	24.9	25.5	22.1	22.6	22.6	23.1	23.6

Maximum UGR = 25.6

POLAR GRAPH



Maximum Candela = 1155.43 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.)