



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-6-L4-840-DMA-DIM-UNV\_.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] GEN FROM 14853501.01  
[TESTLAB] UL Verification Services Inc.  
[ISSUEDATE] 2023-07-25  
[TESTDATE] 6/19/2023  
[MANUFAC] H.E. WILLIAMS, INC. - CARTHAGE, MO.  
[LUMCAT] LRX2-6-L4-840-DMA-DIM-UNV  
[LUMINAIRE] 2 INCH WIDE, LINEAR RECESSED LED LUMINAIRE  
[MORE] W/DIFFUSED MATTE ACRYLIC LENS  
[LAMP] LED  
[BALLAST] 0-10V DIMMING DRIVER  
[ \_SEARCH\_SOURCETYPE] LED  
[ \_SEARCH\_APPLICATION] INDOOR, CLASSROOM, COMMERCIAL, OFFICE  
[ \_SEARCH\_MOUNTING] RECESSED

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2503
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	116
Total Luminaire Watts	21.6
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.06
Spacing Criterion (Diagonal)	1.22
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	6.00 ft
Luminous Width (90-270)	0.17 ft
Luminous Height	0.00 ft

### LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	9744	8405	7667
55	8686	7386	6762
65	7657	6511	5994
75	6316	5543	5166
85	4765	4445	4283

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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	1108.914	1108.914	1108.914	1108.914	1108.914
0.5	1128.465	1109.824	1103.458	1106.186	1100.730
1.0	1128.465	1109.369	1103.458	1106.186	1100.276
1.5	1128.010	1109.369	1103.004	1105.732	1099.821
2.0	1127.555	1108.460	1102.094	1105.277	1098.457
2.5	1127.101	1107.550	1101.640	1103.913	1097.548
3.0	1126.191	1106.641	1100.276	1103.004	1095.729
3.5	1125.282	1105.732	1098.912	1101.185	1093.911
4.0	1124.373	1104.822	1097.548	1099.821	1092.547
4.5	1123.463	1103.458	1096.184	1098.002	1090.273
5.0	1122.554	1102.094	1093.911	1095.729	1088.000
5.5	1120.735	1100.276	1092.092	1093.001	1084.817
6.0	1119.371	1098.457	1089.819	1090.728	1082.089
6.5	1118.007	1097.093	1087.545	1087.545	1078.907
7.0	1116.189	1094.820	1085.272	1084.363	1075.724
7.5	1114.370	1093.001	1082.544	1081.180	1072.087
8.0	1112.552	1090.273	1079.816	1077.543	1068.904
8.5	1110.278	1088.000	1076.633	1073.906	1064.812
9.0	1108.005	1085.727	1073.451	1069.814	1060.720
9.5	1105.732	1082.999	1069.814	1065.267	1056.174
10.0	1103.458	1080.271	1066.176	1061.175	1052.082
10.5	1100.730	1077.543	1062.539	1056.628	1046.626
11.0	1098.002	1074.360	1058.447	1052.082	1041.625
11.5	1094.820	1071.178	1054.355	1047.081	1036.623
12.0	1091.637	1067.540	1049.809	1042.079	1031.168
12.5	1088.909	1063.903	1045.262	1036.623	1025.257
13.0	1085.272	1060.266	1040.715	1031.168	1019.801
13.5	1081.635	1056.174	1035.714	1025.257	1013.890
14.0	1078.452	1052.082	1031.168	1019.801	1007.980
14.5	1074.360	1047.990	1025.712	1013.890	1001.615
15.0	1070.723	1043.898	1020.710	1007.525	995.704
15.5	1066.631	1039.351	1014.800	1001.160	988.884
16.0	1063.448	1035.259	1009.344	994.795	982.064
16.5	1060.266	1030.713	1003.433	987.975	975.244
17.0	1056.174	1026.166	997.523	981.155	968.425
17.5	1050.263	1021.620	991.612	974.335	961.150
18.0	1044.807	1017.528	985.702	967.061	953.421
18.5	1039.351	1012.072	979.336	959.786	945.692
19.0	1034.805	1006.161	972.971	952.057	937.962
19.5	1029.804	1000.251	966.606	944.328	929.778
20.0	1024.802	994.340	959.786	937.053	921.140
20.5	1019.346	988.430	953.421	929.324	912.956
21.0	1013.890	982.974	946.601	921.140	904.318
21.5	1008.435	977.063	939.781	913.411	896.134
22.0	1002.524	970.698	932.506	905.227	887.495
22.5	997.068	964.787	925.687	896.588	879.311
23.0	990.703	958.422	919.321	888.404	871.127
23.5	984.792	951.602	912.047	880.221	862.489
24.0	978.427	945.237	903.863	872.037	854.305
24.5	972.062	938.417	896.134	863.853	845.666
25.0	965.697	932.052	887.950	855.214	837.028
25.5	959.331	924.777	880.221	847.030	828.389
26.0	952.511	917.957	872.037	838.392	820.206
26.5	946.146	910.683	864.308	830.208	812.022

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**CANDELA TABULATION - (Cont.)**

27.0	938.872	903.863	856.124	822.024	803.383
27.5	932.052	896.134	848.394	813.840	794.290
28.0	925.232	888.859	840.211	805.656	786.106
28.5	918.412	881.585	832.027	797.018	777.922
29.0	911.137	873.855	824.297	788.379	769.738
29.5	903.408	866.126	816.114	779.741	761.554
30.0	896.134	858.397	807.930	771.557	752.916
30.5	888.404	851.122	800.201	763.373	744.277
31.0	880.675	843.393	792.017	754.735	735.639
31.5	872.491	835.209	783.378	746.096	727.455
32.0	864.762	827.480	775.194	737.458	718.817
32.5	856.578	819.296	767.010	728.819	710.178
33.0	848.849	811.112	758.372	720.180	701.539
33.5	840.665	802.929	750.188	711.997	692.901
34.0	832.481	794.745	742.004	703.358	684.262
34.5	824.752	786.106	732.911	694.720	675.624
35.0	816.568	777.922	724.727	685.626	666.985
35.5	808.384	769.284	716.089	676.988	658.801
36.0	799.746	761.100	707.905	668.804	650.163
36.5	791.562	752.461	699.266	660.165	641.979
37.0	783.378	743.823	690.628	651.072	633.341
37.5	774.740	735.184	681.989	642.888	625.611
38.0	766.556	726.546	673.351	634.250	616.973
38.5	757.917	717.907	665.167	626.066	608.789
39.0	749.279	709.269	656.074	617.427	600.605
39.5	740.640	700.630	647.435	609.244	592.421
40.0	731.547	691.992	638.796	600.605	584.237
40.5	722.454	683.353	630.158	592.876	576.508
41.0	713.815	674.715	621.519	584.692	567.870
41.5	704.722	665.621	612.881	576.508	559.686
42.0	695.629	656.983	604.697	567.870	551.957
42.5	686.990	647.890	596.058	559.686	543.773
43.0	677.897	639.251	587.875	551.957	536.043
43.5	668.804	630.158	578.781	544.227	528.314
44.0	659.711	621.519	570.598	536.043	520.585
44.5	650.618	612.881	561.959	527.860	512.856
45.0	641.979	603.788	553.775	520.130	505.127
45.5	632.886	595.149	545.591	512.401	497.397
46.0	623.793	586.511	537.407	504.672	490.123
46.5	615.154	577.417	528.769	496.943	482.394
47.0	606.061	568.779	520.585	489.214	475.119
47.5	597.422	560.140	512.856	481.030	467.845
48.0	588.329	551.502	504.672	473.755	460.115
48.5	579.236	542.863	496.943	466.026	453.114
49.0	570.598	533.770	488.304	458.751	445.794
49.5	561.504	525.132	480.575	450.977	438.474
50.0	552.866	516.948	472.391	443.384	431.154
50.5	543.773	508.309	464.662	436.200	424.197
51.0	535.134	499.671	456.478	429.153	417.286
51.5	526.041	491.032	448.794	421.969	409.739
52.0	517.402	482.848	440.792	414.558	402.646
52.5	508.309	474.210	432.881	407.147	395.826
53.0	499.671	466.026	425.061	399.827	388.552
53.5	490.577	457.842	417.605	392.962	381.959
54.0	481.939	449.249	410.057	386.188	375.003
54.5	473.300	440.838	402.374	379.231	368.183

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**CANDELA TABULATION - (Cont.)**

55.0	464.207	432.608	394.735	372.048	361.363
55.5	455.569	424.470	387.324	364.773	354.407
56.0	446.885	416.377	380.095	357.771	347.814
56.5	438.383	408.375	372.730	351.179	341.267
57.0	429.835	400.282	365.455	344.677	334.993
57.5	421.469	392.371	358.408	337.812	328.491
58.0	413.149	384.596	351.224	330.810	321.808
58.5	405.102	376.822	343.904	323.945	315.306
59.0	396.872	369.274	336.630	317.307	309.214
59.5	388.779	361.727	329.537	310.805	302.940
60.0	380.641	354.271	322.717	304.485	296.483
60.5	372.730	346.814	315.988	298.120	290.164
61.0	364.864	339.312	309.168	291.619	284.071
61.5	356.953	331.810	302.076	285.071	277.797
62.0	349.042	324.536	295.165	278.615	271.523
62.5	341.176	317.352	288.618	272.386	265.430
63.0	333.265	310.032	282.343	266.294	259.474
63.5	325.309	302.758	276.069	260.565	253.518
64.0	317.398	295.438	269.613	254.837	247.562
64.5	309.487	288.163	262.930	248.653	241.742
65.0	301.530	280.980	256.382	242.197	236.014
65.5	293.619	273.750	250.199	236.377	230.376
66.0	285.753	266.521	244.152	231.149	224.965
66.5	277.842	259.338	238.014	225.784	219.464
67.0	269.977	252.245	231.603	219.964	213.826
67.5	262.157	245.198	225.147	213.690	208.098
68.0	254.336	238.060	218.691	207.234	202.233
68.5	246.607	230.967	212.280	201.232	196.413
69.0	238.969	223.874	206.188	195.640	190.775
69.5	231.331	216.963	200.187	190.093	185.092
70.0	223.738	210.053	193.821	184.001	179.090
70.5	216.281	203.096	187.320	177.454	173.134
71.0	208.780	196.140	180.909	171.179	167.269
71.5	201.414	189.275	174.635	165.541	161.586
72.0	194.094	182.637	168.633	160.313	156.085
72.5	186.865	176.090	162.859	154.902	150.811
73.0	179.772	169.588	156.994	149.128	145.446
73.5	172.725	163.041	150.947	143.354	139.899
74.0	165.814	156.585	144.900	137.807	134.625
74.5	158.994	150.265	139.171	132.579	129.669
75.0	152.311	144.127	133.670	127.441	124.577
75.5	145.718	138.035	128.259	122.258	119.348
76.0	139.217	131.988	122.713	117.120	114.392
76.5	132.806	125.895	117.211	111.846	109.527
77.0	126.441	119.939	111.664	106.663	104.481
77.5	120.212	114.074	106.390	101.571	99.343
78.0	113.983	108.254	101.253	96.615	94.478
78.5	107.845	102.526	96.115	91.705	89.841
79.0	101.889	96.933	90.977	86.885	85.249
79.5	95.979	91.432	85.931	82.157	80.702
80.0	90.204	86.022	81.020	77.428	76.110
80.5	84.476	80.702	76.155	72.746	71.427
81.0	78.929	75.473	71.245	68.153	66.835
81.5	73.518	70.381	66.517	63.698	62.470
82.0	68.199	65.471	62.016	59.424	58.287
82.5	63.016	60.652	57.560	55.287	54.241

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**CANDELA TABULATION - (Cont.)**

83.0	57.924	55.878	53.195	51.104	50.285
83.5	52.922	51.149	48.785	46.966	46.330
84.0	48.057	46.603	44.375	42.874	42.283
84.5	43.329	42.147	40.101	38.873	38.373
85.0	38.692	37.782	36.100	35.009	34.781
85.5	34.145	33.463	32.190	31.371	31.417
86.0	29.735	29.189	28.371	28.007	28.007
86.5	25.461	25.097	24.552	24.461	24.552
87.0	21.278	21.142	20.823	20.823	20.960
87.5	17.277	17.141	17.186	17.413	17.504
88.0	13.412	13.503	13.913	14.231	14.367
88.5	9.821	10.139	10.912	11.003	11.094
89.0	6.638	7.138	7.593	6.865	6.820
89.5	4.592	4.728	3.546	3.364	3.728
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 : LRX2-6-L4-840-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 : LRX2-6-L4-840-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 : LRX2-6-L4-840-DMA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	392.64	N.A.	15.70
0-30	803.85	N.A.	32.10
0-40	1261.65	N.A.	50.40
0-60	2057.1	N.A.	82.20
0-80	2461.54	N.A.	98.30
0-90	2502.97	N.A.	100.00
10-90	2398.94	N.A.	95.80
20-40	869.01	N.A.	34.70
20-50	1303.44	N.A.	52.10
40-70	1055.35	N.A.	42.20
60-80	404.45	N.A.	16.20
70-80	144.54	N.A.	5.80
80-90	41.43	N.A.	1.70
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	2502.97	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	104.03
10-20	288.61
20-30	411.21
30-40	457.81
40-50	434.43
50-60	361.02
60-70	259.90
70-80	144.54
80-90	41.43
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 : LRX2-6-L4-840-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	109	105	101	97	107	103	99	96	98	95	93	94	92	90	91	89	87	85
2	100	92	86	80	97	90	84	79	87	82	77	84	79	76	81	77	74	72
3	92	82	74	68	89	80	73	67	77	71	66	74	69	65	72	67	64	61
4	84	73	64	58	82	72	64	58	69	62	57	67	61	56	65	60	55	53
5	78	65	57	50	76	64	56	50	62	55	50	60	54	49	59	53	49	47
6	72	59	51	44	70	58	50	44	57	49	44	55	48	44	53	48	43	41
7	67	54	46	40	65	53	45	39	52	44	39	50	44	39	49	43	39	37
8	63	50	41	36	61	49	41	36	48	40	35	46	40	35	45	39	35	33
9	59	46	38	32	57	45	37	32	44	37	32	43	36	32	42	36	32	30
10	55	42	35	29	54	42	34	29	41	34	29	40	34	29	39	33	29	27

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LRX2-6-L4-840-DMA-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

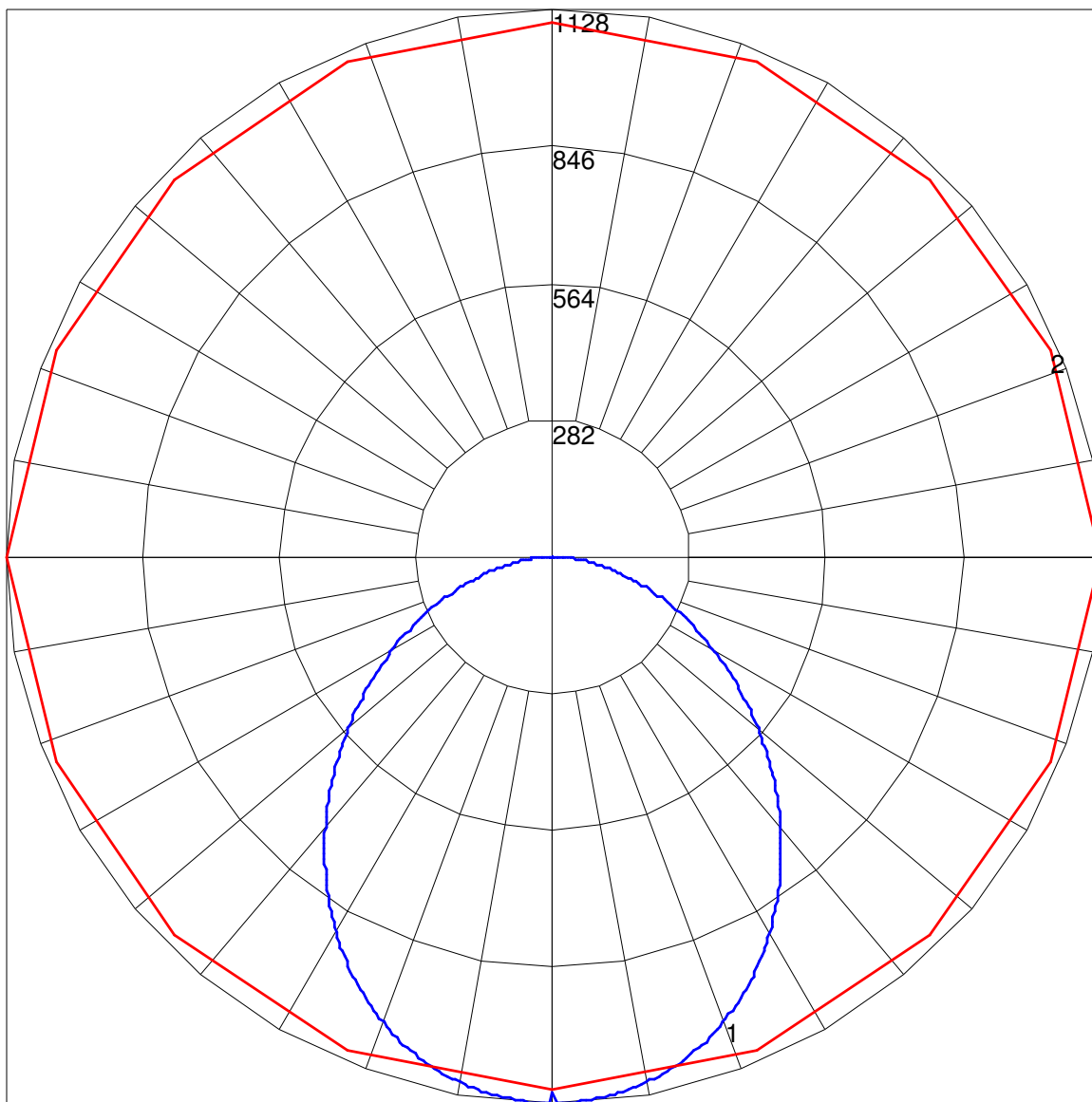
Reflectances

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	19.3	20.9	19.7	21.2	21.5	18.2	19.7	18.5	20.0	20.3
	3H	21.0	22.5	21.4	22.8	23.1	19.8	21.2	20.2	21.6	21.9
	4H	21.6	23.0	22.0	23.3	23.7	20.4	21.8	20.8	22.1	22.5
	6H	22.1	23.3	22.5	23.7	24.1	20.9	22.1	21.3	22.5	22.9
	8H	22.2	23.4	22.7	23.8	24.2	21.0	22.2	21.5	22.6	23.0
	12H	22.3	23.5	22.8	23.8	24.3	21.1	22.3	21.6	22.7	23.1
4H	2H	19.8	21.1	20.2	21.4	21.8	18.8	20.1	19.2	20.5	20.9
	3H	21.7	22.8	22.1	23.2	23.6	20.7	21.8	21.1	22.2	22.6
	4H	22.5	23.5	22.9	23.9	24.3	21.4	22.4	21.9	22.9	23.3
	6H	23.0	23.9	23.5	24.4	24.8	22.0	22.9	22.5	23.3	23.8
	8H	23.2	24.0	23.7	24.5	25.0	22.2	23.0	22.7	23.5	23.9
	12H	23.4	24.1	23.9	24.6	25.1	22.4	23.1	22.9	23.6	24.0
8H	4H	22.7	23.5	23.1	23.9	24.4	21.8	22.6	22.2	23.0	23.5
	6H	23.4	24.0	23.9	24.5	25.0	22.5	23.1	23.0	23.6	24.1
	8H	23.6	24.2	24.1	24.7	25.2	22.7	23.3	23.2	23.9	24.3
	12H	23.9	24.4	24.4	24.9	25.4	23.0	23.5	23.5	24.0	24.6
12H	4H	22.7	23.4	23.2	23.9	24.4	21.8	22.5	22.3	23.0	23.5
	6H	23.4	24.0	23.9	24.5	25.0	22.5	23.2	23.1	23.6	24.2
	8H	23.7	24.3	24.2	24.8	25.3	22.9	23.4	23.4	23.9	24.5

Maximum UGR = 25.4

POLAR GRAPH



Maximum Candela = 1128.465 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.)