



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-6-L4-850-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-L4-850-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	2576
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	119
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	10028	8650	7890
55	8939	7601	6959
65	7880	6700	6168
75	6500	5704	5316
85	4903	4575	4408

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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	1141.213	1141.213	1141.213	1141.213	1141.213
0.5	1161.332	1142.149	1135.598	1138.405	1132.790
1.0	1161.332	1141.681	1135.598	1138.405	1132.323
1.5	1160.865	1141.681	1135.130	1137.937	1131.855
2.0	1160.397	1140.745	1134.194	1137.469	1130.451
2.5	1159.929	1139.809	1133.726	1136.066	1129.515
3.0	1158.993	1138.873	1132.323	1135.130	1127.644
3.5	1158.057	1137.937	1130.919	1133.258	1125.772
4.0	1157.121	1137.002	1129.515	1131.855	1124.368
4.5	1156.186	1135.598	1128.111	1129.983	1122.029
5.0	1155.250	1134.194	1125.772	1127.644	1119.689
5.5	1153.378	1132.323	1123.900	1124.836	1116.414
6.0	1151.974	1130.451	1121.561	1122.497	1113.606
6.5	1150.571	1129.047	1119.221	1119.221	1110.331
7.0	1148.699	1126.708	1116.882	1115.946	1107.056
7.5	1146.828	1124.836	1114.074	1112.671	1103.313
8.0	1144.956	1122.029	1111.267	1108.927	1100.037
8.5	1142.616	1119.689	1107.992	1105.184	1095.826
9.0	1140.277	1117.350	1104.716	1100.973	1091.615
9.5	1137.937	1114.542	1100.973	1096.294	1086.936
10.0	1135.598	1111.735	1097.230	1092.083	1082.725
10.5	1132.790	1108.927	1093.487	1087.404	1077.110
11.0	1129.983	1105.652	1089.276	1082.725	1071.963
11.5	1126.708	1102.377	1085.064	1077.578	1066.816
12.0	1123.432	1098.634	1080.385	1072.431	1061.201
12.5	1120.625	1094.890	1075.706	1066.816	1055.119
13.0	1116.882	1091.147	1071.027	1061.201	1049.504
13.5	1113.139	1086.936	1065.880	1055.119	1043.421
14.0	1109.863	1082.725	1061.201	1049.504	1037.338
14.5	1105.652	1078.514	1055.587	1043.421	1030.788
15.0	1101.909	1074.303	1050.440	1036.871	1024.705
15.5	1097.698	1069.624	1044.357	1030.320	1017.687
16.0	1094.423	1065.413	1038.742	1023.769	1010.668
16.5	1091.147	1060.734	1032.659	1016.751	1003.650
17.0	1086.936	1056.055	1026.577	1009.732	996.631
17.5	1080.853	1051.376	1020.494	1002.714	989.145
18.0	1075.239	1047.164	1014.411	995.227	981.190
18.5	1069.624	1041.550	1007.861	987.741	973.236
19.0	1064.945	1035.467	1001.310	979.787	965.282
19.5	1059.798	1029.384	994.759	971.832	956.859
20.0	1054.651	1023.301	987.741	964.346	947.969
20.5	1049.036	1017.219	981.190	956.391	939.547
21.0	1043.421	1011.604	974.172	947.969	930.657
21.5	1037.806	1005.521	967.153	940.015	922.235
22.0	1031.724	998.971	959.667	931.593	913.344
22.5	1026.109	992.888	952.648	922.703	904.922
23.0	1019.558	986.337	946.098	914.280	896.500
23.5	1013.475	979.319	938.611	905.858	887.610
24.0	1006.925	972.768	930.189	897.436	879.188
24.5	1000.374	965.749	922.235	889.014	870.298
25.0	993.824	959.199	913.812	880.123	861.407
25.5	987.273	951.712	905.858	871.701	852.517
26.0	980.254	944.694	897.436	862.811	844.095
26.5	973.704	937.207	889.481	854.389	835.673

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**CANDELA TABULATION - (Cont.)**

27.0	966.217	930.189	881.059	845.967	826.783
27.5	959.199	922.235	873.105	837.544	817.425
28.0	952.180	914.748	864.683	829.122	809.002
28.5	945.162	907.262	856.260	820.232	800.580
29.0	937.675	899.307	848.306	811.342	792.158
29.5	929.721	891.353	839.884	802.452	783.736
30.0	922.235	883.399	831.462	794.029	774.846
30.5	914.280	875.912	823.507	785.607	765.955
31.0	906.326	867.958	815.085	776.717	757.065
31.5	897.904	859.536	806.195	767.827	748.643
32.0	889.949	851.581	797.773	758.937	739.753
32.5	881.527	843.159	789.350	750.047	730.863
33.0	873.573	834.737	780.460	741.157	721.973
33.5	865.151	826.315	772.038	732.734	713.082
34.0	856.728	817.892	763.616	723.844	704.192
34.5	848.774	809.002	754.258	714.954	695.302
35.0	840.352	800.580	745.836	705.596	686.412
35.5	831.930	791.690	736.945	696.706	677.990
36.0	823.039	783.268	728.523	688.284	669.100
36.5	814.617	774.378	719.633	679.394	660.677
37.0	806.195	765.487	710.743	670.036	651.787
37.5	797.305	756.597	701.853	661.613	643.833
38.0	788.883	747.707	692.963	652.723	634.943
38.5	779.992	738.817	684.540	644.301	626.521
39.0	771.102	729.927	675.182	635.411	618.098
39.5	762.212	721.037	666.292	626.989	609.676
40.0	752.854	712.147	657.402	618.098	601.254
40.5	743.496	703.257	648.512	610.144	593.300
41.0	734.606	694.366	639.622	601.722	584.409
41.5	725.248	685.008	630.732	593.300	575.987
42.0	715.890	676.118	622.310	584.409	568.033
42.5	707.000	666.760	613.419	575.987	559.611
43.0	697.642	657.870	604.997	568.033	551.656
43.5	688.284	648.512	595.639	560.079	543.702
44.0	678.926	639.622	587.217	551.656	535.748
44.5	669.568	630.732	578.327	543.234	527.793
45.0	660.677	621.374	569.904	535.280	519.839
45.5	651.319	612.484	561.482	527.325	511.885
46.0	641.961	603.593	553.060	519.371	504.398
46.5	633.071	594.235	544.170	511.417	496.444
47.0	623.713	585.345	535.748	503.462	488.957
47.5	614.823	576.455	527.793	495.040	481.471
48.0	605.465	567.565	519.371	487.554	473.517
48.5	596.107	558.675	511.417	479.599	466.311
49.0	587.217	549.317	502.527	472.113	458.778
49.5	577.859	540.427	494.572	464.112	451.245
50.0	568.969	532.004	486.150	456.298	443.711
50.5	559.611	523.114	478.196	448.905	436.552
51.0	550.721	514.224	469.773	441.653	429.440
51.5	541.362	505.334	461.866	434.260	421.673
52.0	532.472	496.912	453.631	426.633	414.374
52.5	523.114	488.022	445.489	419.006	407.355
53.0	514.224	479.599	437.441	411.473	399.869
53.5	504.866	471.177	429.768	404.408	393.084
54.0	495.976	462.334	422.001	397.436	385.925
54.5	487.086	453.678	414.093	390.277	378.907

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**CANDELA TABULATION - (Cont.)**

55.0	477.728	445.209	406.232	382.884	371.888
55.5	468.838	436.833	398.606	375.398	364.730
56.0	459.901	428.505	391.166	368.192	357.945
56.5	451.151	420.269	383.586	361.407	351.207
57.0	442.354	411.941	376.100	354.716	344.750
57.5	433.745	403.799	368.847	347.651	338.059
58.0	425.182	395.798	361.454	340.445	331.181
58.5	416.901	387.797	353.921	333.380	324.490
59.0	408.432	380.030	346.435	326.549	318.220
59.5	400.103	372.263	339.135	319.858	311.763
60.0	391.727	364.589	332.117	313.354	305.119
60.5	383.586	356.916	325.192	306.803	298.615
61.0	375.491	349.195	318.173	300.112	292.345
61.5	367.350	341.475	310.874	293.374	285.888
62.0	359.208	333.988	303.762	286.730	279.431
62.5	351.114	326.596	297.024	280.320	273.161
63.0	342.972	319.062	290.567	274.050	267.032
63.5	334.784	311.576	284.110	268.155	260.902
64.0	326.642	304.043	277.466	262.259	254.773
64.5	318.501	296.556	270.588	255.896	248.783
65.0	310.313	289.163	263.850	249.251	242.888
65.5	302.171	281.724	257.486	243.262	237.086
66.0	294.076	274.284	251.263	237.881	231.518
66.5	285.935	266.891	244.947	232.360	225.856
67.0	277.840	259.592	238.349	226.371	220.054
67.5	269.792	252.339	231.705	219.914	214.159
68.0	261.744	244.993	225.061	213.270	208.123
68.5	253.790	237.694	218.463	207.093	202.134
69.0	245.929	230.395	212.194	201.338	196.332
69.5	238.068	223.283	206.017	195.630	190.483
70.0	230.255	216.171	199.467	189.360	184.307
70.5	222.581	209.012	192.776	182.622	178.177
71.0	214.861	201.853	186.178	176.165	172.141
71.5	207.281	194.788	179.721	170.363	166.292
72.0	199.747	187.956	173.545	164.982	160.631
72.5	192.308	181.218	167.602	159.414	155.203
73.0	185.008	174.527	161.567	153.472	149.682
73.5	177.756	167.790	155.343	147.529	143.973
74.0	170.644	161.145	149.120	141.821	138.546
74.5	163.625	154.642	143.225	136.440	133.446
75.0	156.747	148.325	137.563	131.153	128.205
75.5	149.963	142.055	131.995	125.819	122.824
76.0	143.272	135.832	126.287	120.532	117.724
76.5	136.674	129.562	120.625	115.104	112.718
77.0	130.124	123.433	114.917	109.770	107.524
77.5	123.713	117.397	109.489	104.529	102.237
78.0	117.303	111.407	104.202	99.429	97.230
78.5	110.986	105.512	98.914	94.376	92.457
79.0	104.857	99.757	93.627	89.416	87.732
79.5	98.774	94.095	88.433	84.550	83.053
80.0	92.832	88.527	83.380	79.684	78.327
80.5	86.936	83.053	78.374	74.864	73.507
81.0	81.228	77.672	73.320	70.138	68.782
81.5	75.660	72.431	68.454	65.553	64.290
82.0	70.185	67.378	63.822	61.155	59.985
82.5	64.851	62.418	59.236	56.897	55.821

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CANDELA TABULATION - (Cont.)

83.0	59.611	57.505	54.745	52.592	51.750
83.5	54.464	52.639	50.206	48.334	47.679
84.0	49.457	47.960	45.667	44.123	43.515
84.5	44.591	43.375	41.269	40.006	39.491
85.0	39.818	38.883	37.151	36.028	35.794
85.5	35.139	34.438	33.127	32.285	32.332
86.0	30.601	30.039	29.197	28.823	28.823
86.5	26.203	25.828	25.267	25.173	25.267
87.0	21.898	21.757	21.430	21.430	21.570
87.5	17.780	17.640	17.687	17.921	18.014
88.0	13.803	13.897	14.318	14.645	14.786
88.5	10.107	10.434	11.230	11.323	11.417
89.0	6.831	7.346	7.814	7.065	7.019
89.5	4.726	4.866	3.650	3.462	3.837
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-L4-850-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-L4-850-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-L4-850-DMA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	404.08	N.A.	15.70
0-30	827.26	N.A.	32.10
0-40	1298.4	N.A.	50.40
0-60	2117.01	N.A.	82.20
0-80	2533.24	N.A.	98.30
0-90	2575.87	N.A.	100.00
10-90	2468.81	N.A.	95.80
20-40	894.32	N.A.	34.70
20-50	1341.41	N.A.	52.10
40-70	1086.08	N.A.	42.20
60-80	416.23	N.A.	16.20
70-80	148.75	N.A.	5.80
80-90	42.63	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	2575.87	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	107.06
10-20	297.01
20-30	423.18
30-40	471.14
40-50	447.08
50-60	371.53
60-70	267.47
70-80	148.75
80-90	42.63
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-L4-850-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-L4-850-DMA-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

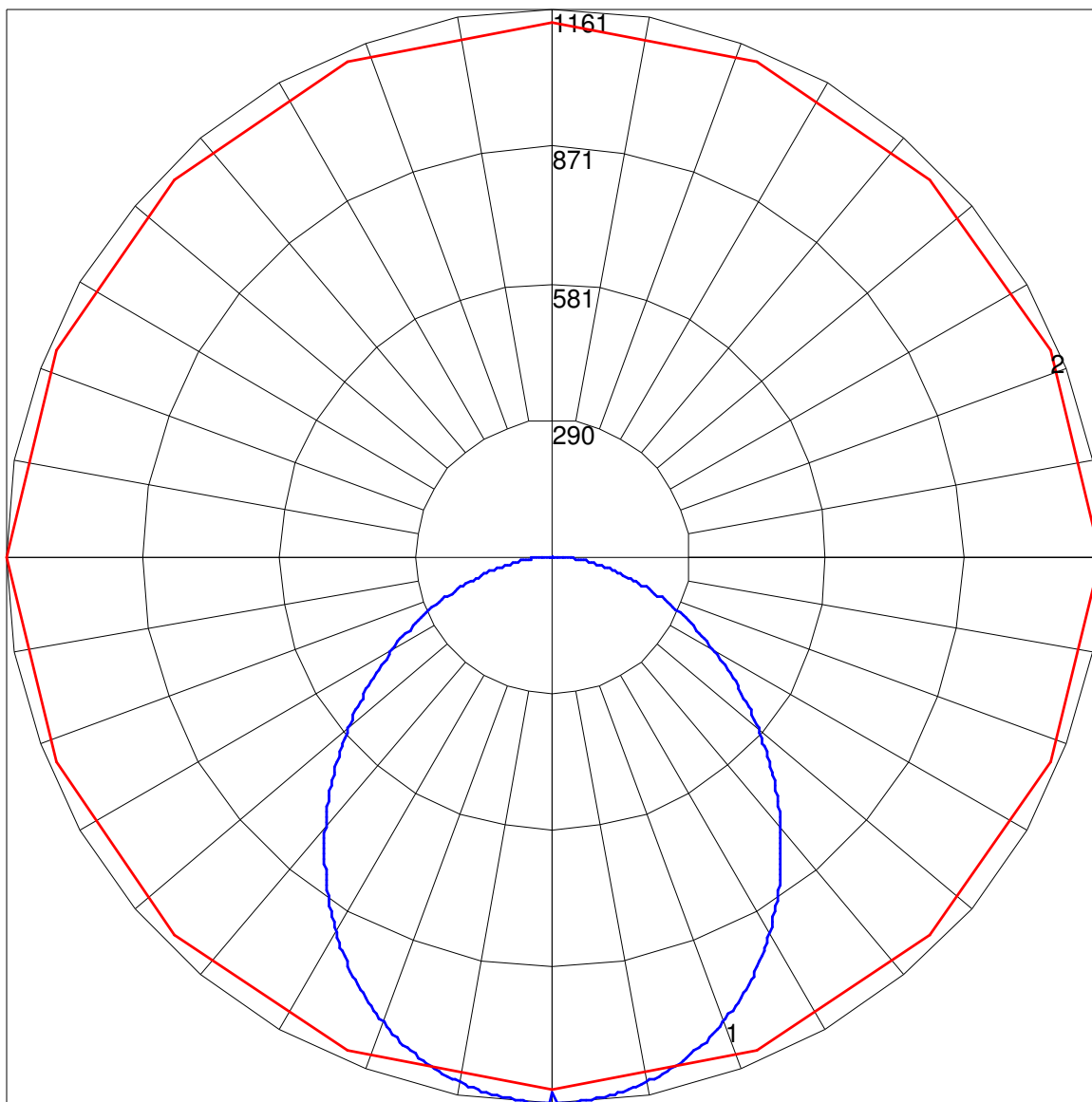
Reflectances

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	19.4	21.0	19.8	21.3	21.6	18.3	19.8	18.6	20.1	20.4
	3H	21.1	22.6	21.5	22.9	23.2	19.9	21.3	20.3	21.7	22.0
	4H	21.7	23.1	22.1	23.4	23.8	20.5	21.9	20.9	22.2	22.6
	6H	22.2	23.4	22.6	23.8	24.2	21.0	22.2	21.4	22.6	23.0
	8H	22.3	23.5	22.8	23.9	24.3	21.1	22.3	21.6	22.7	23.1
	12H	22.4	23.6	22.9	23.9	24.4	21.2	22.4	21.7	22.8	23.2
4H	2H	19.9	21.2	20.3	21.5	21.9	18.9	20.2	19.3	20.6	21.0
	3H	21.8	22.9	22.2	23.3	23.7	20.8	21.9	21.2	22.3	22.7
	4H	22.6	23.6	23.0	24.0	24.4	21.5	22.5	22.0	23.0	23.4
	6H	23.1	24.0	23.6	24.5	24.9	22.1	23.0	22.6	23.4	23.9
	8H	23.3	24.1	23.8	24.6	25.1	22.3	23.1	22.8	23.6	24.0
	12H	23.5	24.2	24.0	24.7	25.2	22.5	23.2	23.0	23.7	24.1
8H	4H	22.8	23.6	23.2	24.0	24.5	21.9	22.7	22.3	23.1	23.6
	6H	23.5	24.1	24.0	24.6	25.1	22.6	23.2	23.1	23.7	24.2
	8H	23.7	24.3	24.2	24.8	25.3	22.8	23.4	23.3	24.0	24.4
	12H	24.0	24.5	24.5	25.0	25.5	23.1	23.6	23.6	24.1	24.7
12H	4H	22.8	23.5	23.3	24.0	24.5	21.9	22.6	22.4	23.1	23.6
	6H	23.5	24.1	24.0	24.6	25.1	22.6	23.3	23.2	23.7	24.3
	8H	23.8	24.4	24.3	24.9	25.4	23.0	23.5	23.5	24.0	24.6

Maximum UGR = 25.5

POLAR GRAPH



Maximum Candela = 1161.332 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.)