



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-6-L4-830-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-L4-830-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	2406
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	111
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	9365	8079	7369
55	8349	7099	6499
65	7360	6258	5761
75	6071	5328	4965
85	4579	4273	4117

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-6-L4-830-DMA-DIM-UNV_.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	1065.850	1065.850	1065.850	1065.850	1065.850
0.5	1084.641	1066.724	1060.606	1063.228	1057.984
1.0	1084.641	1066.287	1060.606	1063.228	1057.547
1.5	1084.204	1066.287	1060.169	1062.791	1057.110
2.0	1083.767	1065.413	1059.295	1062.354	1055.798
2.5	1083.330	1064.539	1058.858	1061.043	1054.924
3.0	1082.456	1063.665	1057.547	1060.169	1053.176
3.5	1081.582	1062.791	1056.235	1058.421	1051.428
4.0	1080.708	1061.917	1054.924	1057.110	1050.117
4.5	1079.834	1060.606	1053.613	1055.361	1047.932
5.0	1078.960	1059.295	1051.428	1053.176	1045.747
5.5	1077.212	1057.547	1049.680	1050.554	1042.688
6.0	1075.901	1055.798	1047.495	1048.369	1040.066
6.5	1074.590	1054.487	1045.310	1045.310	1037.007
7.0	1072.842	1052.302	1043.125	1042.251	1033.948
7.5	1071.094	1050.554	1040.503	1039.192	1030.452
8.0	1069.346	1047.932	1037.881	1035.696	1027.393
8.5	1067.161	1045.747	1034.822	1032.200	1023.460
9.0	1064.976	1043.562	1031.763	1028.267	1019.527
9.5	1062.791	1040.940	1028.267	1023.897	1015.157
10.0	1060.606	1038.318	1024.771	1019.964	1011.224
10.5	1057.984	1035.696	1021.275	1015.594	1005.980
11.0	1055.361	1032.637	1017.342	1011.224	1001.173
11.5	1052.302	1029.578	1013.409	1006.417	996.366
12.0	1049.243	1026.082	1009.039	1001.610	991.122
12.5	1046.621	1022.586	1004.669	996.366	985.441
13.0	1043.125	1019.090	1000.299	991.122	980.197
13.5	1039.629	1015.157	995.492	985.441	974.516
14.0	1036.570	1011.224	991.122	980.197	968.835
14.5	1032.637	1007.291	985.878	974.516	962.717
15.0	1029.141	1003.358	981.071	968.398	957.036
15.5	1025.208	998.988	975.390	962.280	950.481
16.0	1022.149	995.055	970.146	956.162	943.926
16.5	1019.090	990.685	964.465	949.607	937.371
17.0	1015.157	986.315	958.784	943.052	930.816
17.5	1009.476	981.945	953.103	936.497	923.824
18.0	1004.232	978.012	947.422	929.505	916.395
18.5	998.988	972.768	941.304	922.513	908.966
19.0	994.618	967.087	935.186	915.084	901.537
19.5	989.811	961.406	929.068	907.655	893.670
20.0	985.004	955.725	922.513	900.663	885.367
20.5	979.760	950.044	916.395	893.233	877.501
21.0	974.516	944.800	909.840	885.367	869.198
21.5	969.272	939.119	903.285	877.938	861.332
22.0	963.591	933.001	896.293	870.072	853.029
22.5	958.347	927.320	889.737	861.769	845.163
23.0	952.229	921.202	883.619	853.903	837.297
23.5	946.548	914.647	876.627	846.037	828.994
24.0	940.430	908.529	868.761	838.171	821.128
24.5	934.312	901.974	861.332	830.305	812.825
25.0	928.194	895.856	853.466	822.002	804.522
25.5	922.076	888.863	846.037	814.136	796.219
26.0	915.521	882.308	838.171	805.833	788.353
26.5	909.403	875.316	830.742	797.967	780.487

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-6-L4-830-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	902.411	868.761	822.876	790.101	772.184
27.5	895.856	861.332	815.447	782.235	763.444
28.0	889.300	854.340	807.581	774.369	755.578
28.5	882.745	847.348	799.715	766.066	747.712
29.0	875.753	839.919	792.286	757.763	739.846
29.5	868.324	832.490	784.420	749.460	731.980
30.0	861.332	825.061	776.554	741.594	723.676
30.5	853.903	818.069	769.125	733.728	715.373
31.0	846.474	810.640	761.259	725.424	707.070
31.5	838.608	802.774	752.956	717.121	699.204
32.0	831.179	795.345	745.090	708.818	690.901
32.5	823.313	787.479	737.224	700.515	682.598
33.0	815.884	779.613	728.920	692.212	674.295
33.5	808.018	771.747	721.054	684.346	665.992
34.0	800.152	763.881	713.188	676.043	657.689
34.5	792.723	755.578	704.448	667.740	649.386
35.0	784.857	747.712	696.582	659.000	641.083
35.5	776.991	739.409	688.279	650.697	633.217
36.0	768.688	731.543	680.413	642.831	624.914
36.5	760.822	723.239	672.110	634.528	617.048
37.0	752.956	714.936	663.807	625.788	608.745
37.5	744.653	706.633	655.504	617.922	601.316
38.0	736.787	698.330	647.201	609.619	593.013
38.5	728.483	690.027	639.335	601.753	585.147
39.0	720.180	681.724	630.595	593.450	577.281
39.5	711.877	673.421	622.292	585.584	569.415
40.0	703.137	665.118	613.989	577.281	561.548
40.5	694.397	656.815	605.686	569.852	554.119
41.0	686.094	648.512	597.383	561.985	545.816
41.5	677.354	639.772	589.080	554.119	537.950
42.0	668.614	631.469	581.214	545.816	530.521
42.5	660.311	622.729	572.911	537.950	522.655
43.0	651.571	614.426	565.044	530.521	515.226
43.5	642.831	605.686	556.304	523.092	507.797
44.0	634.091	597.383	548.438	515.226	500.368
44.5	625.351	589.080	540.135	507.360	492.939
45.0	617.048	580.340	532.269	499.931	485.510
45.5	608.308	572.037	524.403	492.502	478.081
46.0	599.568	563.733	516.537	485.073	471.089
46.5	591.265	554.993	508.234	477.644	463.660
47.0	582.525	546.690	500.368	470.215	456.668
47.5	574.222	538.387	492.939	462.349	449.676
48.0	565.481	530.084	485.073	455.357	442.247
48.5	556.741	521.781	477.644	447.928	435.517
49.0	548.438	513.041	469.341	440.936	428.481
49.5	539.698	504.738	461.912	433.463	421.445
50.0	531.395	496.872	454.046	426.165	414.410
50.5	522.655	488.569	446.617	419.260	407.724
51.0	514.352	480.266	438.751	412.487	401.081
51.5	505.612	471.963	431.365	405.582	393.827
52.0	497.309	464.097	423.674	398.459	387.010
52.5	488.569	455.794	416.070	391.336	380.455
53.0	480.266	447.928	408.554	384.300	373.462
53.5	471.526	440.062	401.387	377.701	367.126
54.0	463.223	431.802	394.133	371.190	360.440
54.5	454.920	423.718	386.747	364.504	353.885

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-6-L4-830-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	446.180	415.808	379.406	357.599	347.330
55.5	437.877	407.986	372.283	350.607	340.644
56.0	429.530	400.207	365.334	343.877	334.307
56.5	421.358	392.516	358.255	337.541	328.014
57.0	413.142	384.737	351.263	331.292	321.984
57.5	405.101	377.133	344.489	324.693	315.734
58.0	397.104	369.661	337.585	317.963	309.311
58.5	389.369	362.188	330.549	311.364	303.061
59.0	381.460	354.934	323.557	304.984	297.206
59.5	373.681	347.679	316.740	298.735	291.175
60.0	365.859	340.512	310.185	292.661	284.969
60.5	358.255	333.346	303.717	286.543	278.895
61.0	350.695	326.135	297.162	280.294	273.039
61.5	343.091	318.925	290.345	274.001	267.009
62.0	335.487	311.933	283.702	267.795	260.978
62.5	327.927	305.028	277.409	261.808	255.122
63.0	320.323	297.992	271.379	255.952	249.397
63.5	312.675	291.000	265.348	250.446	243.673
64.0	305.072	283.964	259.143	244.940	237.948
64.5	297.468	276.972	252.719	238.997	232.354
65.0	289.820	270.068	246.426	232.791	226.848
65.5	282.216	263.119	240.483	227.198	221.429
66.0	274.656	256.171	234.670	222.172	216.229
66.5	267.052	249.266	228.771	217.016	210.941
67.0	259.492	242.449	222.609	211.422	205.522
67.5	251.976	235.676	216.404	205.391	200.016
68.0	244.459	228.815	210.198	199.186	194.379
68.5	237.030	221.997	204.037	193.417	188.785
69.0	229.689	215.180	198.181	188.042	183.366
69.5	222.347	208.538	192.412	182.711	177.904
70.0	215.049	201.895	186.294	176.855	172.135
70.5	207.882	195.209	180.045	170.562	166.411
71.0	200.672	188.523	173.883	164.532	160.773
71.5	193.592	181.924	167.853	159.113	155.311
72.0	186.556	175.544	162.084	154.087	150.023
72.5	179.608	169.251	156.534	148.887	144.954
73.0	172.791	163.002	150.897	143.337	139.797
73.5	166.017	156.709	145.085	137.787	134.466
74.0	159.375	150.504	139.273	132.456	129.396
74.5	152.820	144.429	133.767	127.430	124.633
75.0	146.396	138.530	128.479	122.492	119.739
75.5	140.059	132.674	123.278	117.510	114.713
76.0	133.810	126.862	117.947	112.572	109.950
76.5	127.648	121.006	112.659	107.503	105.274
77.0	121.530	115.281	107.328	102.521	100.423
77.5	115.544	109.644	102.259	97.626	95.485
78.0	109.557	104.050	97.320	92.863	90.809
78.5	103.657	98.544	92.382	88.143	86.352
79.0	97.932	93.169	87.444	83.511	81.938
79.5	92.251	87.881	82.594	78.966	77.568
80.0	86.701	82.681	77.874	74.422	73.154
80.5	81.195	77.568	73.198	69.920	68.653
81.0	75.864	72.542	68.478	65.507	64.239
81.5	70.663	67.648	63.933	61.224	60.044
82.0	65.550	62.928	59.607	57.116	56.024
82.5	60.569	58.296	55.325	53.140	52.134

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-6-L4-830-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	55.674	53.708	51.129	49.119	48.332
83.5	50.867	49.163	46.890	45.142	44.531
84.0	46.191	44.793	42.651	41.209	40.641
84.5	41.646	40.510	38.544	37.364	36.883
85.0	37.189	36.315	34.698	33.649	33.431
85.5	32.819	32.163	30.940	30.153	30.197
86.0	28.580	28.056	27.269	26.919	26.919
86.5	24.472	24.123	23.598	23.511	23.598
87.0	20.452	20.321	20.015	20.015	20.146
87.5	16.606	16.475	16.519	16.737	16.825
88.0	12.892	12.979	13.372	13.678	13.809
88.5	9.439	9.745	10.488	10.575	10.663
89.0	6.380	6.861	7.298	6.599	6.555
89.5	4.414	4.545	3.409	3.234	3.583
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-6-L4-830-DMA-DIM-UNV_.IES

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-L4-830-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 : LRX2-6-L4-830-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 : LRX2-6-L4-830-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	377.39	N.A.	15.70
0-30	772.63	N.A.	32.10
0-40	1212.66	N.A.	50.40
0-60	1977.21	N.A.	82.20
0-80	2365.95	N.A.	98.30
0-90	2405.77	N.A.	100.00
10-90	2305.77	N.A.	95.80
20-40	835.27	N.A.	34.70
20-50	1252.82	N.A.	52.10
40-70	1014.36	N.A.	42.20
60-80	388.74	N.A.	16.20
70-80	138.93	N.A.	5.80
80-90	39.82	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	2405.77	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	99.99
10-20	277.40
20-30	395.24
30-40	440.03
40-50	417.56
50-60	347.00
60-70	249.81
70-80	138.93
80-90	39.82
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-L4-830-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	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	59	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-L4-830-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

X=2H	Y=2H	19.2	20.8	19.6	21.1	21.4	18.1	19.6	18.4	19.9	20.2
	3H	20.9	22.3	21.3	22.7	23.0	19.7	21.1	20.1	21.5	21.8
	4H	21.5	22.9	21.9	23.2	23.6	20.3	21.7	20.7	22.0	22.4
	6H	22.0	23.2	22.4	23.6	24.0	20.8	22.0	21.2	22.4	22.8
	8H	22.1	23.3	22.6	23.7	24.1	20.9	22.1	21.4	22.5	22.9
	12H	22.2	23.4	22.7	23.7	24.2	21.0	22.2	21.5	22.6	23.0

UGR Viewed Endwise

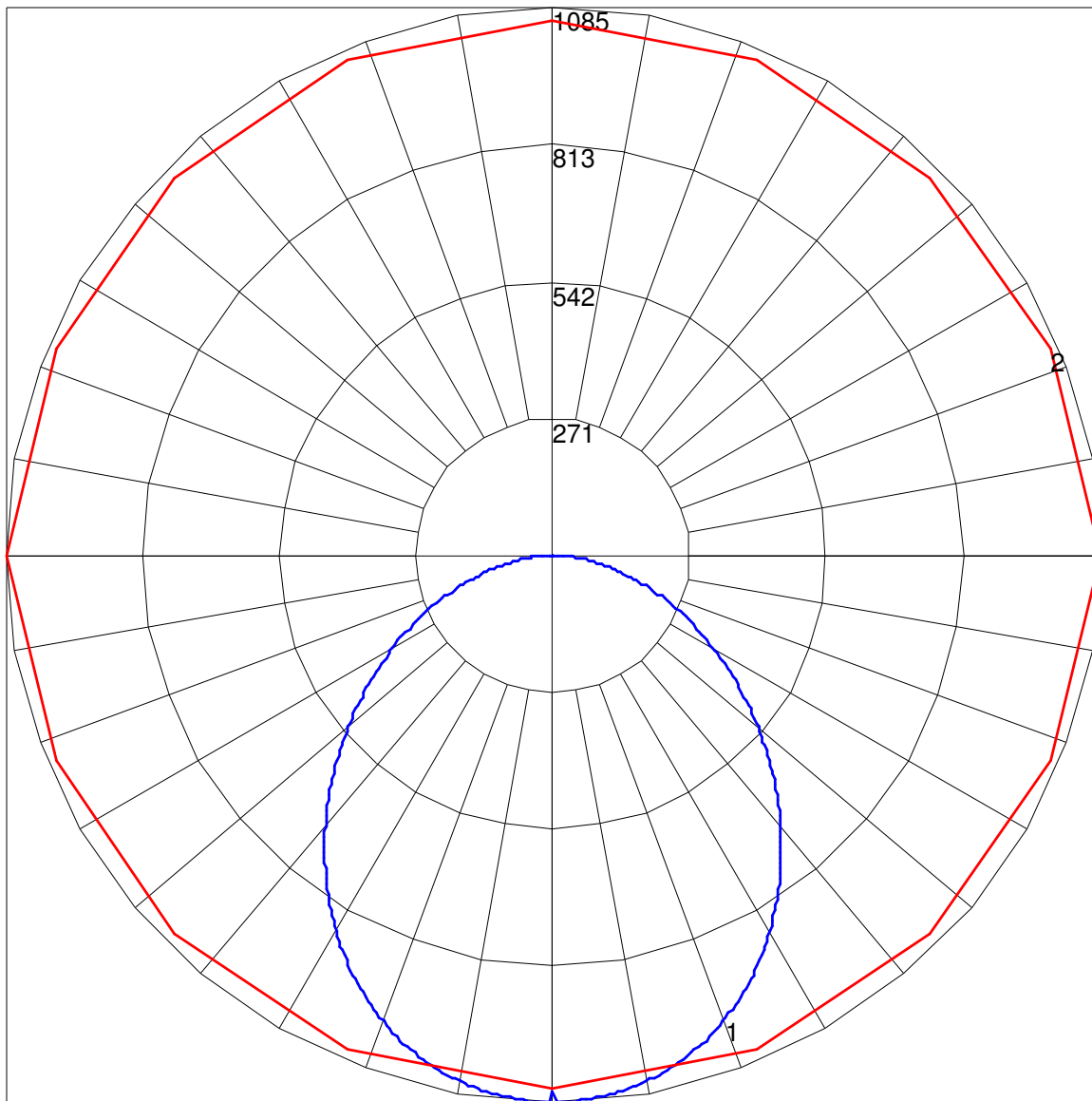
4H	2H	19.7	21.0	20.1	21.3	21.7	18.7	20.0	19.1	20.4	20.8
	3H	21.6	22.7	22.0	23.1	23.5	20.6	21.7	21.0	22.1	22.5
	4H	22.4	23.4	22.8	23.8	24.2	21.3	22.3	21.8	22.8	23.2
	6H	22.9	23.8	23.4	24.3	24.7	21.9	22.8	22.4	23.2	23.7
	8H	23.1	23.9	23.6	24.4	24.9	22.1	22.9	22.6	23.4	23.8
	12H	23.3	24.0	23.8	24.5	24.9	22.3	23.0	22.8	23.5	23.9

8H	4H	22.6	23.4	23.0	23.8	24.3	21.7	22.5	22.1	22.9	23.4
	6H	23.3	23.9	23.8	24.4	24.9	22.4	23.0	22.9	23.5	24.0
	8H	23.5	24.1	24.0	24.6	25.1	22.6	23.2	23.1	23.8	24.2
	12H	23.7	24.3	24.3	24.8	25.3	22.9	23.4	23.4	23.9	24.5

12H	4H	22.6	23.3	23.1	23.8	24.3	21.7	22.4	22.2	22.9	23.4
	6H	23.3	23.9	23.8	24.4	24.9	22.4	23.1	23.0	23.5	24.1
	8H	23.6	24.2	24.1	24.7	25.2	22.8	23.3	23.3	23.8	24.4

Maximum UGR = 25.3

POLAR GRAPH



Maximum Candela = 1084.641 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.)