



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-6-L4-940-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-L4-940-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	2090
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	97
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	8136	7018	6401
55	7252	6167	5646
65	6394	5436	5004
75	5273	4628	4313
85	3978	3712	3576

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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	925.890	925.890	925.890	925.890	925.890
0.5	942.213	926.649	921.334	923.612	919.056
1.0	942.213	926.269	921.334	923.612	918.677
1.5	941.833	926.269	920.954	923.232	918.297
2.0	941.454	925.510	920.195	922.853	917.158
2.5	941.074	924.751	919.816	921.714	916.399
3.0	940.315	923.991	918.677	920.954	914.881
3.5	939.556	923.232	917.538	919.436	913.362
4.0	938.797	922.473	916.399	918.297	912.223
4.5	938.037	921.334	915.260	916.779	910.325
5.0	937.278	920.195	913.362	914.881	908.427
5.5	935.760	918.677	911.844	912.603	905.770
6.0	934.621	917.158	909.946	910.705	903.492
6.5	933.482	916.019	908.047	908.047	900.835
7.0	931.963	914.121	906.149	905.390	898.177
7.5	930.445	912.603	903.872	902.733	895.140
8.0	928.926	910.325	901.594	899.696	892.483
8.5	927.028	908.427	898.937	896.659	889.067
9.0	925.130	906.529	896.279	893.242	885.650
9.5	923.232	904.251	893.242	889.446	881.854
10.0	921.334	901.974	890.205	886.030	878.437
10.5	919.056	899.696	887.168	882.233	873.882
11.0	916.779	897.039	883.752	878.437	869.706
11.5	914.121	894.381	880.335	874.261	865.530
12.0	911.464	891.344	876.539	870.086	860.975
12.5	909.186	888.307	872.743	865.530	856.040
13.0	906.149	885.270	868.947	860.975	851.484
13.5	903.112	881.854	864.771	856.040	846.549
14.0	900.455	878.437	860.975	851.484	841.614
14.5	897.039	875.021	856.419	846.549	836.300
15.0	894.002	871.604	852.244	841.235	831.365
15.5	890.585	867.808	847.308	835.920	825.670
16.0	887.928	864.391	842.753	830.605	819.976
16.5	885.270	860.595	837.818	824.911	814.282
17.0	881.854	856.799	832.883	819.217	808.587
17.5	876.919	853.003	827.948	813.522	802.513
18.0	872.363	849.586	823.013	807.449	796.060
18.5	867.808	845.031	817.698	801.375	789.606
19.0	864.012	840.096	812.384	794.921	783.153
19.5	859.836	835.161	807.069	788.468	776.320
20.0	855.660	830.226	801.375	782.394	769.107
20.5	851.105	825.291	796.060	775.940	762.274
21.0	846.549	820.735	790.366	769.107	755.061
21.5	841.994	815.800	784.671	762.654	748.228
22.0	837.059	810.485	778.598	755.820	741.015
22.5	832.503	805.550	772.903	748.608	734.182
23.0	827.189	800.236	767.589	741.775	727.349
23.5	822.254	794.542	761.515	734.941	720.136
24.0	816.939	789.227	754.682	728.108	713.303
24.5	811.624	783.533	748.228	721.275	706.090
25.0	806.310	778.218	741.395	714.062	698.878
25.5	800.995	772.144	734.941	707.229	691.665
26.0	795.301	766.450	728.108	700.017	684.832
26.5	789.986	760.376	721.655	693.183	677.999

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-6-L4-940-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	783.912	754.682	714.822	686.350	670.786
27.5	778.218	748.228	708.368	679.517	663.194
28.0	772.524	742.154	701.535	672.684	656.360
28.5	766.829	736.080	694.702	665.471	649.527
29.0	760.755	729.627	688.248	658.258	642.694
29.5	754.302	723.173	681.415	651.046	635.861
30.0	748.228	716.720	674.582	644.213	628.648
30.5	741.775	710.646	668.129	637.379	621.435
31.0	735.321	704.192	661.295	630.167	614.223
31.5	728.488	697.359	654.083	622.954	607.390
32.0	722.034	690.906	647.250	615.741	600.177
32.5	715.201	684.073	640.416	608.528	592.964
33.0	708.748	677.239	633.204	601.316	585.751
33.5	701.915	670.406	626.371	594.483	578.539
34.0	695.081	663.573	619.537	587.270	571.326
34.5	688.628	656.360	611.945	580.057	564.113
35.0	681.795	649.527	605.112	572.465	556.900
35.5	674.962	642.314	597.899	565.252	550.067
36.0	667.749	635.481	591.066	558.419	542.854
36.5	660.916	628.269	583.853	551.206	536.021
37.0	654.083	621.056	576.640	543.614	528.809
37.5	646.870	613.843	569.428	536.781	522.355
38.0	640.037	606.630	562.215	529.568	515.142
38.5	632.824	599.418	555.382	522.735	508.309
39.0	625.611	592.205	547.789	515.522	501.476
39.5	618.399	584.992	540.577	508.689	494.643
40.0	610.806	577.779	533.364	501.476	487.810
40.5	603.214	570.567	526.151	495.023	481.356
41.0	596.001	563.354	518.938	488.189	474.144
41.5	588.409	555.761	511.726	481.356	467.310
42.0	580.816	548.549	504.893	474.144	460.857
42.5	573.604	540.956	497.680	467.310	454.024
43.0	566.011	533.744	490.847	460.857	447.570
43.5	558.419	526.151	483.254	454.403	441.117
44.0	550.826	518.938	476.421	447.570	434.663
44.5	543.234	511.726	469.208	440.737	428.210
45.0	536.021	504.133	462.375	434.284	421.756
45.5	528.429	496.921	455.542	427.830	415.303
46.0	520.837	489.708	448.709	421.377	409.229
46.5	513.624	482.115	441.496	414.923	402.775
47.0	506.031	474.903	434.663	408.470	396.701
47.5	498.819	467.690	428.210	401.636	390.627
48.0	491.226	460.477	421.377	395.562	384.174
48.5	483.634	453.264	414.923	389.109	378.328
49.0	476.421	445.672	407.710	383.035	372.216
49.5	468.829	438.459	401.257	376.544	366.104
50.0	461.616	431.626	394.424	370.204	359.992
50.5	454.024	424.413	387.970	364.206	354.184
51.0	446.811	417.201	381.137	358.322	348.414
51.5	439.219	409.988	374.721	352.324	342.112
52.0	432.006	403.155	368.040	346.136	336.190
52.5	424.413	395.942	361.435	339.948	330.496
53.0	417.201	389.109	354.905	333.837	324.422
53.5	409.608	382.276	348.680	328.104	318.917
54.0	402.396	375.101	342.378	322.448	313.109
54.5	395.183	368.078	335.962	316.640	307.415

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-6-L4-940-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	387.590	361.207	329.585	310.642	301.721
55.5	380.378	354.412	323.397	304.568	295.913
56.0	373.127	347.655	317.361	298.722	290.408
56.5	366.028	340.973	311.211	293.217	284.942
57.0	358.891	334.216	305.137	287.789	279.703
57.5	351.906	327.611	299.253	282.057	274.274
58.0	344.959	321.119	293.255	276.210	268.694
58.5	338.240	314.628	287.143	270.478	263.265
59.0	331.369	308.326	281.070	264.936	258.179
59.5	324.612	302.024	275.147	259.507	252.940
60.0	317.817	295.799	269.453	254.231	247.549
60.5	311.211	289.573	263.835	248.916	242.273
61.0	304.644	283.309	258.141	243.487	237.186
61.5	298.038	277.046	252.219	238.021	231.947
62.0	291.433	270.972	246.448	232.630	226.708
62.5	284.866	264.974	240.982	227.429	221.621
63.0	278.260	258.862	235.743	222.343	216.648
63.5	271.617	252.788	230.504	217.559	211.675
64.0	265.012	246.676	225.114	212.776	206.702
64.5	258.406	240.602	219.533	207.613	201.843
65.0	251.763	234.604	214.067	202.223	197.060
65.5	245.158	228.568	208.904	197.364	192.353
66.0	238.590	222.532	203.855	192.998	187.835
66.5	231.985	216.534	198.730	188.519	183.242
67.0	225.417	210.612	193.378	183.659	178.535
67.5	218.888	204.728	187.987	178.421	173.751
68.0	212.359	198.768	182.596	173.030	168.854
68.5	205.905	192.846	177.244	168.019	163.995
69.0	199.527	186.924	172.157	163.350	159.288
69.5	193.150	181.154	167.146	158.718	154.543
70.0	186.810	175.384	161.831	153.632	149.532
70.5	180.585	169.576	156.403	148.165	144.559
71.0	174.321	163.767	151.050	142.926	139.662
71.5	168.171	158.035	145.811	138.219	134.916
72.0	162.059	152.493	140.801	133.853	130.323
72.5	156.023	147.026	135.979	129.336	125.919
73.0	150.101	141.598	131.082	124.515	121.440
73.5	144.217	136.131	126.033	119.694	116.809
74.0	138.447	130.741	120.984	115.062	112.405
74.5	132.753	125.464	116.201	110.697	108.267
75.0	127.172	120.339	111.608	106.407	104.015
75.5	121.668	115.252	107.090	102.079	99.650
76.0	116.239	110.203	102.459	97.790	95.512
76.5	110.887	105.116	97.866	93.386	91.450
77.0	105.572	100.143	93.234	89.058	87.236
77.5	100.371	95.246	88.831	84.807	82.947
78.0	95.170	90.387	84.541	80.669	78.885
78.5	90.046	85.604	80.251	76.569	75.013
79.0	85.073	80.935	75.962	72.545	71.178
79.5	80.137	76.341	71.748	68.597	67.382
80.0	75.316	71.824	67.648	64.649	63.548
80.5	70.533	67.382	63.586	60.739	59.638
81.0	65.902	63.017	59.486	56.905	55.804
81.5	61.384	58.765	55.538	53.185	52.160
82.0	56.943	54.665	51.780	49.616	48.667
82.5	52.615	50.641	48.060	46.162	45.288

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

83.0	48.363	46.655	44.415	42.669	41.986
83.5	44.188	42.707	40.733	39.215	38.683
84.0	40.126	38.911	37.051	35.798	35.305
84.5	36.178	35.191	33.482	32.457	32.040
85.0	32.306	31.546	30.142	29.231	29.041
85.5	28.509	27.940	26.877	26.194	26.232
86.0	24.827	24.372	23.688	23.384	23.384
86.5	21.259	20.955	20.499	20.423	20.499
87.0	17.766	17.652	17.387	17.387	17.500
87.5	14.426	14.312	14.350	14.539	14.615
88.0	11.199	11.275	11.616	11.882	11.996
88.5	8.200	8.465	9.111	9.187	9.263
89.0	5.542	5.960	6.340	5.732	5.694
89.5	3.834	3.948	2.961	2.809	3.113
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-L4-940-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
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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-L4-940-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-L4-940-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	327.83	N.A.	15.70
0-30	671.17	N.A.	32.10
0-40	1053.42	N.A.	50.40
0-60	1717.57	N.A.	82.20
0-80	2055.27	N.A.	98.30
0-90	2089.86	N.A.	100.00
10-90	2002.99	N.A.	95.80
20-40	725.58	N.A.	34.70
20-50	1088.31	N.A.	52.10
40-70	881.16	N.A.	42.20
60-80	337.69	N.A.	16.20
70-80	120.69	N.A.	5.80
80-90	34.59	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	2089.86	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	86.86
10-20	240.97
20-30	343.34
30-40	382.25
40-50	362.73
50-60	301.43
60-70	217.01
70-80	120.69
80-90	34.59
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-L4-940-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-L4-940-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

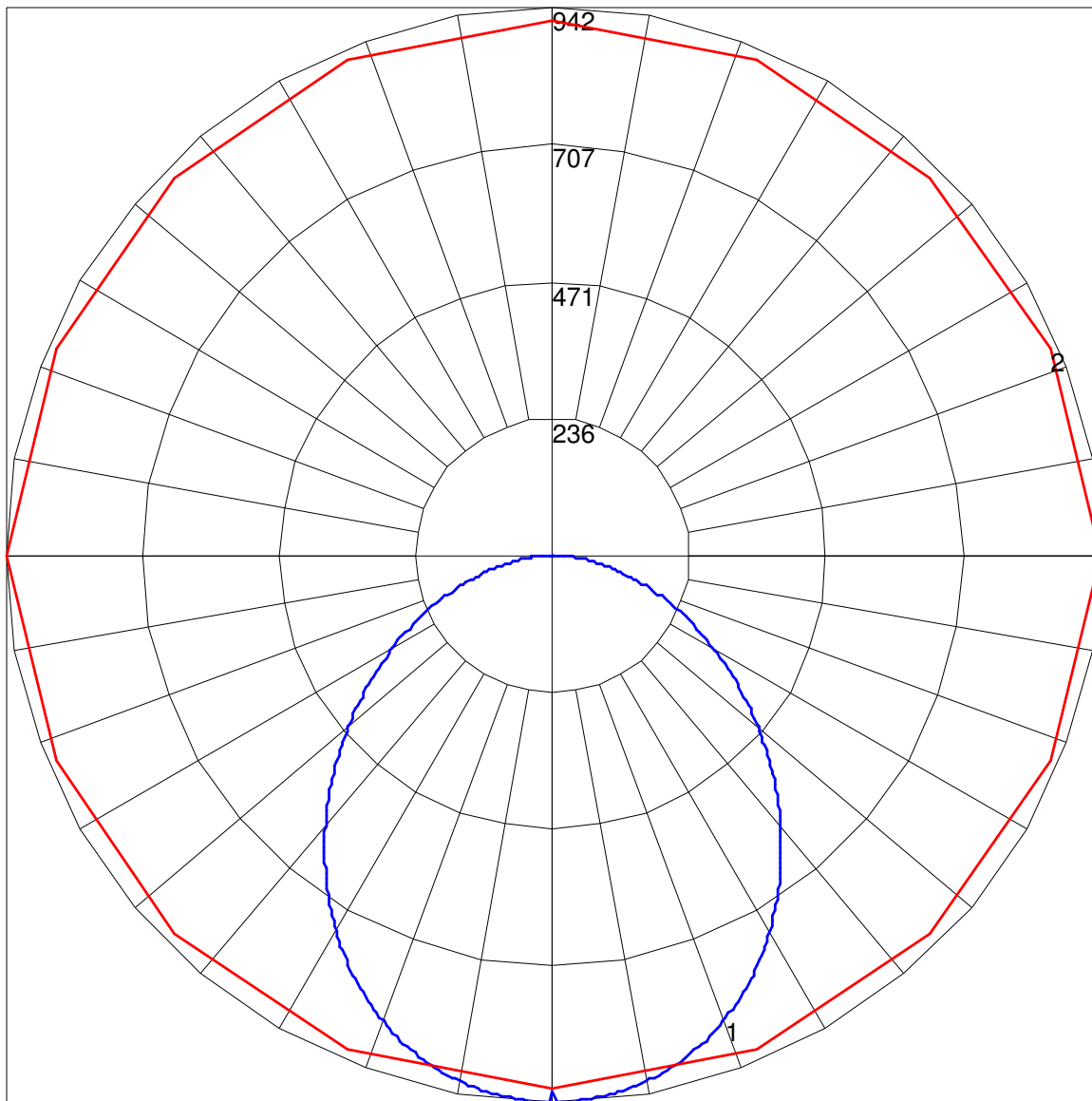
Reflectances

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	18.7	20.3	19.1	20.6	20.9	17.6	19.1	17.9	19.4	19.7
	3H	20.4	21.9	20.8	22.2	22.5	19.2	20.6	19.6	21.0	21.3
	4H	21.0	22.4	21.4	22.7	23.1	19.8	21.2	20.2	21.5	21.9
	6H	21.5	22.7	21.9	23.1	23.5	20.3	21.5	20.7	21.9	22.3
	8H	21.6	22.8	22.1	23.2	23.6	20.5	21.6	20.9	22.0	22.4
	12H	21.7	22.9	22.2	23.2	23.7	20.5	21.7	21.0	22.1	22.5
4H	2H	19.2	20.5	19.6	20.8	21.2	18.2	19.5	18.6	19.9	20.3
	3H	21.1	22.2	21.5	22.6	23.0	20.1	21.2	20.5	21.6	22.0
	4H	21.9	22.9	22.3	23.3	23.7	20.8	21.8	21.3	22.3	22.7
	6H	22.4	23.3	22.9	23.8	24.2	21.4	22.3	21.9	22.7	23.2
	8H	22.6	23.4	23.1	23.9	24.4	21.6	22.4	22.1	22.9	23.3
	12H	22.8	23.5	23.3	24.0	24.5	21.8	22.5	22.3	23.0	23.4
8H	4H	22.1	22.9	22.5	23.3	23.8	21.2	22.0	21.6	22.4	22.9
	6H	22.8	23.4	23.3	23.9	24.4	21.9	22.5	22.4	23.0	23.5
	8H	23.0	23.6	23.5	24.1	24.6	22.1	22.7	22.6	23.3	23.7
	12H	23.3	23.8	23.8	24.3	24.8	22.4	22.9	22.9	23.4	24.0
12H	4H	22.1	22.8	22.6	23.3	23.8	21.2	21.9	21.7	22.4	22.9
	6H	22.8	23.4	23.3	23.9	24.4	21.9	22.6	22.5	23.0	23.6
	8H	23.1	23.7	23.6	24.2	24.7	22.3	22.8	22.8	23.3	23.9

Maximum UGR = 24.8

POLAR GRAPH



Maximum Candela = 942.213 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.)