



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-4-L4-950-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] LRX2-4-L4-950-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	1442
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	100
Total Luminaire Watts	14.4
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)	4.00 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	8419	7263	6625
55	7505	6382	5843
65	6617	5626	5179
75	5457	4789	4464
85	4117	3841	3701

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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	638.792	638.792	638.792	638.792	638.792
0.5	650.054	639.316	635.649	637.221	634.078
1.0	650.054	639.054	635.649	637.221	633.816
1.5	649.792	639.054	635.387	636.959	633.554
2.0	649.530	638.530	634.864	636.697	632.768
2.5	649.268	638.006	634.602	635.911	632.244
3.0	648.745	637.483	633.816	635.387	631.197
3.5	648.221	636.959	633.030	634.340	630.149
4.0	647.697	636.435	632.244	633.554	629.363
4.5	647.173	635.649	631.459	632.506	628.054
5.0	646.649	634.864	630.149	631.197	626.744
5.5	645.602	633.816	629.102	629.625	624.911
6.0	644.816	632.768	627.792	628.316	623.340
6.5	644.030	631.983	626.482	626.482	621.506
7.0	642.983	630.673	625.173	624.649	619.673
7.5	641.935	629.625	623.602	622.816	617.578
8.0	640.887	628.054	622.030	620.721	615.744
8.5	639.578	626.744	620.197	618.625	613.387
9.0	638.268	625.435	618.363	616.268	611.030
9.5	636.959	623.863	616.268	613.649	608.411
10.0	635.649	622.292	614.173	611.292	606.054
10.5	634.078	620.721	612.078	608.673	602.911
11.0	632.506	618.887	609.720	606.054	600.030
11.5	630.673	617.054	607.363	603.173	597.149
12.0	628.840	614.959	604.744	600.292	594.006
12.5	627.268	612.863	602.125	597.149	590.601
13.0	625.173	610.768	599.506	594.006	587.458
13.5	623.078	608.411	596.625	590.601	584.053
14.0	621.244	606.054	594.006	587.458	580.649
14.5	618.887	603.697	590.863	584.053	576.982
15.0	616.792	601.339	587.982	580.387	573.577
15.5	614.435	598.720	584.577	576.720	569.649
16.0	612.601	596.363	581.434	573.053	565.720
16.5	610.768	593.744	578.030	569.125	561.791
17.0	608.411	591.125	574.625	565.196	557.863
17.5	605.006	588.506	571.220	561.268	553.672
18.0	601.863	586.149	567.815	557.077	549.220
18.5	598.720	583.006	564.149	552.887	544.767
19.0	596.101	579.601	560.482	548.434	540.315
19.5	593.220	576.196	556.815	543.982	535.601
20.0	590.339	572.791	552.887	539.791	530.624
20.5	587.196	569.387	549.220	535.339	525.910
21.0	584.053	566.244	545.291	530.624	520.934
21.5	580.911	562.839	541.363	526.172	516.219
22.0	577.506	559.172	537.172	521.458	511.243
22.5	574.363	555.768	533.243	516.481	506.529
23.0	570.696	552.101	529.577	511.767	501.815
23.5	567.291	548.172	525.386	507.053	496.838
24.0	563.625	544.505	520.672	502.338	492.124
24.5	559.958	540.577	516.219	497.624	487.148
25.0	556.291	536.910	511.505	492.648	482.172
25.5	552.625	532.720	507.053	487.933	477.195
26.0	548.696	528.791	502.338	482.957	472.481
26.5	545.029	524.601	497.886	478.243	467.767

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PHOTOMETRIC FILENAME : LRX2-4-L4-950-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	540.839	520.672	493.172	473.529	462.790
27.5	536.910	516.219	488.719	468.814	457.552
28.0	532.982	512.029	484.005	464.100	452.838
28.5	529.053	507.838	479.291	459.124	448.124
29.0	524.862	503.386	474.838	454.147	443.409
29.5	520.410	498.934	470.124	449.171	438.695
30.0	516.219	494.481	465.409	444.457	433.719
30.5	511.767	490.291	460.957	439.743	428.742
31.0	507.315	485.838	456.243	434.766	423.766
31.5	502.600	481.124	451.266	429.790	419.052
32.0	498.148	476.671	446.552	424.814	414.076
32.5	493.434	471.957	441.838	419.838	409.099
33.0	488.981	467.243	436.862	414.861	404.123
33.5	484.267	462.528	432.147	410.147	399.147
34.0	479.552	457.814	427.433	405.171	394.171
34.5	475.100	452.838	422.195	400.195	389.194
35.0	470.386	448.124	417.480	394.956	384.218
35.5	465.671	443.147	412.504	389.980	379.504
36.0	460.695	438.433	407.790	385.266	374.528
36.5	455.981	433.457	402.814	380.290	369.813
37.0	451.266	428.481	397.837	375.051	364.837
37.5	446.290	423.504	392.861	370.337	360.385
38.0	441.576	418.528	387.885	365.361	355.408
38.5	436.600	413.552	383.171	360.646	350.694
39.0	431.623	408.576	377.932	355.670	345.980
39.5	426.647	403.599	372.956	350.956	341.265
40.0	421.409	398.623	367.980	345.980	336.551
40.5	416.171	393.647	363.004	341.527	332.099
41.0	411.195	388.671	358.027	336.813	327.122
41.5	405.956	383.432	353.051	332.099	322.408
42.0	400.718	378.456	348.337	327.122	317.956
42.5	395.742	373.218	343.361	322.408	313.241
43.0	390.504	368.242	338.646	317.956	308.789
43.5	385.266	363.004	333.408	313.503	304.336
44.0	380.028	358.027	328.694	308.789	299.884
44.5	374.789	353.051	323.718	304.074	295.432
45.0	369.813	347.813	319.003	299.622	290.979
45.5	364.575	342.837	314.289	295.170	286.527
46.0	359.337	337.861	309.575	290.717	282.336
46.5	354.361	332.622	304.598	286.265	277.884
47.0	349.123	327.646	299.884	281.812	273.693
47.5	344.146	322.670	295.432	277.098	269.503
48.0	338.908	317.694	290.717	272.908	265.050
48.5	333.670	312.717	286.265	268.455	261.017
49.0	328.694	307.479	281.289	264.265	256.800
49.5	323.456	302.503	276.836	259.786	252.583
50.0	318.479	297.789	272.122	255.412	248.367
50.5	313.241	292.812	267.669	251.274	244.360
51.0	308.265	287.836	262.955	247.214	240.379
51.5	303.027	282.860	258.529	243.076	236.031
52.0	298.051	278.146	253.919	238.807	231.945
52.5	292.812	273.169	249.362	234.538	228.017
53.0	287.836	268.455	244.857	230.321	223.826
53.5	282.598	263.741	240.562	226.367	220.028
54.0	277.622	258.791	236.214	222.464	216.021
54.5	272.646	253.945	231.788	218.457	212.093

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CANDELA TABULATION - (Cont.)

55.0	267.407	249.205	227.388	214.319	208.164
55.5	262.431	244.517	223.119	210.128	204.157
56.0	257.429	239.855	218.955	206.095	200.359
56.5	252.531	235.245	214.712	202.297	196.588
57.0	247.607	230.583	210.521	198.552	192.973
57.5	242.788	226.026	206.462	194.597	189.228
58.0	237.995	221.547	202.323	190.564	185.378
58.5	233.359	217.069	198.107	186.609	181.633
59.0	228.619	212.721	193.916	182.785	178.123
59.5	223.957	208.374	189.830	179.040	174.509
60.0	219.269	204.078	185.902	175.399	170.790
60.5	214.712	199.783	182.026	171.733	167.149
61.0	210.181	195.461	178.097	167.987	163.640
61.5	205.623	191.140	174.011	164.216	160.025
62.0	201.066	186.950	170.030	160.497	156.411
62.5	196.535	182.811	166.259	156.909	152.902
63.0	191.978	178.595	162.644	153.399	149.471
63.5	187.395	174.404	159.030	150.099	146.040
64.0	182.838	170.187	155.311	146.799	142.609
64.5	178.280	165.997	151.461	143.237	139.256
65.0	173.697	161.859	147.690	139.518	135.956
65.5	169.140	157.694	144.128	136.166	132.708
66.0	164.609	153.530	140.644	133.154	129.592
66.5	160.052	149.392	137.109	130.063	126.423
67.0	155.521	145.306	133.416	126.711	123.175
67.5	151.016	141.247	129.697	123.096	119.875
68.0	146.511	137.135	125.977	119.377	116.496
68.5	142.059	133.049	122.285	115.920	113.144
69.0	137.659	128.963	118.775	112.699	109.896
69.5	133.258	124.982	115.318	109.503	106.623
70.0	128.885	121.001	111.651	105.994	103.165
70.5	124.589	116.994	107.906	102.222	99.734
71.0	120.268	112.987	104.213	98.608	96.356
71.5	116.025	109.032	100.599	95.360	93.082
72.0	111.808	105.208	97.141	92.349	89.913
72.5	107.644	101.437	93.815	89.232	86.875
73.0	103.558	97.691	90.437	85.906	83.784
73.5	99.499	93.920	86.953	82.579	80.589
74.0	95.518	90.201	83.470	79.384	77.551
74.5	91.589	86.560	80.170	76.372	74.696
75.0	87.739	83.025	77.001	73.413	71.763
75.5	83.941	79.515	73.884	70.427	68.751
76.0	80.196	76.032	70.689	67.467	65.896
76.5	76.503	72.522	67.520	64.429	63.093
77.0	72.836	69.091	64.324	61.443	60.186
77.5	69.248	65.713	61.286	58.510	57.227
78.0	65.660	62.360	58.327	55.655	54.424
78.5	62.124	59.060	55.367	52.827	51.753
79.0	58.693	55.839	52.408	50.051	49.108
79.5	55.289	52.670	49.500	47.327	46.489
80.0	51.962	49.553	46.672	44.603	43.843
80.5	48.662	46.489	43.869	41.905	41.146
81.0	45.467	43.477	41.041	39.260	38.500
81.5	42.350	40.543	38.317	36.693	35.986
82.0	39.286	37.715	35.724	34.231	33.577
82.5	36.300	34.938	33.157	31.848	31.246

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CANDELA TABULATION - (Cont.)

83.0	33.367	32.188	30.643	29.438	28.967
83.5	30.486	29.465	28.103	27.055	26.688
84.0	27.684	26.846	25.562	24.698	24.357
84.5	24.960	24.279	23.100	22.393	22.105
85.0	22.288	21.765	20.795	20.167	20.036
85.5	19.669	19.276	18.543	18.072	18.098
86.0	17.129	16.814	16.343	16.133	16.133
86.5	14.667	14.457	14.143	14.091	14.143
87.0	12.257	12.179	11.995	11.995	12.074
87.5	9.952	9.874	9.900	10.031	10.083
88.0	7.726	7.779	8.014	8.198	8.276
88.5	5.657	5.841	6.286	6.338	6.391
89.0	3.824	4.112	4.374	3.955	3.929
89.5	2.645	2.724	2.043	1.938	2.148
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

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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 : LRX2-4-L4-950-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 : LRX2-4-L4-950-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	226.18	N.A.	15.70
0-30	463.06	N.A.	32.10
0-40	726.78	N.A.	50.40
0-60	1184.99	N.A.	82.20
0-80	1417.98	N.A.	98.30
0-90	1441.84	N.A.	100.00
10-90	1381.91	N.A.	95.80
20-40	500.60	N.A.	34.70
20-50	750.85	N.A.	52.10
40-70	607.93	N.A.	42.20
60-80	232.98	N.A.	16.20
70-80	83.26	N.A.	5.80
80-90	23.86	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	1441.84	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	59.93
10-20	166.25
20-30	236.88
30-40	263.72
40-50	250.25
50-60	207.96
60-70	149.72
70-80	83.26
80-90	23.86
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 : LRX2-4-L4-950-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	71	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 : LRX2-4-L4-950-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

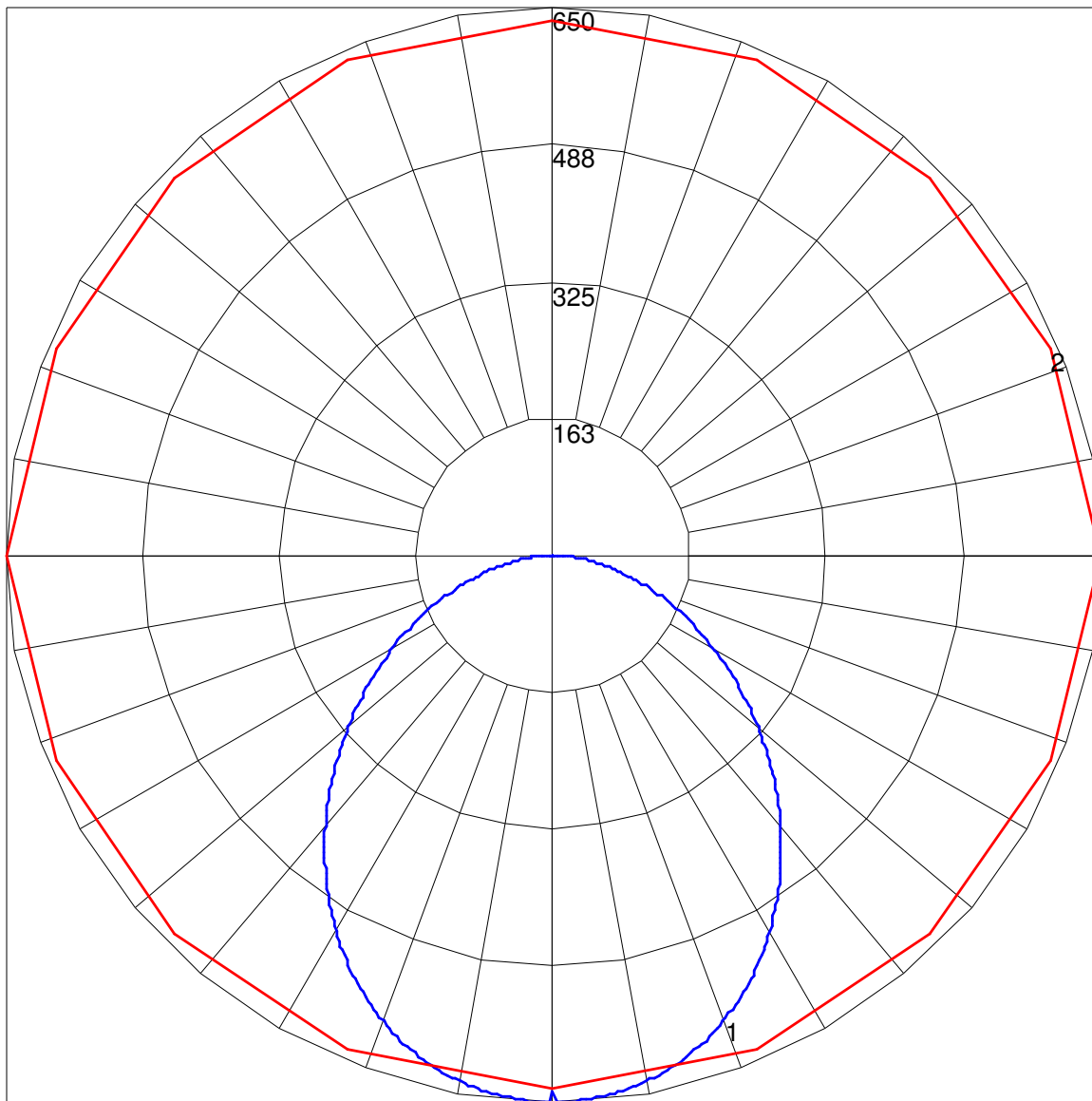
Reflectances

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	18.8	20.4	19.2	20.7	21.0	17.7	19.2	18.0	19.5	19.9
	3H	20.5	22.0	20.9	22.3	22.6	19.3	20.7	19.7	21.1	21.4
	4H	21.2	22.5	21.6	22.8	23.2	19.9	21.3	20.3	21.6	22.0
	6H	21.6	22.8	22.0	23.2	23.6	20.4	21.6	20.8	22.0	22.4
	8H	21.8	22.9	22.2	23.3	23.7	20.6	21.7	21.0	22.1	22.5
	12H	21.8	23.0	22.3	23.4	23.8	20.7	21.8	21.1	22.2	22.6
4H	2H	19.3	20.6	19.7	20.9	21.3	18.3	19.7	18.7	20.0	20.4
	3H	21.2	22.3	21.6	22.7	23.1	20.2	21.3	20.6	21.7	22.1
	4H	22.0	23.0	22.4	23.4	23.8	21.0	21.9	21.4	22.4	22.8
	6H	22.6	23.4	23.0	23.9	24.3	21.5	22.4	22.0	22.8	23.3
	8H	22.7	23.6	23.2	24.0	24.5	21.7	22.5	22.2	23.0	23.5
	12H	22.9	23.6	23.4	24.1	24.6	21.9	22.6	22.4	23.1	23.6
8H	4H	22.2	23.0	22.6	23.4	23.9	21.3	22.1	21.7	22.5	23.0
	6H	22.9	23.6	23.4	24.0	24.5	22.0	22.7	22.5	23.1	23.6
	8H	23.1	23.7	23.6	24.3	24.7	22.2	22.9	22.7	23.4	23.8
	12H	23.4	23.9	23.9	24.4	25.0	22.5	23.0	23.0	23.5	24.1
12H	4H	22.2	22.9	22.7	23.4	23.9	21.3	22.0	21.8	22.5	23.0
	6H	22.9	23.5	23.4	24.0	24.5	22.0	22.7	22.6	23.1	23.7
	8H	23.2	23.8	23.7	24.3	24.8	22.4	22.9	22.9	23.4	24.0

Maximum UGR = 25.0

POLAR GRAPH



Maximum Candela = 650.054 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.)