



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-4-L4-935-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-L4-935-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	1345
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	93
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	7852	6773	6178
55	6999	5952	5449
65	6170	5247	4830
75	5089	4467	4163
85	3839	3582	3451

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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	595.727	595.727	595.727	595.727	595.727
0.5	606.230	596.216	592.796	594.262	591.331
1.0	606.230	595.972	592.796	594.262	591.087
1.5	605.986	595.972	592.552	594.018	590.842
2.0	605.742	595.483	592.064	593.773	590.110
2.5	605.497	594.995	591.819	593.041	589.621
3.0	605.009	594.506	591.087	592.552	588.644
3.5	604.520	594.018	590.354	591.575	587.667
4.0	604.032	593.529	589.621	590.842	586.934
4.5	603.543	592.796	588.888	589.865	585.713
5.0	603.055	592.064	587.667	588.644	584.492
5.5	602.078	591.087	586.690	587.179	582.782
6.0	601.345	590.110	585.469	585.957	581.317
6.5	600.612	589.377	584.248	584.248	579.607
7.0	599.635	588.156	583.026	582.538	577.897
7.5	598.658	587.179	581.561	580.828	575.943
8.0	597.681	585.713	580.095	578.874	574.233
8.5	596.460	584.492	578.386	576.920	572.035
9.0	595.239	583.271	576.676	574.722	569.837
9.5	594.018	581.805	574.722	572.279	567.394
10.0	592.796	580.340	572.768	570.081	565.196
10.5	591.331	578.874	570.814	567.639	562.265
11.0	589.865	577.164	568.616	565.196	559.578
11.5	588.156	575.455	566.417	562.509	556.892
12.0	586.446	573.501	563.975	559.823	553.961
12.5	584.980	571.547	561.532	556.892	550.785
13.0	583.026	569.593	559.090	553.961	547.854
13.5	581.072	567.394	556.403	550.785	544.679
14.0	579.363	565.196	553.961	547.854	541.504
14.5	577.164	562.998	551.030	544.679	538.084
15.0	575.210	560.800	548.343	541.260	534.909
15.5	573.012	558.357	545.168	537.840	531.245
16.0	571.302	556.159	542.237	534.421	527.582
16.5	569.593	553.716	539.061	530.757	523.918
17.0	567.394	551.274	535.886	527.093	520.254
17.5	564.219	548.831	532.711	523.429	516.346
18.0	561.288	546.633	529.536	519.521	512.194
18.5	558.357	543.702	526.116	515.613	508.041
19.0	555.915	540.527	522.696	511.461	503.889
19.5	553.228	537.352	519.277	507.309	499.493
20.0	550.541	534.176	515.613	503.401	494.852
20.5	547.610	531.001	512.194	499.248	490.455
21.0	544.679	528.070	508.530	494.852	485.815
21.5	541.748	524.895	504.866	490.700	481.418
22.0	538.573	521.475	500.958	486.303	476.777
22.5	535.642	518.300	497.294	481.662	472.381
23.0	532.222	514.880	493.875	477.266	467.984
23.5	529.047	511.217	489.967	472.869	463.344
24.0	525.628	507.797	485.570	468.473	458.947
24.5	522.208	504.133	481.418	464.076	454.306
25.0	518.788	500.714	477.022	459.436	449.666
25.5	515.369	496.806	472.869	455.039	445.025
26.0	511.705	493.142	468.473	450.398	440.628
26.5	508.286	489.234	464.321	446.002	436.232

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CANDELA TABULATION - (Cont.)

27.0	504.378	485.570	459.924	441.605	431.591
27.5	500.714	481.418	455.772	437.209	426.706
28.0	497.050	477.510	451.375	432.812	422.309
28.5	493.386	473.602	446.979	428.171	417.913
29.0	489.478	469.450	442.827	423.531	413.516
29.5	485.326	465.298	438.430	418.890	409.120
30.0	481.418	461.145	434.033	414.493	404.479
30.5	477.266	457.237	429.881	410.097	399.838
31.0	473.114	453.085	425.485	405.456	395.198
31.5	468.717	448.689	420.844	400.815	390.801
32.0	464.565	444.536	416.447	396.175	386.160
32.5	460.168	440.140	412.051	391.534	381.520
33.0	456.016	435.743	407.410	386.893	376.879
33.5	451.620	431.347	403.014	382.497	372.238
34.0	447.223	426.950	398.617	377.856	367.597
34.5	443.071	422.309	393.732	373.215	362.957
35.0	438.674	417.913	389.336	368.330	358.316
35.5	434.278	413.272	384.695	363.689	353.919
36.0	429.637	408.876	380.298	359.293	349.279
36.5	425.240	404.235	375.658	354.652	344.882
37.0	420.844	399.594	371.017	349.767	340.241
37.5	416.203	394.953	366.376	345.370	336.089
38.0	411.807	390.313	361.735	340.730	331.448
38.5	407.166	385.672	357.339	336.333	327.052
39.0	402.525	381.031	352.454	331.692	322.655
39.5	397.884	376.390	347.813	327.296	318.259
40.0	392.999	371.750	343.172	322.655	313.862
40.5	388.114	367.109	338.531	318.503	309.710
41.0	383.474	362.468	333.891	314.106	305.069
41.5	378.589	357.583	329.250	309.710	300.673
42.0	373.704	352.942	324.853	305.069	296.520
42.5	369.063	348.057	320.213	300.673	292.124
43.0	364.178	343.416	315.816	296.520	287.972
43.5	359.293	338.531	310.931	292.368	283.819
44.0	354.408	333.891	306.535	287.972	279.667
44.5	349.523	329.250	301.894	283.575	275.515
45.0	344.882	324.365	297.497	279.423	271.363
45.5	339.997	319.724	293.101	275.271	267.210
46.0	335.112	315.083	288.704	271.118	263.302
46.5	330.471	310.198	284.064	266.966	259.150
47.0	325.586	305.558	279.667	262.814	255.242
47.5	320.945	300.917	275.515	258.417	251.334
48.0	316.060	296.276	271.118	254.509	247.182
48.5	311.175	291.635	266.966	250.357	243.420
49.0	306.535	286.750	262.325	246.449	239.488
49.5	301.650	282.110	258.173	242.272	235.555
50.0	297.009	277.713	253.776	238.193	231.623
50.5	292.124	273.072	249.624	234.334	227.886
51.0	287.483	268.432	245.228	230.548	224.173
51.5	282.598	263.791	241.100	226.689	220.119
52.0	277.957	259.394	236.801	222.708	216.308
52.5	273.072	254.753	232.551	218.727	212.645
53.0	268.432	250.357	228.350	214.794	208.737
53.5	263.547	245.960	224.344	211.106	205.195
54.0	258.906	241.344	220.290	207.467	201.458
54.5	254.265	236.825	216.162	203.730	197.794

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CANDELA TABULATION - (Cont.)

55.0	249.380	232.405	212.058	199.870	194.130
55.5	244.739	228.032	208.077	195.962	190.393
56.0	240.074	223.685	204.194	192.201	186.852
56.5	235.507	219.386	200.237	188.659	183.335
57.0	230.915	215.038	196.329	185.166	179.964
57.5	226.420	210.788	192.543	181.478	176.471
58.0	221.951	206.612	188.684	177.717	172.881
58.5	217.627	202.435	184.751	174.029	169.388
59.0	213.206	198.380	180.843	170.463	166.115
59.5	208.859	194.326	177.033	166.970	162.744
60.0	204.487	190.320	173.369	163.575	159.276
60.5	200.237	186.314	169.754	160.155	155.881
61.0	196.011	182.284	166.090	156.662	152.608
61.5	191.761	178.254	162.280	153.145	149.237
62.0	187.511	174.346	158.568	149.677	145.867
62.5	183.286	170.487	155.050	146.331	142.594
63.0	179.036	166.555	151.680	143.058	139.394
63.5	174.761	162.647	148.309	139.980	136.194
64.0	170.511	158.714	144.841	136.903	132.995
64.5	166.261	154.806	141.250	133.581	129.868
65.0	161.987	150.947	137.733	130.112	126.791
65.5	157.737	147.063	134.411	126.986	123.762
66.0	153.512	143.180	131.163	124.177	120.855
66.5	149.262	139.321	127.865	121.295	117.900
67.0	145.036	135.510	124.421	118.168	114.871
67.5	140.835	131.724	120.953	114.798	111.794
68.0	136.634	127.890	117.485	111.329	108.643
68.5	132.482	124.079	114.041	108.105	105.516
69.0	128.378	120.269	110.768	105.101	102.488
69.5	124.275	116.556	107.544	102.121	99.434
70.0	120.196	112.844	104.124	98.848	96.210
70.5	116.190	109.107	100.631	95.331	93.011
71.0	112.160	105.370	97.187	91.960	89.860
71.5	108.203	101.682	93.817	88.932	86.807
72.0	104.271	98.116	90.593	86.123	83.851
72.5	100.387	94.598	87.491	83.216	81.018
73.0	96.577	91.106	84.340	80.114	78.136
73.5	92.791	87.588	81.091	77.012	75.156
74.0	89.078	84.120	77.843	74.032	72.323
74.5	85.414	80.725	74.765	71.224	69.660
75.0	81.824	77.427	71.810	68.463	66.925
75.5	78.282	74.155	68.903	65.679	64.116
76.0	74.790	70.906	65.923	62.919	61.453
76.5	71.346	67.633	62.968	60.086	58.840
77.0	67.926	64.433	59.988	57.301	56.129
77.5	64.580	61.283	57.155	54.566	53.369
78.0	61.234	58.156	54.395	51.903	50.755
78.5	57.936	55.079	51.635	49.265	48.264
79.0	54.737	52.074	48.875	46.676	45.797
79.5	51.561	49.119	46.163	44.136	43.354
80.0	48.459	46.212	43.525	41.596	40.888
80.5	45.382	43.354	40.912	39.080	38.372
81.0	42.402	40.546	38.274	36.613	35.905
81.5	39.495	37.810	35.734	34.220	33.560
82.0	36.638	35.172	33.316	31.924	31.313
82.5	33.853	32.583	30.922	29.701	29.139

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CANDELA TABULATION - (Cont.)

83.0	31.118	30.018	28.577	27.454	27.014
83.5	28.431	27.478	26.208	25.231	24.889
84.0	25.817	25.036	23.839	23.033	22.715
84.5	23.277	22.642	21.543	20.883	20.615
85.0	20.786	20.297	19.394	18.807	18.685
85.5	18.343	17.977	17.293	16.853	16.878
86.0	15.974	15.681	15.241	15.046	15.046
86.5	13.678	13.483	13.190	13.141	13.190
87.0	11.431	11.358	11.187	11.187	11.260
87.5	9.282	9.208	9.233	9.355	9.404
88.0	7.205	7.254	7.474	7.645	7.718
88.5	5.276	5.447	5.862	5.911	5.960
89.0	3.566	3.835	4.079	3.688	3.664
89.5	2.467	2.540	1.905	1.807	2.003
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-L4-935-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-L4-935-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	210.93	N.A.	15.70
0-30	431.84	N.A.	32.10
0-40	677.78	N.A.	50.40
0-60	1105.11	N.A.	82.20
0-80	1322.38	N.A.	98.30
0-90	1344.64	N.A.	100.00
10-90	1288.75	N.A.	95.80
20-40	466.85	N.A.	34.70
20-50	700.23	N.A.	52.10
40-70	566.95	N.A.	42.20
60-80	217.27	N.A.	16.20
70-80	77.65	N.A.	5.80
80-90	22.26	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	1344.64	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	55.89
10-20	155.04
20-30	220.91
30-40	245.94
40-50	233.38
50-60	193.94
60-70	139.62
70-80	77.65
80-90	22.26
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-L4-935-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	58	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	35	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-L4-935-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

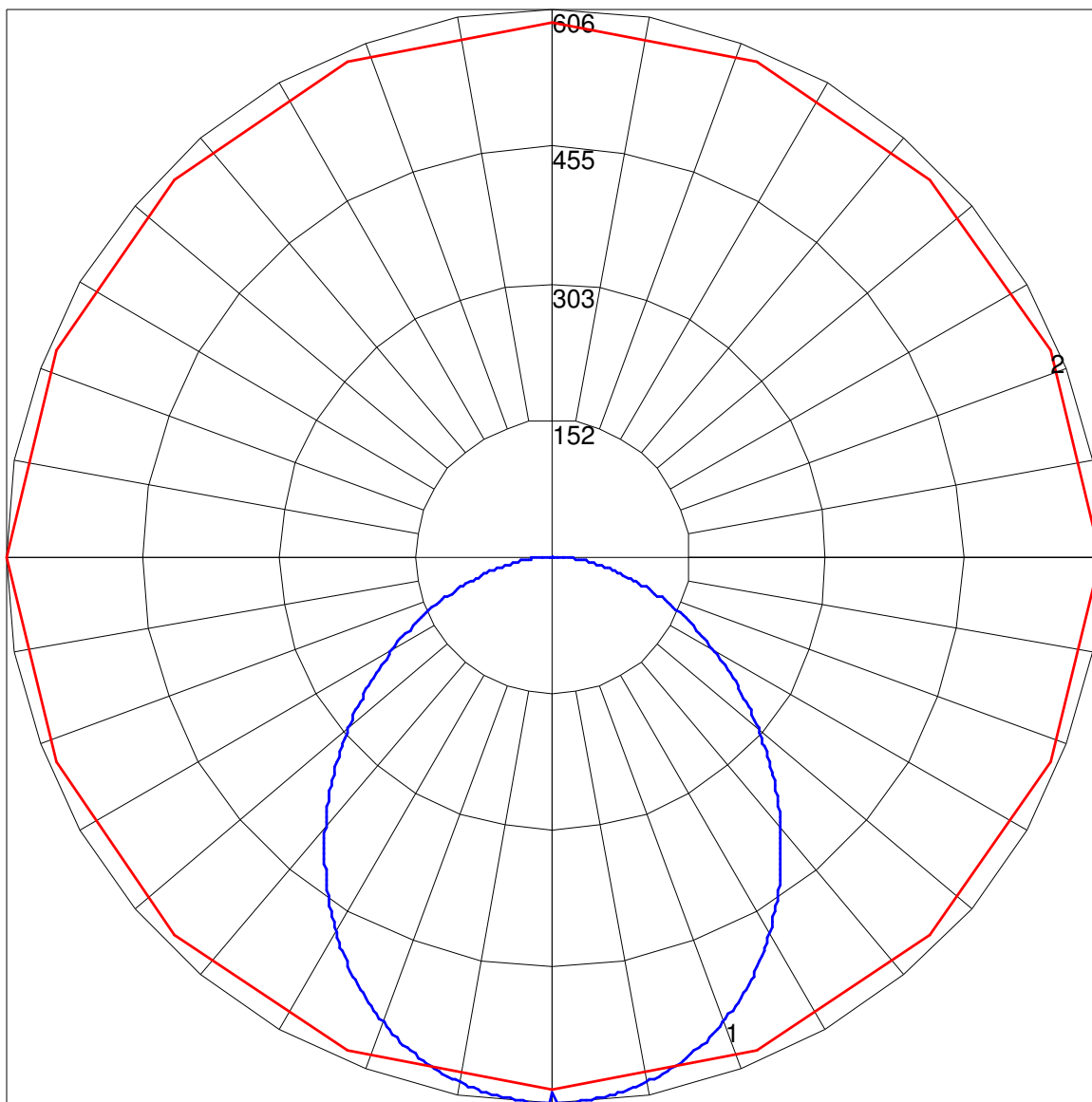
Reflectances

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	18.5	20.1	18.9	20.4	20.7	17.4	18.9	17.7	19.2	19.6
	3H	20.2	21.7	20.6	22.0	22.3	19.0	20.4	19.4	20.8	21.1
	4H	20.9	22.2	21.3	22.5	22.9	19.6	21.0	20.0	21.3	21.7
	6H	21.3	22.5	21.7	22.9	23.3	20.1	21.3	20.5	21.7	22.1
	8H	21.5	22.6	21.9	23.0	23.4	20.3	21.4	20.7	21.8	22.2
	12H	21.5	22.7	22.0	23.0	23.5	20.4	21.5	20.8	21.9	22.3
4H	2H	19.0	20.3	19.4	20.6	21.0	18.0	19.4	18.4	19.7	20.1
	3H	20.9	22.0	21.3	22.4	22.8	19.9	21.0	20.3	21.4	21.8
	4H	21.7	22.7	22.1	23.1	23.5	20.6	21.6	21.1	22.1	22.5
	6H	22.3	23.1	22.7	23.6	24.0	21.2	22.1	21.7	22.5	23.0
	8H	22.4	23.3	22.9	23.7	24.2	21.4	22.2	21.9	22.7	23.2
	12H	22.6	23.3	23.1	23.8	24.3	21.6	22.3	22.1	22.8	23.3
8H	4H	21.9	22.7	22.3	23.1	23.6	21.0	21.8	21.4	22.2	22.7
	6H	22.6	23.3	23.1	23.7	24.2	21.7	22.4	22.2	22.8	23.3
	8H	22.8	23.4	23.3	24.0	24.4	21.9	22.6	22.4	23.1	23.5
	12H	23.1	23.6	23.6	24.1	24.6	22.2	22.7	22.7	23.2	23.8
12H	4H	21.9	22.6	22.4	23.1	23.6	21.0	21.7	21.5	22.2	22.7
	6H	22.6	23.2	23.1	23.7	24.2	21.7	22.4	22.3	22.8	23.4
	8H	22.9	23.5	23.4	24.0	24.5	22.1	22.6	22.6	23.1	23.7

Maximum UGR = 24.6

POLAR GRAPH



Maximum Candela = 606.23 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.)