



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-2-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] LRX2-2-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	802
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	111
Total Luminaire Watts	7.2
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)	2.00 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

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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	355.283	355.283	355.283	355.283	355.283
0.5	361.547	355.575	353.535	354.409	352.661
1.0	361.547	355.429	353.535	354.409	352.516
1.5	361.401	355.429	353.390	354.264	352.370
2.0	361.256	355.138	353.098	354.118	351.933
2.5	361.110	354.846	352.953	353.681	351.642
3.0	360.819	354.555	352.516	353.390	351.059
3.5	360.527	354.264	352.079	352.807	350.476
4.0	360.236	353.972	351.642	352.370	350.039
4.5	359.945	353.535	351.205	351.787	349.311
5.0	359.653	353.098	350.476	351.059	348.583
5.5	359.071	352.516	349.894	350.185	347.563
6.0	358.634	351.933	349.165	349.457	346.689
6.5	358.197	351.496	348.437	348.437	345.669
7.0	357.614	350.768	347.709	347.417	344.650
7.5	357.031	350.185	346.835	346.398	343.484
8.0	356.449	349.311	345.961	345.232	342.465
8.5	355.720	348.583	344.941	344.067	341.154
9.0	354.992	347.854	343.921	342.756	339.843
9.5	354.264	346.980	342.756	341.299	338.386
10.0	353.535	346.106	341.591	339.988	337.075
10.5	352.661	345.232	340.425	338.531	335.327
11.0	351.787	344.213	339.114	337.075	333.724
11.5	350.768	343.193	337.803	335.472	332.122
12.0	349.748	342.028	336.346	333.870	330.374
12.5	348.874	340.862	334.890	332.122	328.480
13.0	347.709	339.697	333.433	330.374	326.732
13.5	346.543	338.386	331.831	328.480	324.839
14.0	345.524	337.075	330.374	326.732	322.945
14.5	344.213	335.764	328.626	324.839	320.906
15.0	343.047	334.453	327.024	322.799	319.012
15.5	341.736	332.996	325.130	320.760	316.827
16.0	340.717	331.685	323.382	318.721	314.642
16.5	339.697	330.228	321.488	316.536	312.457
17.0	338.386	328.772	319.595	314.351	310.272
17.5	336.492	327.315	317.701	312.166	307.941
18.0	334.744	326.004	315.807	309.835	305.465
18.5	332.996	324.256	313.768	307.504	302.989
19.0	331.539	322.362	311.729	305.028	300.512
19.5	329.937	320.469	309.689	302.552	297.890
20.0	328.335	318.575	307.504	300.221	295.123
20.5	326.587	316.681	305.465	297.745	292.501
21.0	324.839	314.933	303.280	295.123	289.733
21.5	323.091	313.040	301.095	292.646	287.111
22.0	321.197	311.000	298.764	290.024	284.343
22.5	319.449	309.107	296.579	287.257	281.721
23.0	317.410	307.067	294.540	284.634	279.099
23.5	315.516	304.882	292.209	282.012	276.331
24.0	313.477	302.843	289.587	279.390	273.709
24.5	311.437	300.658	287.111	276.768	270.942
25.0	309.398	298.619	284.489	274.001	268.174
25.5	307.359	296.288	282.012	271.379	265.406
26.0	305.174	294.103	279.390	268.611	262.784
26.5	303.134	291.772	276.914	265.989	260.162

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CANDELA TABULATION - (Cont.)

27.0	300.804	289.587	274.292	263.367	257.395
27.5	298.619	287.111	271.816	260.745	254.481
28.0	296.434	284.780	269.194	258.123	251.859
28.5	294.249	282.449	266.572	255.355	249.237
29.0	291.918	279.973	264.095	252.588	246.615
29.5	289.442	277.497	261.473	249.820	243.993
30.0	287.111	275.020	258.851	247.198	241.226
30.5	284.634	272.690	256.375	244.576	238.458
31.0	282.158	270.213	253.753	241.808	235.690
31.5	279.536	267.591	250.985	239.041	233.068
32.0	277.060	265.115	248.363	236.273	230.300
32.5	274.438	262.493	245.741	233.505	227.533
33.0	271.961	259.871	242.974	230.737	224.765
33.5	269.339	257.249	240.352	228.115	221.997
34.0	266.717	254.627	237.730	225.348	219.230
34.5	264.241	251.859	234.816	222.580	216.462
35.0	261.619	249.237	232.194	219.667	213.694
35.5	258.997	246.470	229.426	216.899	211.072
36.0	256.229	243.848	226.804	214.277	208.305
36.5	253.607	241.080	224.037	211.509	205.683
37.0	250.985	238.312	221.269	208.596	202.915
37.5	248.218	235.545	218.501	205.974	200.439
38.0	245.596	232.777	215.734	203.206	197.671
38.5	242.828	230.009	213.112	200.584	195.049
39.0	240.060	227.241	210.198	197.817	192.427
39.5	237.293	224.474	207.431	195.195	189.805
40.0	234.379	221.706	204.663	192.427	187.183
40.5	231.466	218.938	201.895	189.951	184.707
41.0	228.698	216.171	199.128	187.329	181.939
41.5	225.785	213.257	196.360	184.707	179.317
42.0	222.871	210.490	193.738	181.939	176.840
42.5	220.104	207.576	190.970	179.317	174.218
43.0	217.190	204.809	188.348	176.840	171.742
43.5	214.277	201.895	185.435	174.364	169.266
44.0	211.364	199.128	182.813	171.742	166.789
44.5	208.450	196.360	180.045	169.120	164.313
45.0	205.683	193.447	177.423	166.644	161.837
45.5	202.769	190.679	174.801	164.167	159.360
46.0	199.856	187.911	172.179	161.691	157.030
46.5	197.088	184.998	169.411	159.215	154.553
47.0	194.175	182.230	166.789	156.738	152.223
47.5	191.407	179.462	164.313	154.116	149.892
48.0	188.494	176.695	161.691	151.786	147.416
48.5	185.581	173.927	159.215	149.309	145.172
49.0	182.813	171.014	156.447	146.979	142.827
49.5	179.899	168.246	153.971	144.488	140.482
50.0	177.132	165.624	151.349	142.055	138.137
50.5	174.218	162.856	148.872	139.753	135.908
51.0	171.451	160.089	146.250	137.496	133.694
51.5	168.537	157.321	143.788	135.194	131.276
52.0	165.770	154.699	141.225	132.820	129.003
52.5	162.856	151.931	138.690	130.445	126.818
53.0	160.089	149.309	136.185	128.100	124.488
53.5	157.175	146.687	133.796	125.901	122.375
54.0	154.408	143.934	131.378	123.730	120.147
54.5	151.640	141.239	128.916	121.501	117.962

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CANDELA TABULATION - (Cont.)

55.0	148.727	138.603	126.469	119.200	115.777
55.5	145.959	135.995	124.094	116.869	113.548
56.0	143.177	133.402	121.778	114.626	111.436
56.5	140.453	130.839	119.418	112.514	109.338
57.0	137.714	128.246	117.088	110.431	107.328
57.5	135.034	125.711	114.830	108.231	105.245
58.0	132.368	123.220	112.528	105.988	103.104
58.5	129.790	120.729	110.183	103.788	101.020
59.0	127.153	118.311	107.852	101.661	99.069
59.5	124.560	115.893	105.580	99.578	97.058
60.0	121.953	113.504	103.395	97.554	94.990
60.5	119.418	111.115	101.239	95.514	92.965
61.0	116.898	108.712	99.054	93.431	91.013
61.5	114.364	106.308	96.782	91.334	89.003
62.0	111.829	103.978	94.567	89.265	86.993
62.5	109.309	101.676	92.470	87.269	85.041
63.0	106.774	99.331	90.460	85.318	83.132
63.5	104.225	97.000	88.449	83.482	81.224
64.0	101.691	94.655	86.381	81.647	79.316
64.5	99.156	92.324	84.240	79.666	77.451
65.0	96.607	90.023	82.142	77.597	75.616
65.5	94.072	87.706	80.161	75.733	73.810
66.0	91.552	85.390	78.223	74.057	72.076
66.5	89.017	83.089	76.257	72.339	70.314
67.0	86.497	80.816	74.203	70.474	68.507
67.5	83.992	78.559	72.135	68.464	66.672
68.0	81.486	76.272	70.066	66.395	64.793
68.5	79.010	73.999	68.012	64.472	62.928
69.0	76.563	71.727	66.060	62.681	61.122
69.5	74.116	69.513	64.137	60.904	59.301
70.0	71.683	67.298	62.098	58.952	57.378
70.5	69.294	65.070	60.015	56.854	55.470
71.0	66.891	62.841	57.961	54.844	53.591
71.5	64.531	60.641	55.951	53.038	51.770
72.0	62.185	58.515	54.028	51.362	50.008
72.5	59.869	56.417	52.178	49.629	48.318
73.0	57.597	54.334	50.299	47.779	46.599
73.5	55.339	52.236	48.362	45.929	44.822
74.0	53.125	50.168	46.424	44.152	43.132
74.5	50.940	48.143	44.589	42.477	41.544
75.0	48.799	46.177	42.826	40.831	39.913
75.5	46.686	44.225	41.093	39.170	38.238
76.0	44.603	42.287	39.316	37.524	36.650
76.5	42.550	40.335	37.553	35.834	35.091
77.0	40.510	38.427	35.776	34.174	33.474
77.5	38.515	36.548	34.086	32.542	31.828
78.0	36.519	34.683	32.440	30.954	30.270
78.5	34.552	32.848	30.794	29.381	28.784
79.0	32.644	31.056	29.148	27.837	27.313
79.5	30.750	29.294	27.531	26.322	25.856
80.0	28.900	27.560	25.958	24.807	24.385
80.5	27.065	25.856	24.399	23.307	22.884
81.0	25.288	24.181	22.826	21.836	21.413
81.5	23.554	22.549	21.311	20.408	20.015
82.0	21.850	20.976	19.869	19.039	18.675
82.5	20.190	19.432	18.442	17.713	17.378

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CANDELA TABULATION - (Cont.)

83.0	18.558	17.903	17.043	16.373	16.111
83.5	16.956	16.388	15.630	15.047	14.844
84.0	15.397	14.931	14.217	13.736	13.547
84.5	13.882	13.503	12.848	12.455	12.294
85.0	12.396	12.105	11.566	11.216	11.144
85.5	10.940	10.721	10.313	10.051	10.066
86.0	9.527	9.352	9.090	8.973	8.973
86.5	8.157	8.041	7.866	7.837	7.866
87.0	6.817	6.774	6.672	6.672	6.715
87.5	5.535	5.492	5.506	5.579	5.608
88.0	4.297	4.326	4.457	4.559	4.603
88.5	3.146	3.248	3.496	3.525	3.554
89.0	2.127	2.287	2.433	2.200	2.185
89.5	1.471	1.515	1.136	1.078	1.194
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 : LRX2-2-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 : LRX2-2-L4-830-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	125.80	N.A.	15.70
0-30	257.54	N.A.	32.10
0-40	404.22	N.A.	50.40
0-60	659.07	N.A.	82.20
0-80	788.65	N.A.	98.30
0-90	801.92	N.A.	100.00
10-90	768.59	N.A.	95.80
20-40	278.42	N.A.	34.70
20-50	417.61	N.A.	52.10
40-70	338.12	N.A.	42.20
60-80	129.58	N.A.	16.20
70-80	46.31	N.A.	5.80
80-90	13.27	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	801.92	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	33.33
10-20	92.47
20-30	131.75
30-40	146.68
40-50	139.19
50-60	115.67
60-70	83.27
70-80	46.31
80-90	13.27
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 : LRX2-2-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 : LRX2-2-L4-830-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

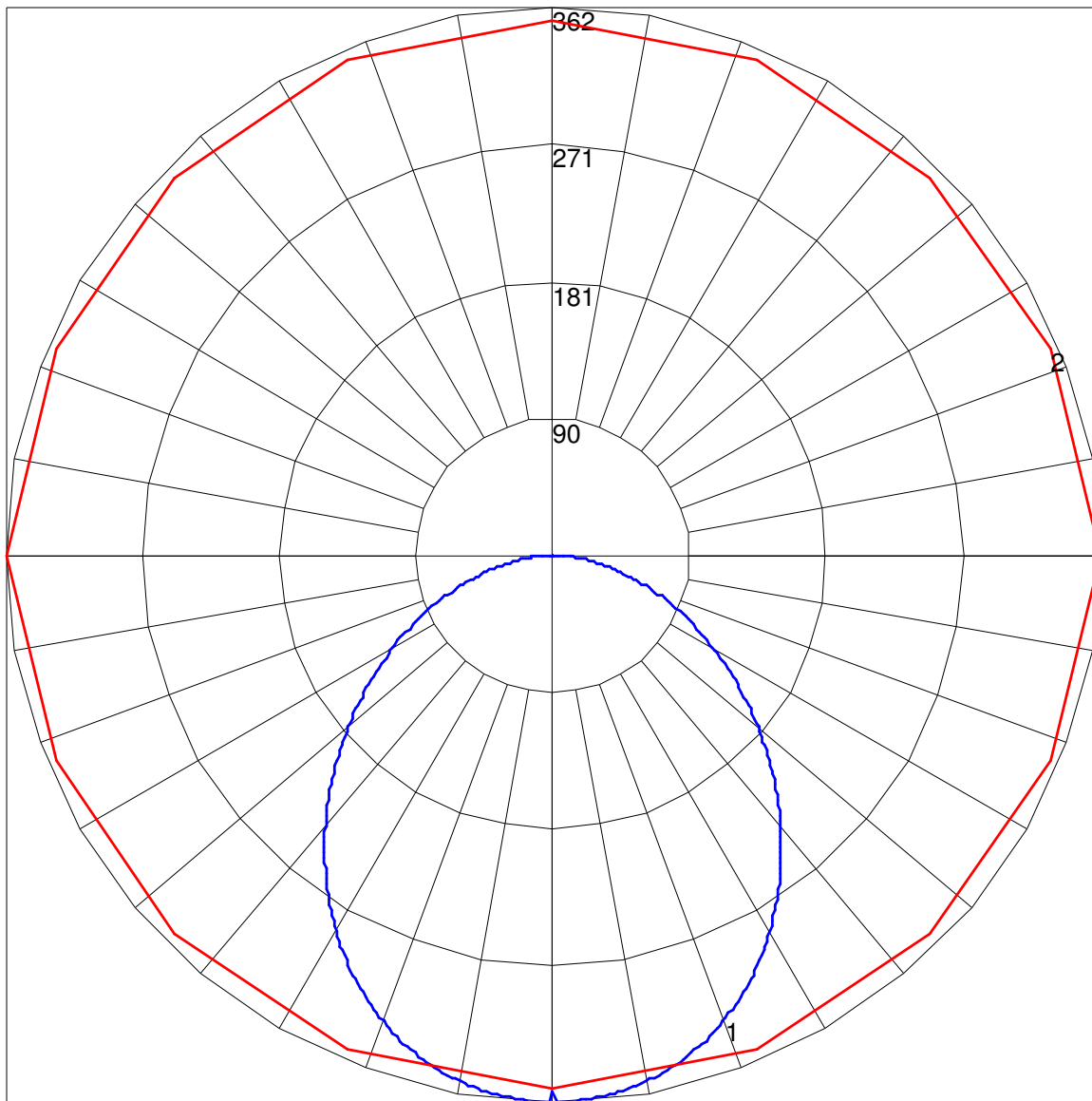
Reflectances

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					UGR Viewed Endwise				
X=2H	Y=2H	19.1	20.7	19.5	21.0	21.3	18.0	19.5	18.3	19.9	20.2
	3H	20.9	22.3	21.2	22.6	23.0	19.6	21.1	20.0	21.4	21.7
	4H	21.5	22.8	21.9	23.1	23.5	20.2	21.6	20.6	21.9	22.3
	6H	21.9	23.1	22.3	23.5	23.9	20.7	21.9	21.1	22.3	22.7
	8H	22.1	23.2	22.5	23.6	24.0	20.9	22.0	21.3	22.4	22.8
	12H	22.1	23.3	22.6	23.7	24.1	21.0	22.1	21.4	22.5	22.9
4H	2H	19.6	20.9	20.0	21.3	21.6	18.6	20.0	19.0	20.3	20.7
	3H	21.5	22.6	21.9	23.0	23.4	20.5	21.6	20.9	22.0	22.4
	4H	22.3	23.3	22.7	23.7	24.1	21.3	22.3	21.7	22.7	23.1
	6H	22.9	23.7	23.3	24.2	24.6	21.8	22.7	22.3	23.2	23.6
	8H	23.1	23.9	23.5	24.3	24.8	22.0	22.9	22.5	23.3	23.8
	12H	23.2	23.9	23.7	24.4	24.9	22.2	22.9	22.7	23.4	23.9
8H	4H	22.5	23.3	23.0	23.8	24.2	21.6	22.4	22.1	22.8	23.3
	6H	23.2	23.9	23.7	24.4	24.8	22.3	23.0	22.8	23.5	23.9
	8H	23.4	24.1	24.0	24.6	25.1	22.5	23.2	23.1	23.7	24.2
	12H	23.7	24.2	24.2	24.7	25.3	22.8	23.3	23.3	23.8	24.4
12H	4H	22.5	23.2	23.0	23.7	24.2	21.6	22.4	22.1	22.8	23.3
	6H	23.2	23.8	23.7	24.3	24.8	22.4	23.0	22.9	23.4	24.0
	8H	23.5	24.1	24.0	24.6	25.1	22.7	23.2	23.2	23.7	24.3

Maximum UGR = 25.3

POLAR GRAPH



Maximum Candela = 361.547 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.)