



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-2-L4-835-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-L4-835-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	810
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	113
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	9460	8160	7443
55	8433	7171	6565
65	7434	6321	5819
75	6132	5381	5015
85	4626	4316	4158

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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	358.872	358.872	358.872	358.872	358.872
0.5	365.199	359.166	357.106	357.989	356.224
1.0	365.199	359.019	357.106	357.989	356.076
1.5	365.052	359.019	356.959	357.842	355.929
2.0	364.905	358.725	356.665	357.695	355.488
2.5	364.758	358.431	356.518	357.253	355.194
3.0	364.463	358.136	356.076	356.959	354.605
3.5	364.169	357.842	355.635	356.371	354.016
4.0	363.875	357.548	355.194	355.929	353.575
4.5	363.580	357.106	354.752	355.341	352.839
5.0	363.286	356.665	354.016	354.605	352.104
5.5	362.698	356.076	353.428	353.722	351.074
6.0	362.256	355.488	352.692	352.986	350.191
6.5	361.815	355.046	351.956	351.956	349.161
7.0	361.226	354.311	351.221	350.927	348.131
7.5	360.638	353.722	350.338	349.897	346.954
8.0	360.049	352.839	349.455	348.719	345.924
8.5	359.313	352.104	348.425	347.542	344.600
9.0	358.578	351.368	347.395	346.218	343.275
9.5	357.842	350.485	346.218	344.747	341.804
10.0	357.106	349.602	345.041	343.422	340.480
10.5	356.224	348.719	343.864	341.951	338.714
11.0	355.341	347.689	342.540	340.480	337.095
11.5	354.311	346.659	341.215	338.861	335.477
12.0	353.281	345.482	339.744	337.243	333.711
12.5	352.398	344.305	338.273	335.477	331.798
13.0	351.221	343.128	336.801	333.711	330.033
13.5	350.044	341.804	335.183	331.798	328.120
14.0	349.014	340.480	333.711	330.033	326.207
14.5	347.689	339.155	331.946	328.120	324.147
15.0	346.512	337.831	330.327	326.060	322.234
15.5	345.188	336.360	328.414	324.000	320.027
16.0	344.158	335.035	326.649	321.940	317.820
16.5	343.128	333.564	324.736	319.733	315.613
17.0	341.804	332.093	322.823	317.526	313.406
17.5	339.891	330.621	320.910	315.319	311.052
18.0	338.125	329.297	318.997	312.965	308.550
18.5	336.360	327.531	316.937	310.610	306.049
19.0	334.888	325.619	314.877	308.109	303.548
19.5	333.270	323.706	312.818	305.608	300.899
20.0	331.651	321.793	310.610	303.253	298.104
20.5	329.886	319.880	308.550	300.752	295.455
21.0	328.120	318.115	306.343	298.104	292.659
21.5	326.354	316.202	304.136	295.602	290.011
22.0	324.441	314.142	301.782	292.954	287.215
22.5	322.676	312.229	299.575	290.158	284.567
23.0	320.616	310.169	297.515	287.510	281.918
23.5	318.703	307.962	295.161	284.861	279.123
24.0	316.643	305.902	292.512	282.213	276.474
24.5	314.583	303.695	290.011	279.564	273.679
25.0	312.523	301.635	287.362	276.768	270.883
25.5	310.463	299.281	284.861	274.120	268.087
26.0	308.256	297.074	282.213	271.324	265.439
26.5	306.196	294.719	279.711	268.676	262.790

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CANDELA TABULATION - (Cont.)

27.0	303.842	292.512	277.063	266.027	259.995
27.5	301.635	290.011	274.561	263.379	257.052
28.0	299.428	287.657	271.913	260.730	254.403
28.5	297.221	285.303	269.264	257.935	251.755
29.0	294.867	282.801	266.763	255.139	249.106
29.5	292.365	280.300	264.115	252.343	246.458
30.0	290.011	277.798	261.466	249.695	243.662
30.5	287.510	275.444	258.965	247.046	240.867
31.0	285.008	272.943	256.316	244.251	238.071
31.5	282.360	270.294	253.520	241.455	235.422
32.0	279.858	267.793	250.872	238.659	232.627
32.5	277.210	265.144	248.223	235.864	229.831
33.0	274.709	262.496	245.428	233.068	227.035
33.5	272.060	259.847	242.779	230.420	224.240
34.0	269.412	257.199	240.131	227.624	221.444
34.5	266.910	254.403	237.188	224.828	218.649
35.0	264.262	251.755	234.540	221.886	215.853
35.5	261.613	248.959	231.744	219.090	213.204
36.0	258.817	246.311	229.095	216.441	210.409
36.5	256.169	243.515	226.300	213.646	207.760
37.0	253.520	240.719	223.504	210.703	204.965
37.5	250.725	237.924	220.708	208.055	202.463
38.0	248.076	235.128	217.913	205.259	199.668
38.5	245.281	232.332	215.264	202.610	197.019
39.0	242.485	229.537	212.322	199.815	194.371
39.5	239.689	226.741	209.526	197.166	191.722
40.0	236.747	223.946	206.730	194.371	189.074
40.5	233.804	221.150	203.935	191.869	186.572
41.0	231.008	218.354	201.139	189.221	183.777
41.5	228.065	215.411	198.343	186.572	181.128
42.0	225.123	212.616	195.695	183.777	178.627
42.5	222.327	209.673	192.899	181.128	175.978
43.0	219.384	206.877	190.251	178.627	173.477
43.5	216.441	203.935	187.308	176.125	170.976
44.0	213.499	201.139	184.659	173.477	168.474
44.5	210.556	198.343	181.864	170.828	165.973
45.0	207.760	195.401	179.215	168.327	163.471
45.5	204.817	192.605	176.567	165.826	160.970
46.0	201.875	189.809	173.918	163.324	158.616
46.5	199.079	186.867	171.123	160.823	156.114
47.0	196.136	184.071	168.474	158.322	153.760
47.5	193.341	181.275	165.973	155.673	151.406
48.0	190.398	178.480	163.324	153.319	148.905
48.5	187.455	175.684	160.823	150.817	146.639
49.0	184.659	172.741	158.027	148.463	144.270
49.5	181.717	169.946	155.526	145.947	141.901
50.0	178.921	167.297	152.877	143.490	139.532
50.5	175.978	164.501	150.376	141.165	137.281
51.0	173.183	161.706	147.728	138.885	135.044
51.5	170.240	158.910	145.241	136.560	132.602
52.0	167.444	156.262	142.651	134.161	130.306
52.5	164.501	153.466	140.091	131.763	128.099
53.0	161.706	150.817	137.560	129.394	125.745
53.5	158.763	148.169	135.147	127.172	123.611
54.0	155.967	145.388	132.705	124.980	121.360
54.5	153.172	142.666	130.218	122.729	119.153

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CANDELA TABULATION - (Cont.)

55.0	150.229	140.003	127.746	120.404	116.946
55.5	147.433	137.369	125.348	118.050	114.695
56.0	144.623	134.750	123.008	115.784	112.561
56.5	141.871	132.160	120.625	113.650	110.443
57.0	139.105	129.541	118.270	111.546	108.412
57.5	136.398	126.981	115.990	109.324	106.308
58.0	133.705	124.465	113.665	107.058	104.145
58.5	131.101	121.949	111.296	104.837	102.041
59.0	128.438	119.506	108.942	102.688	100.069
59.5	125.819	117.064	106.646	100.584	98.039
60.0	123.185	114.651	104.439	98.539	95.949
60.5	120.625	112.238	102.262	96.479	93.904
61.0	118.079	109.810	100.055	94.375	91.932
61.5	115.519	107.382	97.759	92.256	89.902
62.0	112.959	105.028	95.523	90.167	87.871
62.5	110.413	102.703	93.404	88.151	85.900
63.0	107.853	100.334	91.373	86.179	83.972
63.5	105.278	97.980	89.343	84.325	82.045
64.0	102.718	95.611	87.253	82.471	80.117
64.5	100.158	93.257	85.090	80.470	78.234
65.0	97.583	90.932	82.972	78.381	76.380
65.5	95.022	88.592	80.971	76.498	74.555
66.0	92.477	86.253	79.014	74.805	72.804
66.5	89.917	83.928	77.027	73.069	71.024
67.0	87.371	81.633	74.953	71.186	69.199
67.5	84.840	79.352	72.863	69.155	67.346
68.0	82.310	77.042	70.774	67.066	65.447
68.5	79.808	74.747	68.699	65.124	63.564
69.0	77.336	72.451	66.728	63.314	61.740
69.5	74.864	70.215	64.785	61.519	59.900
70.0	72.407	67.978	62.725	59.547	57.958
70.5	69.994	65.727	60.621	57.428	56.031
71.0	67.566	63.476	58.547	55.398	54.132
71.5	65.183	61.254	56.516	53.573	52.293
72.0	62.814	59.106	54.574	51.881	50.513
72.5	60.474	56.987	52.705	50.130	48.806
73.0	58.179	54.883	50.807	48.262	47.070
73.5	55.898	52.764	48.850	46.393	45.275
74.0	53.662	50.675	46.893	44.598	43.568
74.5	51.455	48.629	45.039	42.906	41.964
75.0	49.292	46.643	43.259	41.243	40.316
75.5	47.158	44.671	41.508	39.566	38.624
76.0	45.054	42.714	39.713	37.903	37.020
76.5	42.979	40.743	37.932	36.196	35.446
77.0	40.919	38.815	36.137	34.519	33.813
77.5	38.904	36.917	34.431	32.871	32.150
78.0	36.888	35.034	32.768	31.267	30.575
78.5	34.901	33.180	31.105	29.678	29.075
79.0	32.974	31.370	29.443	28.118	27.589
79.5	31.061	29.590	27.809	26.588	26.117
80.0	29.192	27.839	26.220	25.058	24.631
80.5	27.338	26.117	24.646	23.542	23.116
81.0	25.543	24.425	23.057	22.056	21.629
81.5	23.792	22.777	21.526	20.614	20.217
82.0	22.071	21.188	20.070	19.231	18.863
82.5	20.393	19.628	18.628	17.892	17.554

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CANDELA TABULATION - (Cont.)

83.0	18.746	18.083	17.215	16.538	16.274
83.5	17.127	16.553	15.788	15.199	14.993
84.0	15.553	15.082	14.361	13.875	13.684
84.5	14.022	13.640	12.978	12.580	12.419
85.0	12.522	12.227	11.683	11.330	11.256
85.5	11.050	10.829	10.417	10.153	10.167
86.0	9.623	9.446	9.181	9.064	9.064
86.5	8.240	8.122	7.946	7.916	7.946
87.0	6.886	6.842	6.739	6.739	6.783
87.5	5.591	5.547	5.562	5.635	5.665
88.0	4.341	4.370	4.502	4.605	4.650
88.5	3.178	3.281	3.531	3.561	3.590
89.0	2.148	2.310	2.457	2.222	2.207
89.5	1.486	1.530	1.148	1.089	1.207
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-L4-835-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-L4-835-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	127.07	N.A.	15.70
0-30	260.14	N.A.	32.10
0-40	408.30	N.A.	50.40
0-60	665.73	N.A.	82.20
0-80	796.62	N.A.	98.30
0-90	810.02	N.A.	100.00
10-90	776.35	N.A.	95.80
20-40	281.23	N.A.	34.70
20-50	421.83	N.A.	52.10
40-70	341.54	N.A.	42.20
60-80	130.89	N.A.	16.20
70-80	46.78	N.A.	5.80
80-90	13.41	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	810.02	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	33.67
10-20	93.40
20-30	133.08
30-40	148.16
40-50	140.59
50-60	116.83
60-70	84.11
70-80	46.78
80-90	13.41
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-L4-835-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 : LRX2-2-L4-835-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

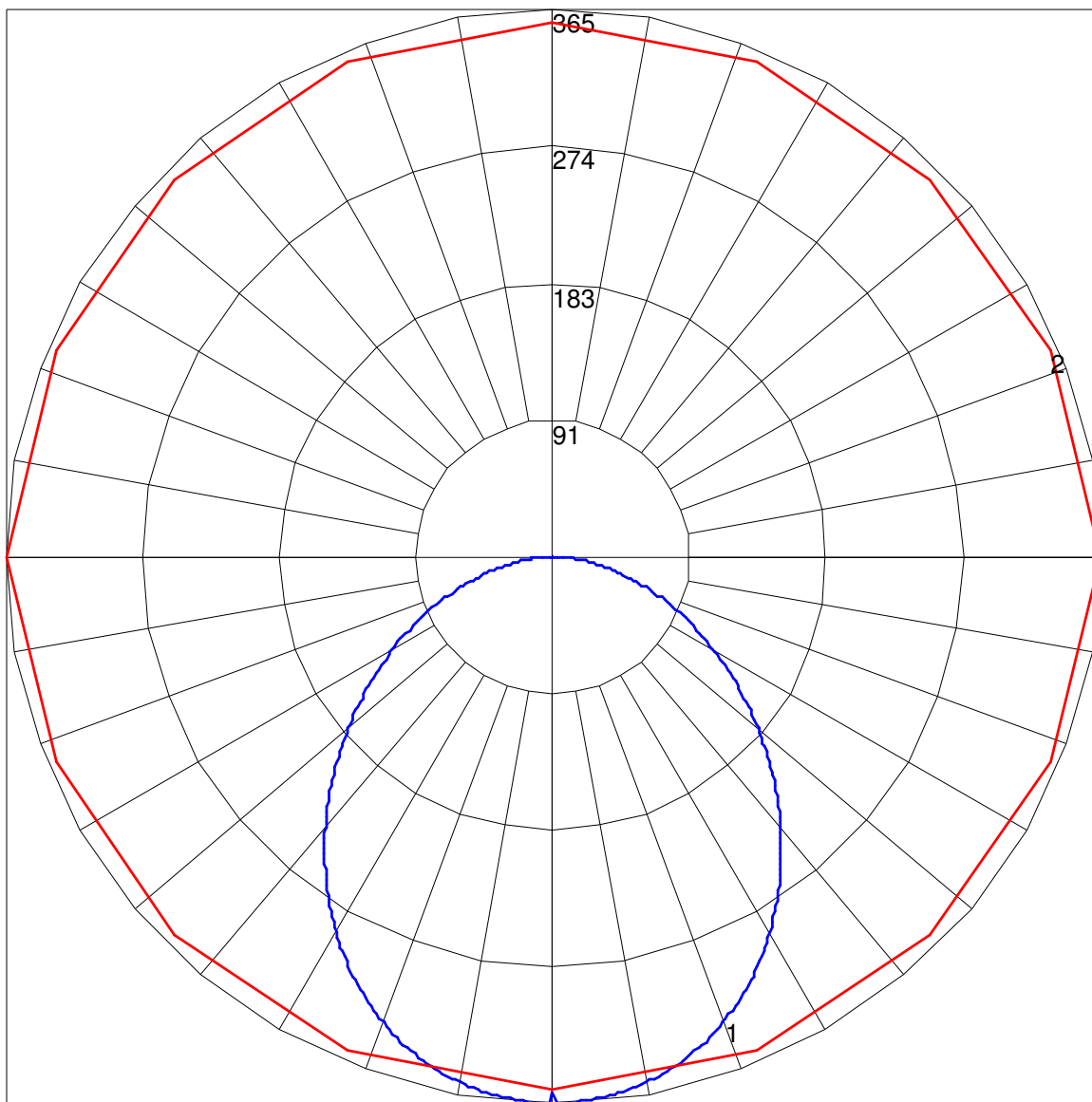
Reflectances

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	19.2	20.8	19.6	21.1	21.4	18.1	19.6	18.4	20.0	20.3
	3H	21.0	22.4	21.3	22.7	23.1	19.7	21.2	20.1	21.5	21.8
	4H	21.6	22.9	22.0	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	22.2	23.3	22.6	23.7	24.1	21.0	22.1	21.4	22.5	22.9
	12H	22.2	23.4	22.7	23.8	24.2	21.1	22.2	21.5	22.6	23.0
4H	2H	19.7	21.0	20.1	21.4	21.7	18.7	20.1	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	21.4	22.4	21.8	22.8	23.2
	6H	23.0	23.8	23.4	24.3	24.7	21.9	22.8	22.4	23.3	23.7
	8H	23.2	24.0	23.6	24.4	24.9	22.1	23.0	22.6	23.4	23.9
	12H	23.3	24.0	23.8	24.5	25.0	22.3	23.0	22.8	23.5	24.0
8H	4H	22.6	23.4	23.1	23.9	24.3	21.7	22.5	22.2	22.9	23.4
	6H	23.3	24.0	23.8	24.5	24.9	22.4	23.1	22.9	23.6	24.0
	8H	23.5	24.2	24.1	24.7	25.2	22.6	23.3	23.2	23.8	24.3
	12H	23.8	24.3	24.3	24.8	25.4	22.9	23.4	23.4	23.9	24.5
12H	4H	22.6	23.3	23.1	23.8	24.3	21.7	22.5	22.2	22.9	23.4
	6H	23.3	23.9	23.8	24.4	24.9	22.5	23.1	23.0	23.5	24.1
	8H	23.6	24.2	24.2	24.7	25.2	22.8	23.3	23.3	23.8	24.4

Maximum UGR = 25.4

POLAR GRAPH



Maximum Candela = 365.199 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.)