



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-2-L4-850-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-L4-850-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	859
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	119
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	10028	8650	7890
55	8939	7601	6959
65	7880	6700	6168
75	6500	5704	5316
85	4903	4575	4408

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-2-L4-850-DMA-DIM-UNV_.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	380.404	380.404	380.404	380.404	380.404
0.5	387.111	380.716	378.533	379.468	377.597
1.0	387.111	380.560	378.533	379.468	377.441
1.5	386.955	380.560	378.377	379.312	377.285
2.0	386.799	380.248	378.065	379.156	376.817
2.5	386.643	379.936	377.909	378.689	376.505
3.0	386.331	379.624	377.441	378.377	375.881
3.5	386.019	379.312	376.973	377.753	375.257
4.0	385.707	379.001	376.505	377.285	374.789
4.5	385.395	378.533	376.037	376.661	374.010
5.0	385.083	378.065	375.257	375.881	373.230
5.5	384.459	377.441	374.633	374.945	372.138
6.0	383.991	376.817	373.854	374.166	371.202
6.5	383.524	376.349	373.074	373.074	370.110
7.0	382.900	375.569	372.294	371.982	369.019
7.5	382.276	374.945	371.358	370.890	367.771
8.0	381.652	374.010	370.422	369.642	366.679
8.5	380.872	373.230	369.331	368.395	365.275
9.0	380.092	372.450	368.239	366.991	363.872
9.5	379.312	371.514	366.991	365.431	362.312
10.0	378.533	370.578	365.743	364.028	360.908
10.5	377.597	369.642	364.496	362.468	359.037
11.0	376.661	368.551	363.092	360.908	357.321
11.5	375.569	367.459	361.688	359.193	355.605
12.0	374.477	366.211	360.128	357.477	353.734
12.5	373.542	364.963	358.569	355.605	351.706
13.0	372.294	363.716	357.009	353.734	349.835
13.5	371.046	362.312	355.293	351.706	347.807
14.0	369.954	360.908	353.734	349.835	345.779
14.5	368.551	359.505	351.862	347.807	343.596
15.0	367.303	358.101	350.147	345.624	341.568
15.5	365.899	356.541	348.119	343.440	339.229
16.0	364.808	355.138	346.247	341.256	336.889
16.5	363.716	353.578	344.220	338.917	334.550
17.0	362.312	352.018	342.192	336.577	332.210
17.5	360.284	350.459	340.165	334.238	329.715
18.0	358.413	349.055	338.137	331.742	327.063
18.5	356.541	347.183	335.954	329.247	324.412
19.0	354.982	345.156	333.770	326.596	321.761
19.5	353.266	343.128	331.586	323.944	318.953
20.0	351.550	341.100	329.247	321.449	315.990
20.5	349.679	339.073	327.063	318.797	313.182
21.0	347.807	337.201	324.724	315.990	310.219
21.5	345.935	335.174	322.384	313.338	307.412
22.0	343.908	332.990	319.889	310.531	304.448
22.5	342.036	330.963	317.549	307.568	301.641
23.0	339.853	328.779	315.366	304.760	298.833
23.5	337.825	326.440	312.870	301.953	295.870
24.0	335.642	324.256	310.063	299.145	293.063
24.5	333.458	321.916	307.412	296.338	290.099
25.0	331.275	319.733	304.604	293.374	287.136
25.5	329.091	317.237	301.953	290.567	284.172
26.0	326.751	314.898	299.145	287.604	281.365
26.5	324.568	312.402	296.494	284.796	278.558

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-2-L4-850-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	322.072	310.063	293.686	281.989	275.594
27.5	319.733	307.412	291.035	279.181	272.475
28.0	317.393	304.916	288.228	276.374	269.667
28.5	315.054	302.421	285.420	273.411	266.860
29.0	312.558	299.769	282.769	270.447	264.053
29.5	309.907	297.118	279.961	267.484	261.245
30.0	307.412	294.466	277.154	264.676	258.282
30.5	304.760	291.971	274.502	261.869	255.318
31.0	302.109	289.319	271.695	258.906	252.355
31.5	299.301	286.512	268.732	255.942	249.548
32.0	296.650	283.860	265.924	252.979	246.584
32.5	293.842	281.053	263.117	250.016	243.621
33.0	291.191	278.246	260.153	247.052	240.658
33.5	288.384	275.438	257.346	244.245	237.694
34.0	285.576	272.631	254.539	241.281	234.731
34.5	282.925	269.667	251.419	238.318	231.767
35.0	280.117	266.860	248.612	235.199	228.804
35.5	277.310	263.897	245.648	232.235	225.997
36.0	274.346	261.089	242.841	229.428	223.033
36.5	271.539	258.126	239.878	226.465	220.226
37.0	268.732	255.162	236.914	223.345	217.262
37.5	265.768	252.199	233.951	220.538	214.611
38.0	262.961	249.236	230.988	217.574	211.648
38.5	259.997	246.272	228.180	214.767	208.840
39.0	257.034	243.309	225.061	211.804	206.033
39.5	254.071	240.346	222.097	208.996	203.225
40.0	250.951	237.382	219.134	206.033	200.418
40.5	247.832	234.419	216.171	203.381	197.767
41.0	244.869	231.455	213.207	200.574	194.803
41.5	241.749	228.336	210.244	197.767	191.996
42.0	238.630	225.373	207.437	194.803	189.344
42.5	235.667	222.253	204.473	191.996	186.537
43.0	232.547	219.290	201.666	189.344	183.885
43.5	229.428	216.171	198.546	186.693	181.234
44.0	226.309	213.207	195.739	183.885	178.583
44.5	223.189	210.244	192.776	181.078	175.931
45.0	220.226	207.125	189.968	178.427	173.280
45.5	217.106	204.161	187.161	175.775	170.628
46.0	213.987	201.198	184.353	173.124	168.133
46.5	211.024	198.078	181.390	170.472	165.481
47.0	207.904	195.115	178.583	167.821	162.986
47.5	204.941	192.152	175.931	165.013	160.490
48.0	201.822	189.188	173.124	162.518	157.839
48.5	198.702	186.225	170.472	159.866	155.437
49.0	195.739	183.106	167.509	157.371	152.926
49.5	192.620	180.142	164.857	154.704	150.415
50.0	189.656	177.335	162.050	152.099	147.904
50.5	186.537	174.371	159.399	149.635	145.517
51.0	183.574	171.408	156.591	147.218	143.147
51.5	180.454	168.445	153.955	144.753	140.558
52.0	177.491	165.637	151.210	142.211	138.125
52.5	174.371	162.674	148.496	139.669	135.785
53.0	171.408	159.866	145.814	137.158	133.290
53.5	168.289	157.059	143.256	134.803	131.028
54.0	165.325	154.111	140.667	132.479	128.642
54.5	162.362	151.226	138.031	130.092	126.302

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-2-L4-850-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	159.243	148.403	135.411	127.628	123.963
55.5	156.279	145.611	132.869	125.133	121.577
56.0	153.300	142.835	130.389	122.731	119.315
56.5	150.384	140.090	127.862	120.469	117.069
57.0	147.451	137.314	125.367	118.239	114.917
57.5	144.582	134.600	122.949	115.884	112.686
58.0	141.727	131.933	120.485	113.482	110.394
58.5	138.967	129.266	117.974	111.127	108.163
59.0	136.144	126.677	115.478	108.850	106.073
59.5	133.368	124.088	113.045	106.619	103.921
60.0	130.576	121.530	110.706	104.451	101.706
60.5	127.862	118.972	108.397	102.268	99.538
61.0	125.164	116.398	106.058	100.037	97.448
61.5	122.450	113.825	103.625	97.791	95.296
62.0	119.736	111.329	101.254	95.577	93.144
62.5	117.038	108.865	99.008	93.440	91.054
63.0	114.324	106.354	96.856	91.350	89.011
63.5	111.595	103.859	94.703	89.385	86.967
64.0	108.881	101.348	92.489	87.420	84.924
64.5	106.167	98.852	90.196	85.299	82.928
65.0	103.438	96.388	87.950	83.084	80.963
65.5	100.724	93.908	85.829	81.087	79.029
66.0	98.025	91.428	83.754	79.294	77.173
66.5	95.312	88.964	81.649	77.453	75.285
67.0	92.613	86.531	79.450	75.457	73.351
67.5	89.931	84.113	77.235	73.305	71.386
68.0	87.248	81.664	75.020	71.090	69.374
68.5	84.597	79.231	72.821	69.031	67.378
69.0	81.976	76.798	70.731	67.113	65.444
69.5	79.356	74.428	68.672	65.210	63.494
70.0	76.752	72.057	66.489	63.120	61.436
70.5	74.194	69.671	64.259	60.874	59.392
71.0	71.620	67.284	62.059	58.722	57.380
71.5	69.094	64.929	59.907	56.788	55.431
72.0	66.582	62.652	57.848	54.994	53.544
72.5	64.103	60.406	55.867	53.138	51.734
73.0	61.669	58.176	53.856	51.157	49.894
73.5	59.252	55.930	51.781	49.176	47.991
74.0	56.881	53.715	49.707	47.274	46.182
74.5	54.542	51.547	47.742	45.480	44.482
75.0	52.249	49.442	45.854	43.718	42.735
75.5	49.988	47.352	43.998	41.940	40.941
76.0	47.757	45.277	42.096	40.177	39.241
76.5	45.558	43.187	40.208	38.368	37.573
77.0	43.375	41.144	38.306	36.590	35.841
77.5	41.238	39.132	36.496	34.843	34.079
78.0	39.101	37.136	34.734	33.143	32.410
78.5	36.995	35.171	32.971	31.459	30.819
79.0	34.952	33.252	31.209	29.805	29.244
79.5	32.925	31.365	29.478	28.183	27.684
80.0	30.944	29.509	27.793	26.561	26.109
80.5	28.979	27.684	26.125	24.955	24.502
81.0	27.076	25.891	24.440	23.379	22.927
81.5	25.220	24.144	22.818	21.851	21.430
82.0	23.395	22.459	21.274	20.385	19.995
82.5	21.617	20.806	19.745	18.966	18.607

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-2-L4-850-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	19.870	19.168	18.248	17.531	17.250
83.5	18.155	17.546	16.735	16.111	15.893
84.0	16.486	15.987	15.222	14.708	14.505
84.5	14.864	14.458	13.756	13.335	13.164
85.0	13.273	12.961	12.384	12.009	11.931
85.5	11.713	11.479	11.042	10.762	10.777
86.0	10.200	10.013	9.732	9.608	9.608
86.5	8.734	8.609	8.422	8.391	8.422
87.0	7.299	7.252	7.143	7.143	7.190
87.5	5.927	5.880	5.896	5.974	6.005
88.0	4.601	4.632	4.773	4.882	4.929
88.5	3.369	3.478	3.743	3.774	3.806
89.0	2.277	2.449	2.605	2.355	2.340
89.5	1.575	1.622	1.217	1.154	1.279
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 : LRX2-2-L4-850-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
 PHOTOMETRIC FILENAME : LRX2-2-L4-850-DMA-DIM-UNV_.IES

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-L4-850-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-L4-850-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	134.69	N.A.	15.70
0-30	275.75	N.A.	32.10
0-40	432.80	N.A.	50.40
0-60	705.67	N.A.	82.20
0-80	844.41	N.A.	98.30
0-90	858.62	N.A.	100.00
10-90	822.94	N.A.	95.80
20-40	298.11	N.A.	34.70
20-50	447.14	N.A.	52.10
40-70	362.03	N.A.	42.20
60-80	138.74	N.A.	16.20
70-80	49.58	N.A.	5.80
80-90	14.21	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	858.62	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	35.69
10-20	99.00
20-30	141.06
30-40	157.05
40-50	149.03
50-60	123.84
60-70	89.16
70-80	49.58
80-90	14.21
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-L4-850-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	43	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	49	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 : LRX2-2-L4-850-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

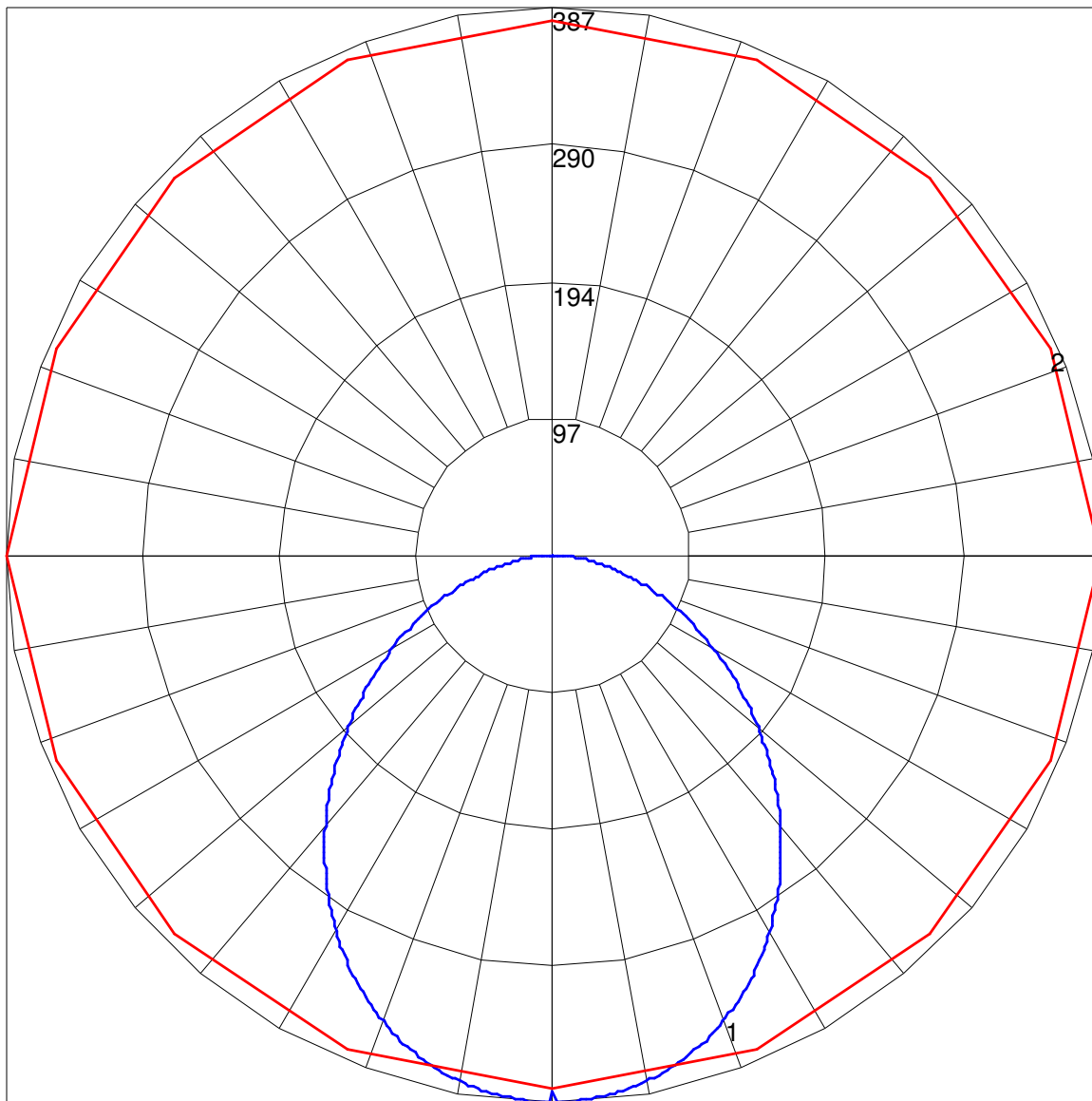
Reflectances

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	19.4	21.0	19.8	21.3	21.6	18.3	19.8	18.6	20.1	20.5
	3H	21.1	22.6	21.5	22.9	23.3	19.9	21.4	20.3	21.7	22.0
	4H	21.8	23.1	22.2	23.4	23.8	20.5	21.9	20.9	22.2	22.6
	6H	22.2	23.4	22.6	23.8	24.2	21.0	22.2	21.4	22.6	23.0
	8H	22.4	23.5	22.8	23.9	24.3	21.2	22.3	21.6	22.7	23.1
	12H	22.4	23.6	22.9	24.0	24.4	21.3	22.4	21.7	22.8	23.2
4H	2H	19.9	21.2	20.3	21.6	21.9	18.9	20.3	19.3	20.6	21.0
	3H	21.8	22.9	22.2	23.3	23.7	20.8	21.9	21.2	22.3	22.7
	4H	22.6	23.6	23.0	24.0	24.4	21.6	22.6	22.0	23.0	23.4
	6H	23.2	24.0	23.6	24.5	24.9	22.1	23.0	22.6	23.5	23.9
	8H	23.4	24.2	23.8	24.6	25.1	22.3	23.1	22.8	23.6	24.1
	12H	23.5	24.2	24.0	24.7	25.2	22.5	23.2	23.0	23.7	24.2
8H	4H	22.8	23.6	23.3	24.0	24.5	21.9	22.7	22.4	23.1	23.6
	6H	23.5	24.2	24.0	24.7	25.1	22.6	23.3	23.1	23.8	24.2
	8H	23.7	24.4	24.2	24.9	25.4	22.8	23.5	23.4	24.0	24.5
	12H	24.0	24.5	24.5	25.0	25.6	23.1	23.6	23.6	24.1	24.7
12H	4H	22.8	23.5	23.3	24.0	24.5	21.9	22.7	22.4	23.1	23.6
	6H	23.5	24.1	24.0	24.6	25.1	22.7	23.3	23.2	23.7	24.3
	8H	23.8	24.4	24.3	24.9	25.4	23.0	23.5	23.5	24.0	24.6

Maximum UGR = 25.6

POLAR GRAPH



Maximum Candela = 387.111 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.)