



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-2-L4-930-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-L4-930-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	664
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	92
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	7757	6691	6104
55	6915	5880	5383
65	6096	5183	4772
75	5028	4413	4113
85	3793	3539	3410

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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	294.275	294.275	294.275	294.275	294.275
0.5	299.463	294.516	292.827	293.551	292.103
1.0	299.463	294.396	292.827	293.551	291.982
1.5	299.342	294.396	292.706	293.430	291.862
2.0	299.222	294.154	292.465	293.310	291.500
2.5	299.101	293.913	292.344	292.948	291.259
3.0	298.860	293.672	291.982	292.706	290.776
3.5	298.618	293.430	291.620	292.224	290.293
4.0	298.377	293.189	291.259	291.862	289.931
4.5	298.136	292.827	290.897	291.379	289.328
5.0	297.894	292.465	290.293	290.776	288.725
5.5	297.412	291.982	289.811	290.052	287.880
6.0	297.050	291.500	289.207	289.449	287.156
6.5	296.688	291.138	288.604	288.604	286.312
7.0	296.205	290.535	288.001	287.760	285.467
7.5	295.723	290.052	287.277	286.915	284.502
8.0	295.240	289.328	286.553	285.950	283.657
8.5	294.637	288.725	285.708	284.985	282.571
9.0	294.034	288.122	284.864	283.899	281.486
9.5	293.430	287.398	283.899	282.692	280.279
10.0	292.827	286.674	282.933	281.606	279.193
10.5	292.103	285.950	281.968	280.400	277.745
11.0	291.379	285.105	280.882	279.193	276.418
11.5	290.535	284.261	279.796	277.866	275.091
12.0	289.690	283.295	278.590	276.539	273.643
12.5	288.966	282.330	277.383	275.091	272.075
13.0	288.001	281.365	276.177	273.643	270.627
13.5	287.036	280.279	274.850	272.075	269.058
14.0	286.191	279.193	273.643	270.627	267.490
14.5	285.105	278.107	272.195	269.058	265.801
15.0	284.140	277.021	270.868	267.369	264.232
15.5	283.054	275.815	269.299	265.680	262.422
16.0	282.209	274.729	267.852	263.991	260.612
16.5	281.365	273.522	266.283	262.181	258.803
17.0	280.279	272.316	264.715	260.371	256.993
17.5	278.711	271.109	263.146	258.561	255.062
18.0	277.263	270.023	261.578	256.631	253.011
18.5	275.815	268.576	259.888	254.700	250.960
19.0	274.608	267.007	258.199	252.649	248.909
19.5	273.281	265.439	256.510	250.598	246.737
20.0	271.954	263.870	254.700	248.668	244.445
20.5	270.506	262.302	253.011	246.617	242.273
21.0	269.058	260.854	251.201	244.445	239.981
21.5	267.610	259.285	249.392	242.394	237.809
22.0	266.042	257.596	247.461	240.222	235.516
22.5	264.594	256.028	245.651	237.929	233.345
23.0	262.905	254.338	243.962	235.758	231.173
23.5	261.336	252.529	242.032	233.586	228.880
24.0	259.647	250.839	239.860	231.414	226.709
24.5	257.958	249.030	237.809	229.242	224.416
25.0	256.269	247.340	235.637	226.950	222.124
25.5	254.580	245.410	233.586	224.778	219.831
26.0	252.770	243.600	231.414	222.486	217.660
26.5	251.081	241.670	229.363	220.314	215.488

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CANDELA TABULATION - (Cont.)

27.0	249.150	239.860	227.191	218.142	213.195
27.5	247.340	237.809	225.140	215.970	210.782
28.0	245.531	235.878	222.968	213.799	208.611
28.5	243.721	233.948	220.797	211.506	206.439
29.0	241.790	231.897	218.746	209.214	204.267
29.5	239.739	229.846	216.574	206.921	202.095
30.0	237.809	227.795	214.402	204.750	199.803
30.5	235.758	225.864	212.351	202.578	197.510
31.0	233.707	223.813	210.179	200.285	195.218
31.5	231.535	221.641	207.887	197.993	193.046
32.0	229.484	219.590	205.715	195.701	190.754
32.5	227.312	217.418	203.543	193.408	188.461
33.0	225.261	215.247	201.251	191.116	186.169
33.5	223.089	213.075	199.079	188.944	183.877
34.0	220.917	210.903	196.907	186.652	181.584
34.5	218.866	208.611	194.494	184.359	179.292
35.0	216.694	206.439	192.322	181.946	176.999
35.5	214.523	204.146	190.030	179.654	174.827
36.0	212.230	201.975	187.858	177.482	172.535
36.5	210.058	199.682	185.566	175.189	170.363
37.0	207.887	197.390	183.273	172.776	168.071
37.5	205.594	195.097	180.981	170.605	166.020
38.0	203.422	192.805	178.688	168.312	163.727
38.5	201.130	190.513	176.517	166.140	161.556
39.0	198.838	188.220	174.104	163.848	159.384
39.5	196.545	185.928	171.811	161.676	157.212
40.0	194.132	183.635	169.519	159.384	155.040
40.5	191.719	181.343	167.226	157.333	152.989
41.0	189.427	179.050	164.934	155.161	150.697
41.5	187.014	176.637	162.641	152.989	148.525
42.0	184.600	174.345	160.470	150.697	146.474
42.5	182.308	171.932	158.177	148.525	144.302
43.0	179.895	169.639	156.005	146.474	142.251
43.5	177.482	167.226	153.592	144.423	140.200
44.0	175.069	164.934	151.421	142.251	138.149
44.5	172.656	162.641	149.128	140.079	136.098
45.0	170.363	160.228	146.956	138.028	134.046
45.5	167.950	157.936	144.785	135.977	131.995
46.0	165.537	155.644	142.613	133.926	130.065
46.5	163.245	153.230	140.320	131.875	128.014
47.0	160.832	150.938	138.149	129.824	126.083
47.5	158.539	148.646	136.098	127.652	124.153
48.0	156.126	146.353	133.926	125.721	122.102
48.5	153.713	144.061	131.875	123.670	120.244
49.0	151.421	141.648	129.582	121.740	118.301
49.5	149.008	139.355	127.531	119.677	116.359
50.0	146.715	137.183	125.359	117.662	114.416
50.5	144.302	134.891	123.308	115.755	112.570
51.0	142.010	132.599	121.137	113.885	110.736
51.5	139.597	130.306	119.097	111.979	108.733
52.0	137.304	128.134	116.974	110.012	106.851
52.5	134.891	125.842	114.875	108.046	105.041
53.0	132.599	123.670	112.799	106.103	103.111
53.5	130.186	121.498	110.821	104.281	101.361
54.0	127.893	119.218	108.818	102.483	99.515
54.5	125.601	116.986	106.779	100.637	97.706

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CANDELA TABULATION - (Cont.)

55.0	123.188	114.802	104.752	98.731	95.896
55.5	120.895	112.642	102.785	96.801	94.050
56.0	118.591	110.495	100.867	94.943	92.300
56.5	116.334	108.371	98.912	93.193	90.563
57.0	114.066	106.224	96.982	91.468	88.898
57.5	111.846	104.124	95.111	89.646	87.172
58.0	109.638	102.061	93.205	87.788	85.399
58.5	107.503	99.998	91.263	85.966	83.673
59.0	105.319	97.995	89.332	84.204	82.057
59.5	103.171	95.992	87.450	82.479	80.392
60.0	101.011	94.014	85.640	80.802	78.678
60.5	98.912	92.035	83.854	79.113	77.001
61.0	96.825	90.044	82.045	77.387	75.385
61.5	94.725	88.053	80.162	75.650	73.720
62.0	92.626	86.123	78.329	73.937	72.055
62.5	90.539	84.216	76.591	72.284	70.438
63.0	88.439	82.274	74.926	70.667	68.857
63.5	86.328	80.343	73.261	69.147	67.277
64.0	84.228	78.401	71.548	67.627	65.696
64.5	82.129	76.470	69.774	65.986	64.152
65.0	80.018	74.564	68.037	64.272	62.631
65.5	77.918	72.646	66.396	62.728	61.135
66.0	75.831	70.727	64.791	61.340	59.700
66.5	73.732	68.821	63.162	59.917	58.240
67.0	71.644	66.939	61.461	58.372	56.744
67.5	69.569	65.069	59.748	56.707	55.223
68.0	67.494	63.174	58.035	54.994	53.667
68.5	65.443	61.292	56.333	53.401	52.122
69.0	63.416	59.410	54.717	51.917	50.626
69.5	61.389	57.576	53.124	50.445	49.118
70.0	59.374	55.742	51.435	48.829	47.526
70.5	57.395	53.896	49.709	47.091	45.945
71.0	55.404	52.050	48.008	45.426	44.389
71.5	53.450	50.228	46.343	43.930	42.880
72.0	51.507	48.467	44.751	42.543	41.420
72.5	49.589	46.729	43.218	41.107	40.021
73.0	47.707	45.004	41.662	39.574	38.597
73.5	45.836	43.266	40.057	38.042	37.125
74.0	44.002	41.553	38.452	36.570	35.726
74.5	42.193	39.876	36.932	35.183	34.410
75.0	40.419	38.247	35.472	33.819	33.059
75.5	38.670	36.631	34.036	32.444	31.672
76.0	36.944	35.026	32.564	31.080	30.357
76.5	35.243	33.409	31.105	29.681	29.066
77.0	33.554	31.828	29.633	28.305	27.726
77.5	31.901	30.272	28.233	26.954	26.363
78.0	30.248	28.728	26.870	25.639	25.072
78.5	28.619	27.207	25.506	24.336	23.841
79.0	27.039	25.723	24.143	23.057	22.623
79.5	25.470	24.263	22.804	21.802	21.416
80.0	23.938	22.828	21.501	20.547	20.197
80.5	22.417	21.416	20.210	19.305	18.955
81.0	20.946	20.029	18.906	18.086	17.736
81.5	19.510	18.677	17.652	16.904	16.578
82.0	18.098	17.374	16.457	15.769	15.468
82.5	16.723	16.095	15.275	14.672	14.394

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CANDELA TABULATION - (Cont.)

83.0	15.371	14.828	14.117	13.561	13.344
83.5	14.044	13.574	12.946	12.464	12.295
84.0	12.753	12.367	11.776	11.378	11.221
84.5	11.498	11.185	10.642	10.316	10.183
85.0	10.268	10.026	9.580	9.290	9.230
85.5	9.061	8.880	8.542	8.325	8.337
86.0	7.891	7.746	7.529	7.432	7.432
86.5	6.757	6.660	6.515	6.491	6.515
87.0	5.647	5.610	5.526	5.526	5.562
87.5	4.585	4.549	4.561	4.621	4.645
88.0	3.559	3.583	3.692	3.776	3.813
88.5	2.606	2.691	2.896	2.920	2.944
89.0	1.762	1.894	2.015	1.822	1.810
89.5	1.219	1.255	0.941	0.893	0.989
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-L4-930-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-L4-930-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	104.20	N.A.	15.70
0-30	213.32	N.A.	32.10
0-40	334.81	N.A.	50.40
0-60	545.90	N.A.	82.20
0-80	653.22	N.A.	98.30
0-90	664.22	N.A.	100.00
10-90	636.61	N.A.	95.80
20-40	230.61	N.A.	34.70
20-50	345.90	N.A.	52.10
40-70	280.06	N.A.	42.20
60-80	107.33	N.A.	16.20
70-80	38.36	N.A.	5.80
80-90	10.99	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	664.22	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	27.61
10-20	76.59
20-30	109.12
30-40	121.49
40-50	115.28
50-60	95.80
60-70	68.97
70-80	38.36
80-90	10.99
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-L4-930-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-L4-930-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

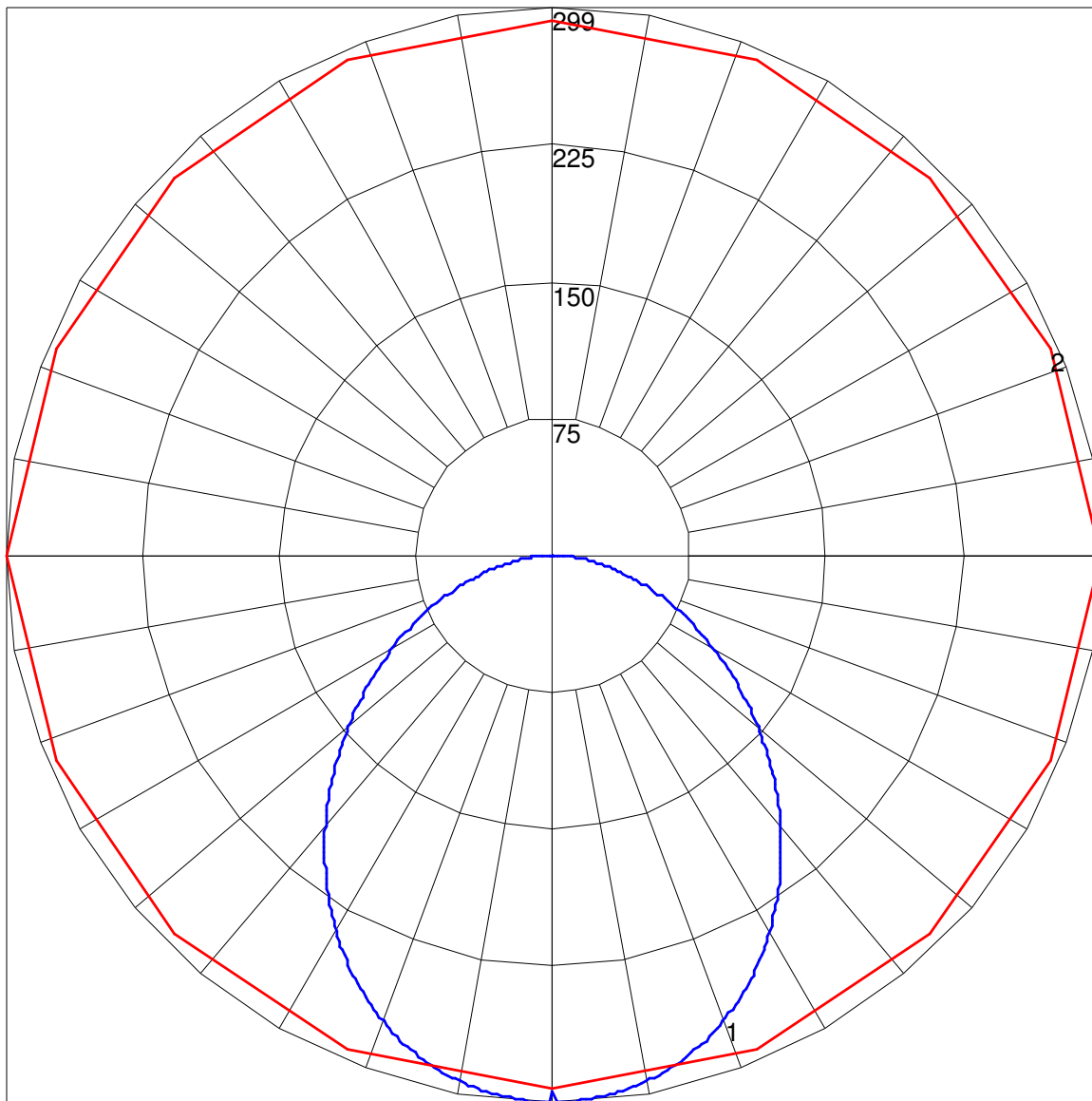
Reflectances

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	19.3	19.6
	3H	20.3	21.7	20.6	22.0	22.4	19.0	20.5	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	22.6	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	23.1	23.5	20.4	21.5	20.8	21.9	22.3
4H	2H	19.0	20.3	19.4	20.7	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	20.7	21.7	21.1	22.1	22.5
	6H	22.3	23.1	22.7	23.6	24.0	21.2	22.1	21.7	22.6	23.0
	8H	22.5	23.3	22.9	23.7	24.2	21.4	22.3	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	22.4	23.2	23.6	21.0	21.8	21.5	22.2	22.7
	6H	22.6	23.3	23.1	23.8	24.2	21.7	22.4	22.2	22.9	23.3
	8H	22.8	23.5	23.4	24.0	24.5	21.9	22.6	22.5	23.1	23.6
	12H	23.1	23.6	23.6	24.1	24.7	22.2	22.7	22.7	23.2	23.8
12H	4H	21.9	22.6	22.4	23.1	23.6	21.0	21.8	21.5	22.2	22.7
	6H	22.6	23.2	23.1	23.7	24.2	21.8	22.4	22.3	22.8	23.4
	8H	22.9	23.5	23.5	24.0	24.5	22.1	22.6	22.6	23.1	23.7

Maximum UGR = 24.7

POLAR GRAPH



Maximum Candela = 299.463 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.)