



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-2-L10-935-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] GEN FROM 14853501.01
 [TESTLAB] UL Verification Services Inc.
 [ISSUE DATE] 2023-07-25
 [TEST DATE] 6/19/2023
 [MANUFAC] H.E. WILLIAMS, INC. - CARTHAGE, MO.
 [LUMCAT] LRX2-2-L10-935-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	1672
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	92
Total Luminaire Watts	18.2
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	19523	16841	15361
55	17403	14799	13548
65	15342	13045	12009
75	12654	11106	10350
85	9546	8907	8582

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-2-L10-935-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	740.614	740.614	740.614	740.614	740.614
0.5	753.671	741.221	736.970	738.792	735.148
1.0	753.671	740.918	736.970	738.792	734.845
1.5	753.368	740.918	736.667	738.488	734.541
2.0	753.064	740.310	736.059	738.185	733.630
2.5	752.760	739.703	735.756	737.274	733.023
3.0	752.153	739.096	734.845	736.667	731.808
3.5	751.546	738.488	733.934	735.452	730.593
4.0	750.938	737.881	733.023	734.541	729.682
4.5	750.331	736.970	732.112	733.326	728.164
5.0	749.724	736.059	730.593	731.808	726.646
5.5	748.509	734.845	729.379	729.986	724.520
6.0	747.598	733.630	727.861	728.468	722.698
6.5	746.687	732.719	726.342	726.342	720.573
7.0	745.473	731.201	724.824	724.217	718.447
7.5	744.258	729.986	723.002	722.091	716.018
8.0	743.043	728.164	721.180	719.662	713.892
8.5	741.525	726.646	719.055	717.233	711.160
9.0	740.007	725.128	716.929	714.500	708.427
9.5	738.488	723.306	714.500	711.463	705.390
10.0	736.970	721.484	712.070	708.730	702.657
10.5	735.148	719.662	709.641	705.694	699.013
11.0	733.326	717.536	706.908	702.657	695.673
11.5	731.201	715.411	704.175	699.317	692.333
12.0	729.075	712.981	701.139	695.977	688.689
12.5	727.253	710.552	698.102	692.333	684.742
13.0	724.824	708.123	695.066	688.689	681.098
13.5	722.395	705.390	691.726	684.742	677.150
14.0	720.269	702.657	688.689	681.098	673.203
14.5	717.536	699.924	685.045	677.150	668.952
15.0	715.107	697.191	681.705	672.899	665.004
15.5	712.374	694.155	677.757	668.648	660.449
16.0	710.249	691.422	674.114	664.397	655.894
16.5	708.123	688.385	670.166	659.842	651.340
17.0	705.390	685.349	666.219	655.287	646.785
17.5	701.443	682.312	662.271	650.732	641.926
18.0	697.799	679.579	658.324	645.874	636.764
18.5	694.155	675.936	654.072	641.015	631.602
19.0	691.118	671.988	649.821	635.853	626.440
19.5	687.778	668.041	645.570	630.691	620.974
20.0	684.438	664.093	641.015	625.833	615.205
20.5	680.794	660.146	636.764	620.670	609.739
21.0	677.150	656.502	632.209	615.205	603.969
21.5	673.506	652.554	627.654	610.042	598.504
22.0	669.559	648.303	622.796	604.577	592.734
22.5	665.915	644.355	618.241	598.807	587.268
23.0	661.664	640.104	613.990	593.341	581.803
23.5	657.716	635.549	609.132	587.876	576.033
24.0	653.465	631.298	603.666	582.410	570.567
24.5	649.214	626.743	598.504	576.944	564.798
25.0	644.963	622.492	593.038	571.175	559.028
25.5	640.712	617.634	587.876	565.709	553.259
26.0	636.157	613.079	582.410	559.939	547.793
26.5	631.906	608.221	577.248	554.474	542.327

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-2-L10-935-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	627.047	603.666	571.782	549.008	536.558
27.5	622.492	598.504	566.620	543.542	530.485
28.0	617.937	593.645	561.154	538.076	525.019
28.5	613.383	588.787	555.688	532.307	519.553
29.0	608.524	583.625	550.526	526.537	514.088
29.5	603.362	578.462	545.060	520.768	508.622
30.0	598.504	573.300	539.595	515.302	502.852
30.5	593.341	568.442	534.432	509.836	497.083
31.0	588.179	563.280	528.967	504.067	491.313
31.5	582.714	557.814	523.197	498.298	485.848
32.0	577.551	552.652	517.731	492.528	480.078
32.5	572.086	547.186	512.266	486.759	474.309
33.0	566.923	541.720	506.496	480.989	468.539
33.5	561.458	536.254	501.030	475.523	462.770
34.0	555.992	530.789	495.565	469.754	457.000
34.5	550.830	525.019	489.492	463.985	451.231
35.0	545.364	519.553	484.026	457.911	445.462
35.5	539.898	513.784	478.256	452.142	439.996
36.0	534.129	508.318	472.791	446.676	434.226
36.5	528.663	502.549	467.021	440.907	428.761
37.0	523.197	496.779	461.252	434.834	422.991
37.5	517.428	491.010	455.482	429.368	417.829
38.0	511.962	485.240	449.713	423.598	412.060
38.5	506.193	479.471	444.247	418.133	406.594
39.0	500.423	473.701	438.174	412.363	401.128
39.5	494.654	467.932	432.404	406.897	395.662
40.0	488.581	462.163	426.635	401.128	390.196
40.5	482.507	456.393	420.866	395.966	385.034
41.0	476.738	450.624	415.096	390.500	379.265
41.5	470.665	444.551	409.327	385.034	373.799
42.0	464.592	438.781	403.861	379.265	368.637
42.5	458.822	432.708	398.091	373.799	363.171
43.0	452.749	426.939	392.626	368.637	358.009
43.5	446.676	420.866	386.553	363.475	352.847
44.0	440.603	415.096	381.087	358.009	347.685
44.5	434.530	409.327	375.317	352.543	342.523
45.0	428.761	403.254	369.852	347.381	337.360
45.5	422.687	397.484	364.386	342.219	332.198
46.0	416.614	391.715	358.920	337.057	327.340
46.5	410.845	385.642	353.151	331.895	322.178
47.0	404.772	379.872	347.685	326.733	317.319
47.5	399.002	374.103	342.523	321.267	312.461
48.0	392.929	368.333	337.057	316.408	307.299
48.5	386.856	362.564	331.895	311.246	302.622
49.0	381.087	356.491	326.125	306.388	297.734
49.5	375.014	350.721	320.963	301.195	292.845
50.0	369.244	345.255	315.497	296.124	287.956
50.5	363.171	339.486	310.335	291.326	283.310
51.0	357.402	333.717	304.869	286.620	278.694
51.5	351.329	327.947	299.738	281.822	273.654
52.0	345.559	322.481	294.393	276.872	268.917
52.5	339.486	316.712	289.110	271.923	264.362
53.0	333.717	311.246	283.887	267.034	259.503
53.5	327.644	305.780	278.907	262.449	255.100
54.0	321.874	300.041	273.866	257.924	250.454
54.5	316.105	294.424	268.734	253.278	245.900

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-2-L10-935-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	310.032	288.928	263.633	248.481	241.345
55.5	304.262	283.492	258.684	243.622	236.699
56.0	298.462	278.087	253.855	238.946	232.296
56.5	292.784	272.743	248.936	234.543	227.923
57.0	287.075	267.338	244.078	230.201	223.733
57.5	281.488	262.054	239.371	225.616	219.391
58.0	275.931	256.862	234.573	220.939	214.927
58.5	270.556	251.669	229.684	216.354	210.585
59.0	265.060	246.628	224.826	211.921	206.516
59.5	259.655	241.588	220.089	207.578	202.325
60.0	254.220	236.608	215.534	203.358	198.013
60.5	248.936	231.628	211.040	199.106	193.792
61.0	243.683	226.618	206.485	194.764	189.724
61.5	238.399	221.607	201.748	190.392	185.533
62.0	233.116	216.749	197.133	186.080	181.343
62.5	227.863	211.951	192.760	181.920	177.274
63.0	222.579	207.062	188.570	177.851	173.296
63.5	217.265	202.204	184.379	174.025	169.318
64.0	211.981	197.315	180.067	170.199	165.340
64.5	206.698	192.456	175.604	166.069	161.453
65.0	201.384	187.659	171.231	161.757	157.627
65.5	196.100	182.831	167.101	157.870	153.862
66.0	190.847	178.002	163.063	154.378	150.248
66.5	185.563	173.205	158.963	150.795	146.574
67.0	180.310	168.468	154.682	146.908	142.809
67.5	175.087	163.761	150.370	142.718	138.983
68.0	169.864	158.994	146.058	138.406	135.066
68.5	164.702	154.257	141.776	134.398	131.179
69.0	159.601	149.520	137.707	130.663	127.414
69.5	154.500	144.904	133.699	126.958	123.618
70.0	149.429	140.289	129.448	122.889	119.610
70.5	144.449	135.643	125.106	118.516	115.632
71.0	139.438	130.997	120.824	114.326	111.715
71.5	134.519	126.411	116.634	110.561	107.919
72.0	129.630	121.978	112.626	107.069	104.245
72.5	124.802	117.606	108.769	103.455	100.722
73.0	120.065	113.263	104.852	99.599	97.139
73.5	115.358	108.891	100.813	95.742	93.435
74.0	110.743	104.579	96.775	92.038	89.912
74.5	106.188	100.358	92.949	88.546	86.602
75.0	101.724	96.259	89.275	85.114	83.201
75.5	97.321	92.190	85.661	81.653	79.709
76.0	92.979	88.151	81.956	78.221	76.400
76.5	88.698	84.082	78.282	74.699	73.150
77.0	84.446	80.104	74.578	71.237	69.780
77.5	80.286	76.187	71.055	67.836	66.349
78.0	76.126	72.300	67.624	64.527	63.099
78.5	72.027	68.474	64.193	61.247	60.002
79.0	68.049	64.739	60.761	58.028	56.935
79.5	64.102	61.065	57.391	54.870	53.899
80.0	60.245	57.451	54.111	51.712	50.832
80.5	56.419	53.899	50.862	48.585	47.704
81.0	52.714	50.407	47.583	45.518	44.637
81.5	49.101	47.006	44.425	42.542	41.722
82.0	45.548	43.726	41.419	39.688	38.929
82.5	42.087	40.508	38.443	36.924	36.226

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-2-L10-935-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	38.686	37.319	35.528	34.131	33.584
83.5	35.345	34.161	32.582	31.368	30.942
84.0	32.096	31.125	29.637	28.635	28.240
84.5	28.938	28.149	26.782	25.962	25.628
85.0	25.841	25.234	24.110	23.381	23.230
85.5	22.804	22.349	21.499	20.952	20.983
86.0	19.859	19.495	18.948	18.705	18.705
86.5	17.005	16.762	16.397	16.337	16.397
87.0	14.211	14.120	13.907	13.907	13.998
87.5	11.539	11.448	11.478	11.630	11.691
88.0	8.958	9.019	9.292	9.504	9.595
88.5	6.559	6.772	7.288	7.348	7.409
89.0	4.433	4.767	5.071	4.585	4.555
89.5	3.067	3.158	2.369	2.247	2.490
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-L10-935-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-L10-935-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-L10-935-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 : LRX2-2-L10-935-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	262.23	N.A.	15.70
0-30	536.87	N.A.	32.10
0-40	842.62	N.A.	50.40
0-60	1373.88	N.A.	82.20
0-80	1644.00	N.A.	98.30
0-90	1671.67	N.A.	100.00
10-90	1602.18	N.A.	95.80
20-40	580.39	N.A.	34.70
20-50	870.53	N.A.	52.10
40-70	704.84	N.A.	42.20
60-80	270.12	N.A.	16.20
70-80	96.54	N.A.	5.80
80-90	27.67	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	1671.67	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	69.48
10-20	192.75
20-30	274.63
30-40	305.76
40-50	290.14
50-60	241.11
60-70	173.58
70-80	96.54
80-90	27.67
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-L10-935-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	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-L10-935-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

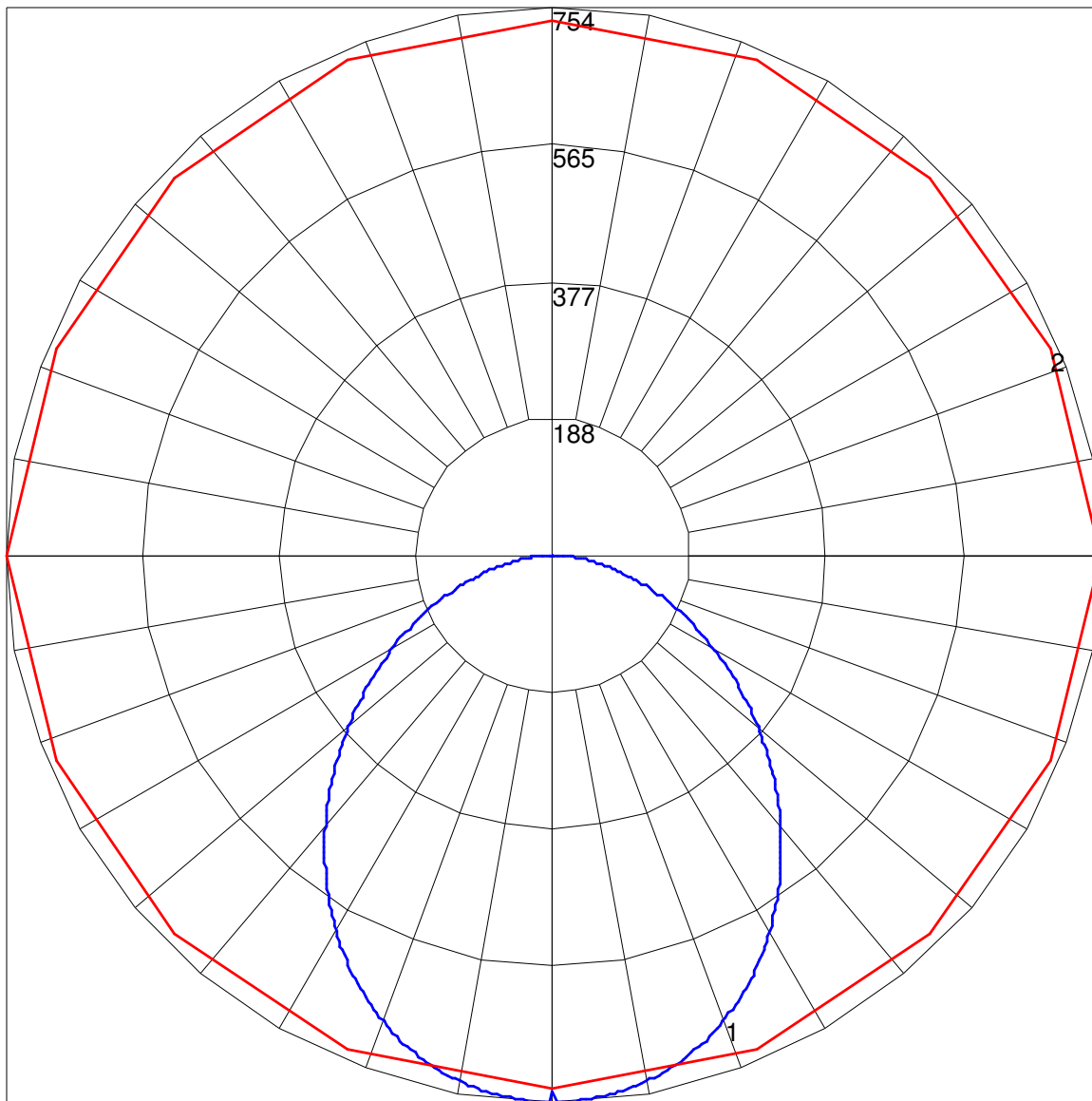
Reflectances

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	21.7	23.3	22.1	23.6	23.9	20.6	22.1	20.9	22.5	22.8
	3H	23.4	24.9	23.8	25.2	25.6	22.2	23.7	22.6	24.0	24.3
	4H	24.1	25.4	24.5	25.7	26.1	22.8	24.2	23.2	24.5	24.9
	6H	24.5	25.7	24.9	26.1	26.5	23.3	24.5	23.7	24.9	25.3
	8H	24.7	25.8	25.1	26.2	26.6	23.5	24.6	23.9	25.0	25.4
	12H	24.7	25.9	25.2	26.3	26.7	23.6	24.7	24.0	25.1	25.5
4H	2H	22.2	23.5	22.6	23.9	24.2	21.2	22.6	21.6	22.9	23.3
	3H	24.1	25.2	24.5	25.6	26.0	23.1	24.2	23.5	24.6	25.0
	4H	24.9	25.9	25.3	26.3	26.7	23.9	24.9	24.3	25.3	25.7
	6H	25.5	26.3	25.9	26.8	27.2	24.4	25.3	24.9	25.8	26.2
	8H	25.7	26.5	26.1	26.9	27.4	24.6	25.5	25.1	25.9	26.4
	12H	25.8	26.5	26.3	27.0	27.5	24.8	25.5	25.3	26.0	26.5
8H	4H	25.1	25.9	25.6	26.4	26.8	24.2	25.0	24.7	25.4	25.9
	6H	25.8	26.5	26.3	27.0	27.4	24.9	25.6	25.4	26.1	26.5
	8H	26.0	26.7	26.6	27.2	27.7	25.1	25.8	25.7	26.3	26.8
	12H	26.3	26.8	26.8	27.3	27.9	25.4	25.9	25.9	26.4	27.0
12H	4H	25.1	25.8	25.6	26.3	26.8	24.2	25.0	24.7	25.4	25.9
	6H	25.8	26.4	26.3	26.9	27.4	25.0	25.6	25.5	26.0	26.6
	8H	26.1	26.7	26.6	27.2	27.7	25.3	25.8	25.8	26.3	26.9

Maximum UGR = 27.9

POLAR GRAPH



Maximum Candela = 753.671 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.)