



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-2-L10-950-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-L10-950-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	1793
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	98
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	20934	18058	16472
55	18661	15869	14527
65	16452	13988	12877
75	13569	11909	11098
85	10236	9551	9202

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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	794.153	794.153	794.153	794.153	794.153
0.5	808.154	794.804	790.245	792.199	788.292
1.0	808.154	794.478	790.245	792.199	787.966
1.5	807.828	794.478	789.920	791.873	787.640
2.0	807.502	793.827	789.268	791.548	786.664
2.5	807.177	793.176	788.943	790.571	786.012
3.0	806.526	792.525	787.966	789.920	784.710
3.5	805.874	791.873	786.989	788.617	783.408
4.0	805.223	791.222	786.012	787.640	782.431
4.5	804.572	790.245	785.036	786.338	780.803
5.0	803.921	789.268	783.408	784.710	779.175
5.5	802.618	787.966	782.105	782.756	776.895
6.0	801.642	786.664	780.477	781.128	774.942
6.5	800.665	785.687	778.849	778.849	772.663
7.0	799.362	784.059	777.221	776.570	770.383
7.5	798.060	782.756	775.267	774.291	767.778
8.0	796.757	780.803	773.314	771.686	765.499
8.5	795.129	779.175	771.035	769.081	762.569
9.0	793.501	777.547	768.755	766.150	759.638
9.5	791.873	775.593	766.150	762.894	756.382
10.0	790.245	773.639	763.546	759.964	753.452
10.5	788.292	771.686	760.941	756.708	749.545
11.0	786.338	769.407	758.010	753.452	745.963
11.5	784.059	767.127	755.080	749.870	742.381
12.0	781.780	764.522	751.824	746.289	738.474
12.5	779.826	761.918	748.568	742.381	734.241
13.0	777.221	759.313	745.312	738.474	730.334
13.5	774.616	756.382	741.730	734.241	726.101
14.0	772.337	753.452	738.474	730.334	721.868
14.5	769.407	750.521	734.567	726.101	717.310
15.0	766.802	747.591	730.985	721.542	713.077
15.5	763.871	744.335	726.752	716.984	708.193
16.0	761.592	741.404	722.845	712.426	703.309
16.5	759.313	738.148	718.612	707.541	698.424
17.0	756.382	734.892	714.379	702.657	693.540
17.5	752.149	731.636	710.146	697.773	688.331
18.0	748.242	728.706	705.913	692.564	682.795
18.5	744.335	724.799	701.355	687.354	677.260
19.0	741.079	720.566	696.796	681.819	671.725
19.5	737.497	716.333	692.238	676.283	665.864
20.0	733.915	712.100	687.354	671.074	659.677
20.5	730.008	707.867	682.795	665.538	653.816
21.0	726.101	703.960	677.911	659.677	647.630
21.5	722.194	699.727	673.027	654.142	641.769
22.0	717.961	695.168	667.818	648.281	635.583
22.5	714.054	690.936	662.933	642.095	629.722
23.0	709.495	686.377	658.375	636.234	623.861
23.5	705.262	681.493	653.165	630.373	617.674
24.0	700.704	676.934	647.304	624.512	611.813
24.5	696.145	672.050	641.769	618.651	605.627
25.0	691.587	667.492	635.908	612.465	599.440
25.5	687.028	662.282	630.373	606.604	593.254
26.0	682.144	657.398	624.512	600.417	587.393
26.5	677.586	652.188	618.977	594.556	581.532

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**CANDELA TABULATION - (Cont.)**

27.0	672.376	647.304	613.116	588.695	575.345
27.5	667.492	641.769	607.580	582.834	568.833
28.0	662.608	636.559	601.720	576.973	562.972
28.5	657.724	631.350	595.859	570.787	557.112
29.0	652.514	625.814	590.323	564.600	551.251
29.5	646.979	620.279	584.462	558.414	545.390
30.0	641.769	614.744	578.602	552.553	539.203
30.5	636.234	609.534	573.066	546.692	533.017
31.0	630.698	603.999	567.205	540.506	526.830
31.5	624.838	598.138	561.019	534.319	520.969
32.0	619.302	592.603	555.158	528.133	514.783
32.5	613.441	586.742	549.297	521.946	508.596
33.0	607.906	580.881	543.110	515.760	502.410
33.5	602.045	575.020	537.250	509.899	496.223
34.0	596.184	569.159	531.389	503.712	490.037
34.5	590.649	562.972	524.877	497.526	483.850
35.0	584.788	557.112	519.016	491.014	477.664
35.5	578.927	550.925	512.829	484.827	471.803
36.0	572.741	545.064	506.968	478.966	465.616
36.5	566.880	538.878	500.782	472.780	459.755
37.0	561.019	532.691	494.595	466.268	453.569
37.5	554.832	526.505	488.409	460.407	448.034
38.0	548.971	520.318	482.222	454.220	441.847
38.5	542.785	514.132	476.361	448.359	435.986
39.0	536.598	507.945	469.849	442.173	430.125
39.5	530.412	501.759	463.663	436.312	424.264
40.0	523.900	495.572	457.476	430.125	418.403
40.5	517.388	489.386	451.290	424.590	412.868
41.0	511.201	483.199	445.103	418.729	406.682
41.5	504.689	476.687	438.917	412.868	400.821
42.0	498.177	470.500	433.056	406.682	395.285
42.5	491.990	463.988	426.869	400.821	389.425
43.0	485.478	457.802	421.008	395.285	383.889
43.5	478.966	451.290	414.496	389.750	378.354
44.0	472.454	445.103	408.635	383.889	372.819
44.5	465.942	438.917	402.449	378.028	367.283
45.0	459.755	432.405	396.588	372.493	361.748
45.5	453.243	426.218	390.727	366.958	356.213
46.0	446.731	420.031	384.866	361.422	351.003
46.5	440.545	413.519	378.680	355.887	345.468
47.0	434.033	407.333	372.819	350.352	340.258
47.5	427.846	401.146	367.283	344.491	335.048
48.0	421.334	394.960	361.422	339.281	329.513
48.5	414.822	388.773	355.887	333.746	324.499
49.0	408.635	382.261	349.701	328.536	319.256
49.5	402.123	376.075	344.165	322.968	314.014
50.0	395.937	370.214	338.304	317.531	308.772
50.5	389.425	364.027	332.769	312.386	303.790
51.0	383.238	357.841	326.908	307.339	298.841
51.5	376.726	351.654	321.405	302.195	293.436
52.0	370.539	345.793	315.675	296.887	288.357
52.5	364.027	339.607	310.009	291.580	283.472
53.0	357.841	333.746	304.409	286.338	278.263
53.5	351.329	327.885	299.069	281.421	273.541
54.0	345.142	321.731	293.664	276.570	268.560
54.5	338.956	315.707	288.161	271.588	263.676

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**CANDELA TABULATION - (Cont.)**

55.0	332.444	309.814	282.691	266.443	258.791
55.5	326.257	303.986	277.384	261.234	253.810
56.0	320.038	298.190	272.206	256.219	249.088
56.5	313.949	292.459	266.932	251.498	244.400
57.0	307.828	286.663	261.722	246.842	239.906
57.5	301.837	280.998	256.675	241.925	235.250
58.0	295.878	275.430	251.530	236.911	230.464
58.5	290.115	269.862	246.288	231.994	225.808
59.0	284.221	264.457	241.079	227.240	221.445
59.5	278.426	259.052	235.999	222.584	216.951
60.0	272.597	253.712	231.115	218.058	212.328
60.5	266.932	248.372	226.296	213.500	207.802
61.0	261.299	243.000	221.412	208.844	203.439
61.5	255.633	237.627	216.332	204.155	198.945
62.0	249.968	232.417	211.383	199.531	194.452
62.5	244.335	227.273	206.695	195.070	190.089
63.0	238.669	222.031	202.201	190.707	185.823
63.5	232.971	216.821	197.708	186.605	181.558
64.0	227.305	211.579	193.084	182.502	177.292
64.5	221.640	206.369	188.298	178.074	173.125
65.0	215.942	201.224	183.609	173.450	169.022
65.5	210.276	196.047	179.181	169.282	164.984
66.0	204.643	190.870	174.850	165.538	161.110
66.5	198.978	185.726	170.455	161.696	157.170
67.0	193.345	180.646	165.864	157.528	153.132
67.5	187.744	175.599	161.240	153.035	149.030
68.0	182.144	170.487	156.616	148.411	144.829
68.5	176.609	165.408	152.025	144.113	140.662
69.0	171.138	160.328	147.662	140.108	136.624
69.5	165.668	155.379	143.364	136.136	132.554
70.0	160.231	150.430	138.806	131.773	128.256
70.5	154.891	145.448	134.150	127.084	123.991
71.0	149.518	140.466	129.559	122.591	119.790
71.5	144.243	135.550	125.065	118.553	115.720
72.0	139.001	130.796	120.767	114.809	111.780
72.5	133.824	126.107	116.632	110.934	108.003
73.0	128.745	121.451	112.432	106.799	104.161
73.5	123.698	116.762	108.101	102.664	100.189
74.0	118.748	112.139	103.771	98.691	96.412
74.5	113.864	107.613	99.668	94.947	92.863
75.0	109.078	103.217	95.728	91.267	89.216
75.5	104.357	98.854	91.853	87.555	85.472
76.0	99.700	94.523	87.881	83.876	81.922
76.5	95.109	90.160	83.941	80.099	78.438
77.0	90.551	85.895	79.969	76.387	74.824
77.5	86.090	81.694	76.192	72.740	71.145
78.0	81.629	77.527	72.512	69.191	67.661
78.5	77.234	73.424	68.833	65.675	64.340
79.0	72.968	69.419	65.154	62.223	61.051
79.5	68.735	65.479	61.539	58.837	57.795
80.0	64.600	61.605	58.023	55.451	54.506
80.5	60.498	57.795	54.539	52.097	51.153
81.0	56.525	54.051	51.022	48.808	47.864
81.5	52.650	50.404	47.636	45.617	44.738
82.0	48.841	46.887	44.413	42.557	41.743
82.5	45.129	43.436	41.222	39.594	38.845

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**CANDELA TABULATION - (Cont.)**

83.0	41.482	40.017	38.096	36.598	36.012
83.5	37.901	36.631	34.938	33.635	33.179
84.0	34.417	33.375	31.779	30.705	30.281
84.5	31.030	30.184	28.718	27.839	27.481
85.0	27.709	27.058	25.853	25.072	24.909
85.5	24.453	23.965	23.053	22.467	22.499
86.0	21.295	20.904	20.318	20.057	20.057
86.5	18.234	17.973	17.583	17.518	17.583
87.0	15.238	15.141	14.913	14.913	15.010
87.5	12.373	12.275	12.308	12.471	12.536
88.0	9.605	9.670	9.964	10.191	10.289
88.5	7.033	7.261	7.815	7.880	7.945
89.0	4.754	5.112	5.438	4.917	4.884
89.5	3.289	3.386	2.540	2.409	2.670
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-L10-950-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-L10-950-DMA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	281.19	N.A.	15.70
0-30	575.68	N.A.	32.10
0-40	903.54	N.A.	50.40
0-60	1473.2	N.A.	82.20
0-80	1762.84	N.A.	98.30
0-90	1792.51	N.A.	100.00
10-90	1718.01	N.A.	95.80
20-40	622.35	N.A.	34.70
20-50	933.46	N.A.	52.10
40-70	755.79	N.A.	42.20
60-80	289.64	N.A.	16.20
70-80	103.51	N.A.	5.80
80-90	29.67	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	1792.51	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	74.50
10-20	206.69
20-30	294.49
30-40	327.86
40-50	311.12
50-60	258.54
60-70	186.13
70-80	103.51
80-90	29.67
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-L10-950-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	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-L10-950-DMA-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

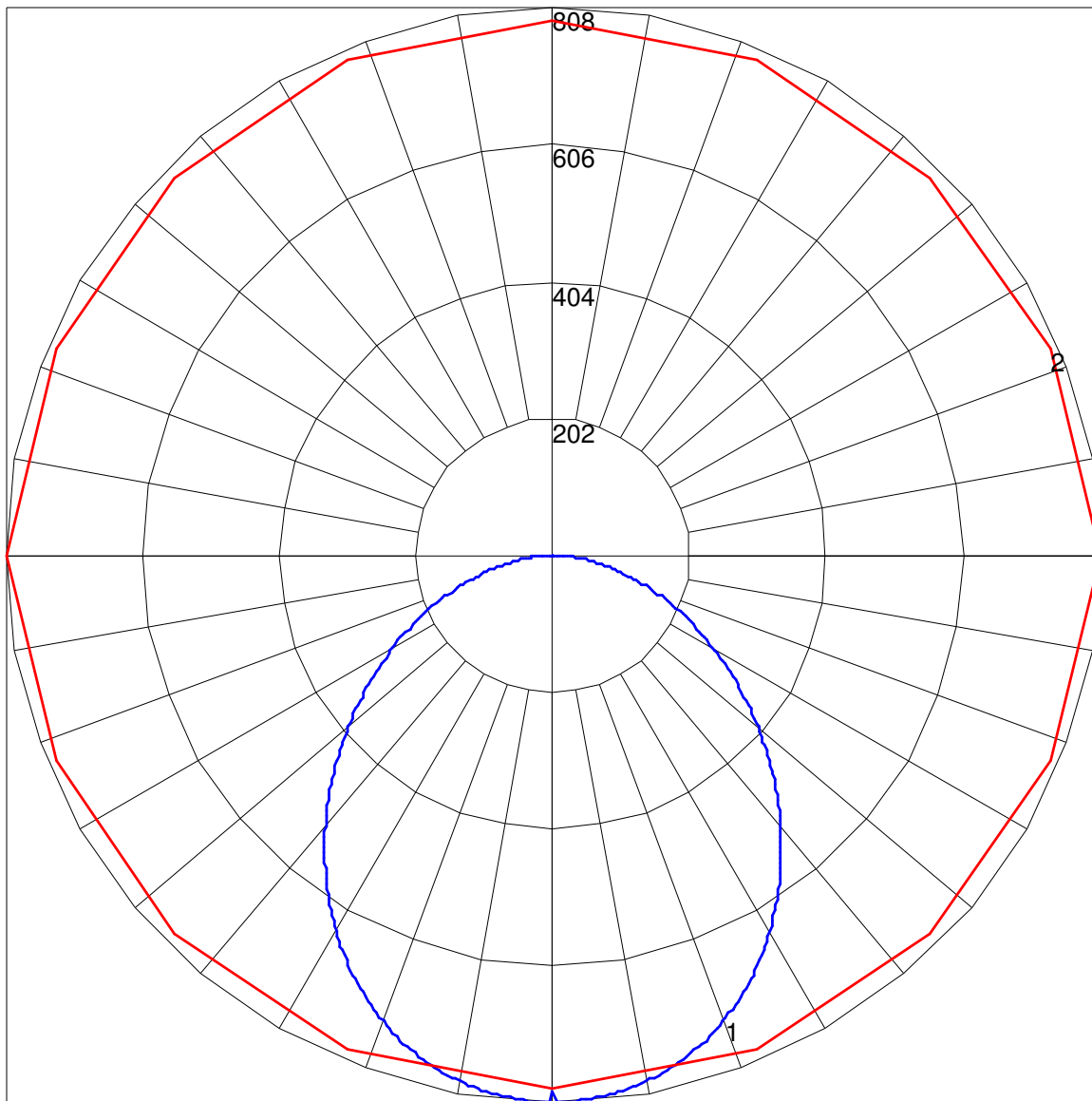
Reflectances

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	21.9	23.5	22.3	23.8	24.1	20.8	22.3	21.1	22.6	23.0
	3H	23.6	25.1	24.0	25.4	25.8	22.4	23.9	22.8	24.2	24.5
	4H	24.3	25.6	24.7	25.9	26.3	23.0	24.4	23.4	24.7	25.1
	6H	24.7	25.9	25.1	26.3	26.7	23.5	24.7	23.9	25.1	25.5
	8H	24.9	26.0	25.3	26.4	26.8	23.7	24.8	24.1	25.2	25.6
	12H	24.9	26.1	25.4	26.5	26.9	23.8	24.9	24.2	25.3	25.7
4H	2H	22.4	23.7	22.8	24.1	24.4	21.4	22.8	21.8	23.1	23.5
	3H	24.3	25.4	24.7	25.8	26.2	23.3	24.4	23.7	24.8	25.2
	4H	25.1	26.1	25.5	26.5	26.9	24.1	25.1	24.5	25.5	25.9
	6H	25.7	26.5	26.1	27.0	27.4	24.6	25.5	25.1	26.0	26.4
	8H	25.8	26.7	26.3	27.1	27.6	24.8	25.6	25.3	26.1	26.6
	12H	26.0	26.7	26.5	27.2	27.7	25.0	25.7	25.5	26.2	26.7
8H	4H	25.3	26.1	25.8	26.5	27.0	24.4	25.2	24.8	25.6	26.1
	6H	26.0	26.7	26.5	27.2	27.6	25.1	25.8	25.6	26.3	26.7
	8H	26.2	26.9	26.7	27.4	27.8	25.3	26.0	25.9	26.5	27.0
	12H	26.5	27.0	27.0	27.5	28.1	25.6	26.1	26.1	26.6	27.2
12H	4H	25.3	26.0	25.8	26.5	27.0	24.4	25.2	24.9	25.6	26.1
	6H	26.0	26.6	26.5	27.1	27.6	25.1	25.8	25.7	26.2	26.8
	8H	26.3	26.9	26.8	27.4	27.9	25.5	26.0	26.0	26.5	27.1

Maximum UGR = 28.1

POLAR GRAPH



Maximum Candela = 808.154 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.)