



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-8-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] LRX2-8-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	7170
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	98
Total Luminaire Watts	72.8
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)	8.00 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	16451	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	3176.610	3176.610	3176.610	3176.610	3176.610
0.5	3232.614	3179.215	3160.981	3168.795	3153.166
1.0	3232.614	3177.912	3160.981	3168.795	3151.864
1.5	3231.311	3177.912	3159.678	3167.493	3150.561
2.0	3230.009	3175.307	3157.073	3166.190	3146.654
2.5	3228.707	3172.702	3155.771	3162.283	3144.049
3.0	3226.102	3170.098	3151.864	3159.678	3138.839
3.5	3223.497	3167.493	3147.956	3154.469	3133.630
4.0	3220.892	3164.888	3144.049	3150.561	3129.722
4.5	3218.287	3160.981	3140.142	3145.352	3123.210
5.0	3215.682	3157.073	3133.630	3138.839	3116.698
5.5	3210.473	3151.864	3128.420	3131.025	3107.581
6.0	3206.565	3146.654	3121.908	3124.513	3099.767
6.5	3202.658	3142.747	3115.396	3115.396	3090.650
7.0	3197.448	3136.235	3108.884	3106.279	3081.533
7.5	3192.239	3131.025	3101.069	3097.162	3071.113
8.0	3187.029	3123.210	3093.255	3086.743	3061.996
8.5	3180.517	3116.698	3084.138	3076.323	3050.275
9.0	3174.005	3110.186	3075.021	3064.601	3038.553
9.5	3167.493	3102.372	3064.601	3051.577	3025.529
10.0	3160.981	3094.557	3054.182	3039.855	3013.807
10.5	3153.166	3086.743	3043.763	3026.831	2998.178
11.0	3145.352	3077.626	3032.041	3013.807	2983.851
11.5	3136.235	3068.509	3020.319	2999.480	2969.524
12.0	3127.118	3058.089	3007.295	2985.154	2953.895
12.5	3119.303	3047.670	2994.270	2969.524	2936.964
13.0	3108.884	3037.250	2981.246	2953.895	2921.335
13.5	3098.464	3025.529	2966.920	2936.964	2904.403
14.0	3089.347	3013.807	2953.895	2921.335	2887.472
14.5	3077.626	3002.085	2938.266	2904.403	2869.238
15.0	3067.206	2990.363	2923.940	2886.169	2852.306
15.5	3055.484	2977.339	2907.008	2867.935	2832.770
16.0	3046.367	2965.617	2891.379	2849.702	2813.234
16.5	3037.250	2952.593	2874.448	2830.165	2793.697
17.0	3025.529	2939.569	2857.516	2810.629	2774.161
17.5	3008.597	2926.544	2840.585	2791.092	2753.322
18.0	2992.968	2914.823	2823.653	2770.254	2731.181
18.5	2977.339	2899.194	2805.419	2749.415	2709.040
19.0	2964.315	2882.262	2787.185	2727.274	2686.899
19.5	2949.988	2865.331	2768.951	2705.133	2663.455
20.0	2935.661	2848.399	2749.415	2684.294	2638.709
20.5	2920.032	2831.468	2731.181	2662.153	2615.265
21.0	2904.403	2815.839	2711.645	2638.709	2590.519
21.5	2888.774	2798.907	2692.108	2616.568	2567.076
22.0	2871.843	2780.673	2671.270	2593.124	2542.330
22.5	2856.214	2763.742	2651.733	2568.378	2518.886
23.0	2837.980	2745.508	2633.499	2544.935	2495.442
23.5	2821.048	2725.971	2612.661	2521.491	2470.696
24.0	2802.814	2707.737	2589.217	2498.047	2447.253
24.5	2784.580	2688.201	2567.076	2474.604	2422.507
25.0	2766.346	2669.967	2543.632	2449.858	2397.761
25.5	2748.113	2649.128	2521.491	2426.414	2373.015
26.0	2728.576	2629.592	2498.047	2401.668	2349.571
26.5	2710.342	2608.753	2475.906	2378.224	2326.127

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CANDELA TABULATION - (Cont.)

27.0	2689.503	2589.217	2452.463	2354.781	2301.381
27.5	2669.967	2567.076	2430.321	2331.337	2275.333
28.0	2650.431	2546.237	2406.878	2307.894	2251.889
28.5	2630.894	2525.398	2383.434	2283.148	2228.446
29.0	2610.056	2503.257	2361.293	2258.401	2205.002
29.5	2587.915	2481.116	2337.849	2233.655	2181.559
30.0	2567.076	2458.975	2314.406	2210.212	2156.812
30.5	2544.935	2438.136	2292.264	2186.768	2132.066
31.0	2522.793	2415.995	2268.821	2162.022	2107.320
31.5	2499.350	2392.551	2244.075	2137.276	2083.877
32.0	2477.209	2370.410	2220.631	2112.530	2059.131
32.5	2453.765	2346.966	2197.188	2087.784	2034.385
33.0	2431.624	2323.523	2172.442	2063.038	2009.639
33.5	2408.180	2300.079	2148.998	2039.594	1984.893
34.0	2384.737	2276.635	2125.554	2014.848	1960.147
34.5	2362.595	2251.889	2099.506	1990.102	1935.401
35.0	2339.152	2228.446	2076.062	1964.054	1910.655
35.5	2315.708	2203.700	2051.316	1939.308	1887.211
36.0	2290.962	2180.256	2027.873	1915.864	1862.465
36.5	2267.518	2155.510	2003.127	1891.118	1839.021
37.0	2244.075	2130.764	1978.381	1865.070	1814.275
37.5	2219.329	2106.018	1953.635	1841.626	1792.134
38.0	2195.885	2081.272	1928.888	1816.880	1767.388
38.5	2171.139	2056.526	1905.445	1793.436	1743.944
39.0	2146.393	2031.780	1879.396	1768.690	1720.501
39.5	2121.647	2007.034	1854.650	1745.247	1697.057
40.0	2095.599	1982.288	1829.904	1720.501	1673.614
40.5	2069.550	1957.542	1805.158	1698.360	1651.472
41.0	2044.804	1932.796	1780.412	1674.916	1626.726
41.5	2018.756	1906.747	1755.666	1651.472	1603.283
42.0	1992.707	1882.001	1732.223	1626.726	1581.142
42.5	1967.961	1855.953	1707.477	1603.283	1557.698
43.0	1941.913	1831.207	1684.033	1581.142	1535.557
43.5	1915.864	1805.158	1657.984	1559.000	1513.416
44.0	1889.816	1780.412	1634.541	1535.557	1491.274
44.5	1863.767	1755.666	1609.795	1512.113	1469.133
45.0	1839.021	1729.618	1586.351	1489.972	1446.992
45.5	1812.973	1704.872	1562.908	1467.831	1424.851
46.0	1786.924	1680.126	1539.464	1445.690	1404.012
46.5	1762.178	1654.077	1514.718	1423.548	1381.871
47.0	1736.130	1629.331	1491.274	1401.407	1361.032
47.5	1711.384	1604.585	1469.133	1377.964	1340.193
48.0	1685.335	1579.839	1445.690	1357.125	1318.052
48.5	1659.287	1555.093	1423.548	1334.984	1297.995
49.0	1634.541	1529.045	1398.802	1314.145	1277.026
49.5	1608.492	1504.299	1376.661	1291.873	1256.057
50.0	1583.746	1480.855	1353.217	1270.123	1235.088
50.5	1557.698	1456.109	1331.076	1249.545	1215.161
51.0	1532.952	1431.363	1307.633	1229.357	1195.364
51.5	1506.903	1406.617	1285.622	1208.779	1173.744
52.0	1482.157	1383.173	1262.699	1187.549	1153.426
52.5	1456.109	1358.427	1240.037	1166.320	1133.889
53.0	1431.363	1334.984	1217.635	1145.351	1113.051
53.5	1405.314	1311.540	1196.276	1125.684	1094.166
54.0	1380.568	1286.924	1174.655	1106.278	1074.238
54.5	1355.822	1262.829	1152.644	1086.351	1054.702

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55.0	1329.774	1239.255	1130.764	1065.773	1035.166
55.5	1305.028	1215.942	1109.534	1044.934	1015.239
56.0	1280.152	1192.759	1088.826	1024.877	996.354
56.5	1255.796	1169.836	1067.726	1005.992	977.599
57.0	1231.311	1146.653	1046.888	987.367	959.625
57.5	1207.346	1123.991	1026.700	967.700	941.001
58.0	1183.512	1101.720	1006.122	947.643	921.855
58.5	1160.459	1079.448	985.153	927.976	903.230
59.0	1136.885	1057.828	964.314	908.961	885.778
59.5	1113.702	1036.208	943.996	890.336	867.804
60.0	1090.389	1014.848	924.460	872.233	849.310
60.5	1067.726	993.488	905.184	853.999	831.206
61.0	1045.194	971.998	885.648	835.374	813.754
61.5	1022.532	950.508	865.330	816.619	795.780
62.0	999.870	929.670	845.533	798.125	777.807
62.5	977.338	909.091	826.778	780.282	760.355
63.0	954.676	888.122	808.805	762.829	743.293
63.5	931.884	867.283	790.831	746.419	726.231
64.0	909.221	846.314	772.337	730.008	709.169
64.5	886.559	825.476	753.191	712.295	692.498
65.0	863.767	804.897	734.436	693.801	676.088
65.5	841.105	784.189	716.723	677.130	659.938
66.0	818.573	763.480	699.401	662.152	644.439
66.5	795.911	742.902	681.818	646.783	628.680
67.0	773.379	722.584	663.454	630.112	612.530
67.5	750.977	702.397	644.960	612.139	596.119
68.0	728.575	681.949	626.465	593.644	579.318
68.5	706.434	661.631	608.101	576.452	562.647
69.0	684.554	641.313	590.649	560.433	546.497
69.5	662.673	621.516	573.457	544.543	530.216
70.0	640.922	601.719	555.223	527.091	513.024
70.5	619.563	581.792	536.598	508.336	495.963
71.0	598.073	561.865	518.234	490.362	479.161
71.5	576.973	542.199	500.261	474.212	462.881
72.0	556.004	523.183	483.069	459.234	447.122
72.5	535.296	504.428	466.528	443.736	432.014
73.0	514.978	485.804	449.727	427.195	416.645
73.5	494.790	467.049	432.404	410.654	400.756
74.0	474.994	448.554	415.082	394.764	385.647
74.5	455.457	430.451	398.672	379.787	371.451
75.0	436.312	412.868	382.912	365.069	356.864
75.5	417.427	395.416	367.414	350.222	341.886
76.0	398.802	378.093	351.524	335.504	327.690
76.5	380.438	360.641	335.765	320.396	313.754
77.0	362.204	343.579	319.875	305.548	299.297
77.5	344.361	326.778	304.767	290.961	284.579
78.0	326.517	310.107	290.050	276.765	270.643
78.5	308.935	293.696	275.332	262.699	257.359
79.0	291.873	277.677	260.615	248.893	244.204
79.5	274.941	261.917	246.158	235.348	231.180
80.0	258.401	246.418	232.092	221.803	218.026
80.5	241.990	231.180	218.156	208.388	204.611
81.0	226.101	216.202	204.090	195.233	191.456
81.5	210.602	201.615	190.544	182.469	178.953
82.0	195.363	187.549	177.650	170.227	166.971
82.5	180.516	173.743	164.887	158.375	155.379

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CANDELA TABULATION - (Cont.)

83.0	165.929	160.068	152.383	146.392	144.048
83.5	151.602	146.523	139.750	134.540	132.717
84.0	137.666	133.498	127.116	122.818	121.125
84.5	124.121	120.735	114.874	111.357	109.925
85.0	110.836	108.231	103.412	100.287	99.635
85.5	97.812	95.858	92.212	89.867	89.997
86.0	85.178	83.616	81.271	80.229	80.229
86.5	72.936	71.894	70.331	70.070	70.331
87.0	60.953	60.563	59.651	59.651	60.042
87.5	49.492	49.101	49.232	49.883	50.143
88.0	38.421	38.682	39.854	40.766	41.157
88.5	28.132	29.044	31.258	31.519	31.779
89.0	19.015	20.448	21.750	19.667	19.536
89.5	13.154	13.545	10.159	9.638	10.680
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-8-L10-950-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 : LRX2-8-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 : LRX2-8-L10-950-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1124.76	N.A.	15.70
0-30	2302.71	N.A.	32.10
0-40	3614.15	N.A.	50.40
0-60	5892.78	N.A.	82.20
0-80	7051.36	N.A.	98.30
0-90	7170.04	N.A.	100.00
10-90	6872.02	N.A.	95.80
20-40	2489.39	N.A.	34.70
20-50	3733.85	N.A.	52.10
40-70	3023.16	N.A.	42.20
60-80	1158.58	N.A.	16.20
70-80	414.06	N.A.	5.80
80-90	118.67	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	7170.04	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	298.02
10-20	826.74
20-30	1177.95
30-40	1311.44
40-50	1244.47
50-60	1034.17
60-70	744.52
70-80	414.06
80-90	118.67
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 : LRX2-8-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	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 : LRX2-8-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

X=2H	Y=2H	21.9	23.5	22.3	23.8	24.1	20.8	22.3	21.1	22.6	22.9
	3H	23.6	25.1	24.0	25.4	25.7	22.4	23.8	22.8	24.2	24.5
	4H	24.2	25.6	24.6	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	24.8	26.0	25.3	26.4	26.8	23.6	24.8	24.1	25.2	25.6
	12H	24.9	26.1	25.4	26.4	26.9	23.7	24.9	24.2	25.3	25.7

UGR Viewed Endwise

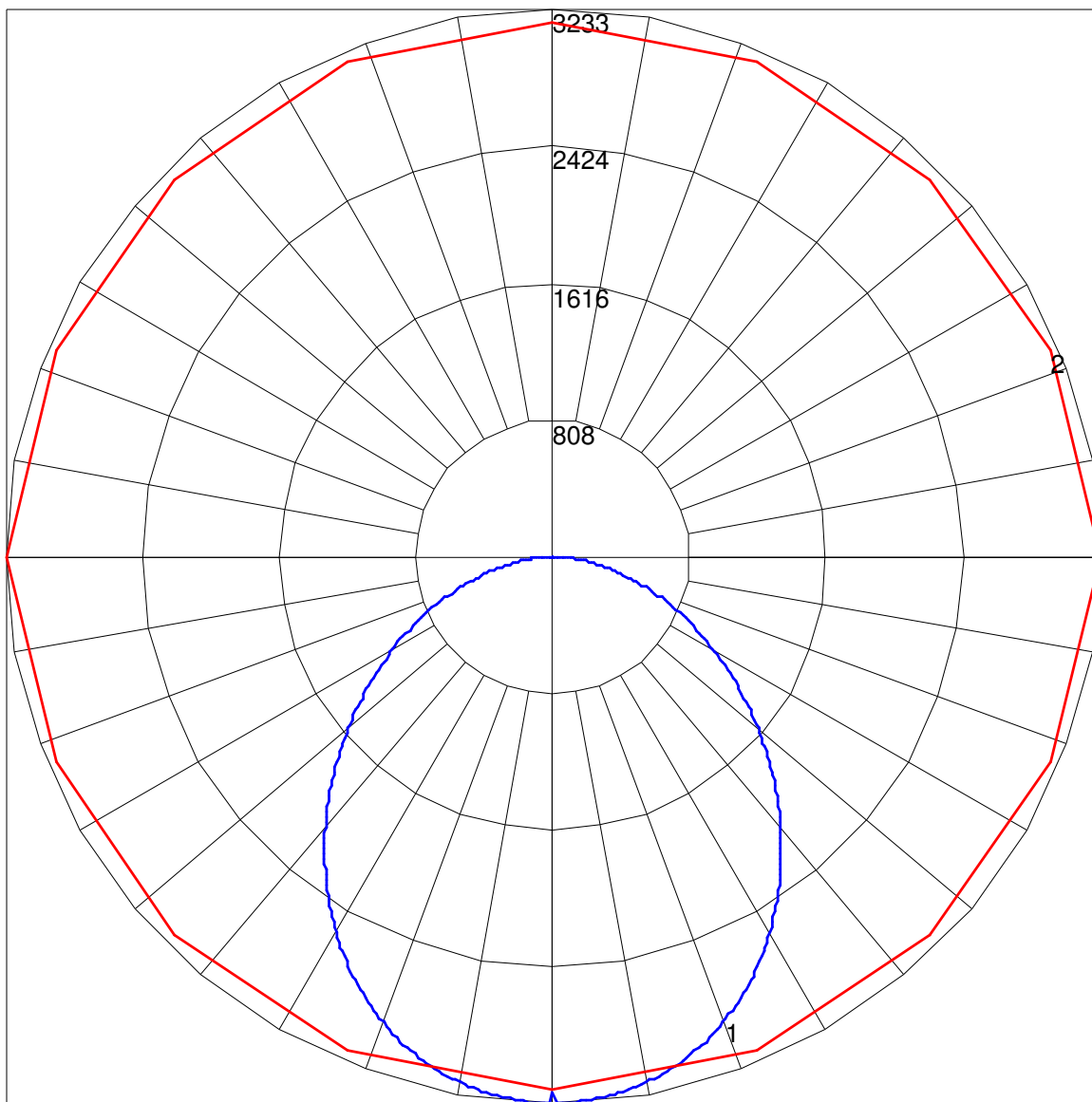
4H	2H	22.4	23.7	22.8	24.0	24.4	21.4	22.7	21.8	23.1	23.5
	3H	24.3	25.4	24.7	25.8	26.2	23.3	24.4	23.7	24.8	25.2
	4H	25.1	26.1	25.5	26.5	26.9	24.0	25.0	24.5	25.5	25.9
	6H	25.6	26.5	26.1	27.0	27.4	24.6	25.5	25.1	25.9	26.4
	8H	25.8	26.6	26.3	27.1	27.6	24.8	25.6	25.3	26.1	26.5
	12H	26.0	26.7	26.5	27.2	27.7	25.0	25.7	25.5	26.2	26.6

8H	4H	25.3	26.1	25.7	26.5	27.0	24.4	25.2	24.8	25.6	26.1
	6H	26.0	26.6	26.5	27.1	27.6	25.1	25.7	25.6	26.2	26.7
	8H	26.2	26.8	26.7	27.3	27.8	25.3	25.9	25.8	26.5	26.9
	12H	26.5	27.0	27.0	27.5	28.0	25.6	26.1	26.1	26.6	27.2

12H	4H	25.3	26.0	25.8	26.5	27.0	24.4	25.1	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 = 28.0

POLAR GRAPH



Maximum Candela = 3232.614 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.)