

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-8-L12-840-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.01

[TESTLAB] UL, LLC

[ISSUEDATE] 2026-05-12

[TESTDATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX2x-8-L12-840-DMA-DIM-UNV_

[LUMINAIRE] Nominal 2" x 8' linear fixture (CRS construction)

[MORE] with diffused acrylic shielding

[OTHER] This test was performed using the calibrated photodetector method

[MORE] of absolute photometry.

[OTHER] The reported results were measured in a facility that meets the

[MORE] requirements of ANSI/IES LM-75-19. The device under test emits no

[MORE] detectable uplight as defined by ANSI/IES LM-75-19.

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	10044
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	103
Total Luminaire Watts	97.6
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.04
Spacing Criterion (Diagonal)	1.20
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	8.00 ft
Luminous Width (90-270)	0.23 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	21450	18571	16200
55	18957	15899	13155
65	16261	12795	10328
75	13046	9123	7087
85	8589	2719	1472

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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	4777.309	4777.309	4777.309	4777.309	4777.309
0.5	4784.755	4769.863	4781.776	4778.798	4765.395
1.0	4781.776	4768.374	4781.776	4777.309	4763.906
1.5	4780.287	4765.395	4777.309	4772.841	4759.439
2.0	4778.798	4763.906	4775.820	4769.863	4754.971
2.5	4775.820	4760.928	4771.352	4763.906	4750.503
3.0	4772.841	4757.949	4766.885	4757.949	4743.058
3.5	4768.374	4753.482	4759.439	4749.014	4735.612
4.0	4763.906	4747.525	4753.482	4741.568	4725.187
4.5	4759.439	4741.568	4744.547	4731.144	4713.274
5.0	4756.460	4735.612	4737.101	4719.231	4702.850
5.5	4747.525	4728.166	4726.677	4708.806	4690.936
6.0	4741.568	4720.720	4716.252	4695.404	4677.533
6.5	4734.122	4711.785	4705.828	4680.512	4662.642
7.0	4725.187	4701.360	4693.914	4667.109	4644.771
7.5	4716.252	4692.425	4680.512	4649.239	4626.901
8.0	4707.317	4682.001	4667.109	4632.858	4607.542
8.5	4696.893	4670.087	4652.217	4614.988	4591.161
9.0	4684.979	4658.174	4637.325	4595.628	4571.801
9.5	4674.555	4647.750	4620.944	4576.269	4549.463
10.0	4662.642	4634.347	4604.563	4555.420	4527.126
10.5	4652.217	4620.944	4586.693	4533.082	4503.299
11.0	4638.815	4606.052	4567.334	4510.745	4476.493
11.5	4626.901	4592.650	4547.974	4486.918	4454.155
12.0	4617.966	4579.247	4527.126	4463.091	4428.839
12.5	4598.607	4564.355	4506.277	4436.285	4403.523
13.0	4580.736	4546.485	4485.428	4410.969	4375.229
13.5	4565.844	4525.636	4463.091	4385.653	4346.934
14.0	4547.974	4506.277	4439.264	4357.358	4318.640
14.5	4530.104	4485.428	4415.437	4329.064	4288.856
15.0	4512.234	4466.069	4393.099	4300.769	4257.583
15.5	4494.363	4446.710	4369.272	4269.496	4226.310
16.0	4475.004	4425.861	4345.445	4239.713	4196.526
16.5	4457.134	4403.523	4318.640	4209.929	4163.764
17.0	4434.796	4381.185	4288.856	4177.167	4129.513
17.5	4413.947	4358.848	4260.561	4145.894	4096.751
18.0	4394.588	4335.021	4232.267	4113.132	4061.010
18.5	4370.761	4311.194	4202.483	4078.881	4026.759
19.0	4348.423	4287.367	4172.699	4047.608	3992.508
19.5	4327.575	4262.050	4142.916	4011.867	3953.789
20.0	4302.258	4236.734	4113.132	3976.127	3918.048
20.5	4279.921	4212.907	4083.348	3941.875	3882.308
21.0	4256.094	4186.102	4050.586	3907.624	3845.078
21.5	4230.778	4159.297	4017.824	3871.884	3807.849
22.0	4205.461	4132.491	3986.551	3834.654	3770.619
22.5	4180.145	4104.197	3955.278	3797.424	3733.389
23.0	4153.340	4077.391	3921.027	3760.195	3694.671
23.5	4128.024	4049.097	3886.776	3724.454	3655.952
24.0	4098.240	4019.313	3852.524	3685.735	3618.722
24.5	4071.435	3989.529	3816.784	3648.506	3580.003
25.0	4043.140	3959.746	3784.022	3609.787	3541.284
25.5	4014.846	3929.962	3748.281	3571.068	3501.076
26.0	3986.551	3897.200	3712.541	3533.838	3462.358
26.5	3956.767	3867.416	3676.800	3495.120	3422.150

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CANDELA TABULATION - (Cont.)

27.0	3925.494	3834.654	3641.060	3456.401	3383.431
27.5	3894.222	3803.381	3603.830	3417.682	3343.223
28.0	3859.970	3770.619	3568.090	3378.963	3303.015
28.5	3825.719	3737.857	3532.349	3341.733	3262.807
29.0	3794.446	3705.095	3493.630	3301.525	3222.599
29.5	3763.173	3670.844	3456.401	3261.317	3180.901
30.0	3728.922	3636.592	3420.660	3222.599	3143.672
30.5	3697.649	3603.830	3383.431	3182.391	3103.464
31.0	3663.398	3569.579	3346.201	3142.183	3064.745
31.5	3632.125	3533.838	3307.482	3103.464	3026.026
32.0	3597.873	3498.098	3270.253	3063.256	2985.818
32.5	3563.622	3462.358	3231.534	3021.558	2945.610
33.0	3530.860	3426.617	3194.304	2982.840	2906.891
33.5	3496.609	3392.366	3157.074	2945.610	2868.172
34.0	3460.868	3355.136	3118.356	2905.402	2827.964
34.5	3426.617	3319.396	3081.126	2866.683	2790.735
35.0	3390.877	3283.655	3042.407	2827.964	2749.037
35.5	3358.115	3246.426	3003.688	2789.245	2708.829
36.0	3322.374	3210.685	2966.459	2749.037	2665.643
36.5	3286.634	3173.455	2927.740	2708.829	2628.413
37.0	3252.382	3136.226	2889.021	2667.132	2589.695
37.5	3215.153	3098.996	2853.280	2628.413	2552.465
38.0	3176.434	3063.256	2814.562	2591.184	2513.746
38.5	3140.693	3024.537	2775.843	2553.954	2476.516
39.0	3106.442	2987.307	2734.146	2515.235	2439.287
39.5	3067.723	2950.078	2693.938	2478.006	2402.057
40.0	3031.983	2912.848	2655.219	2442.265	2364.827
40.5	2994.753	2875.618	2617.989	2403.546	2327.598
41.0	2954.545	2838.389	2580.759	2367.806	2290.368
41.5	2917.315	2799.670	2542.041	2330.576	2254.628
42.0	2878.597	2760.951	2506.300	2294.836	2217.398
42.5	2839.878	2720.743	2467.581	2257.606	2181.658
43.0	2802.648	2679.046	2433.330	2221.866	2144.428
43.5	2762.440	2641.816	2396.100	2186.125	2107.198
44.0	2720.743	2604.586	2358.871	2150.385	2069.969
44.5	2677.557	2565.868	2323.130	2114.644	2032.739
45.0	2640.327	2528.638	2285.901	2078.904	1994.020
45.5	2603.097	2491.408	2250.160	2043.163	1956.790
46.0	2564.378	2454.179	2212.930	2005.934	1921.050
46.5	2525.660	2416.949	2177.190	1970.193	1883.820
47.0	2486.941	2379.719	2142.939	1932.963	1848.080
47.5	2449.711	2342.490	2107.198	1897.223	1812.339
48.0	2410.992	2305.260	2071.458	1859.993	1776.599
48.5	2373.763	2269.520	2035.717	1824.253	1740.858
49.0	2336.533	2232.290	2001.466	1788.512	1705.118
49.5	2297.814	2195.060	1965.726	1752.772	1670.867
50.0	2262.074	2159.320	1931.474	1718.521	1638.105
50.5	2224.844	2122.090	1897.223	1682.780	1603.853
51.0	2187.614	2086.350	1862.972	1648.529	1569.602
51.5	2150.385	2050.609	1828.720	1614.278	1536.840
52.0	2113.155	2014.869	1794.469	1580.026	1504.078
52.5	2077.415	1979.128	1760.218	1547.264	1471.018
53.0	2040.185	1944.877	1725.967	1513.013	1437.809
53.5	2002.955	1909.137	1691.715	1480.102	1407.728
54.0	1965.726	1873.396	1657.464	1447.191	1375.114
54.5	1929.985	1837.656	1621.724	1414.876	1343.841

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CANDELA TABULATION - (Cont.)

55.0	1892.755	1803.404	1587.472	1381.965	1313.462
55.5	1857.015	1769.153	1553.221	1350.245	1283.083
56.0	1819.785	1734.902	1517.481	1318.376	1252.405
56.5	1784.045	1699.161	1483.825	1287.401	1221.579
57.0	1746.815	1666.399	1450.020	1256.128	1192.093
57.5	1712.564	1632.148	1416.216	1225.600	1162.310
58.0	1676.823	1597.897	1382.560	1195.221	1133.568
58.5	1639.594	1563.645	1349.649	1165.139	1104.380
59.0	1605.343	1529.394	1316.440	1135.504	1075.490
59.5	1569.602	1496.632	1283.529	1105.870	1047.493
60.0	1535.351	1462.976	1251.214	1077.128	1020.092
60.5	1499.610	1430.214	1219.494	1047.940	992.245
61.0	1465.061	1397.303	1187.775	1019.050	965.141
61.5	1430.512	1364.541	1156.055	990.755	938.783
62.0	1396.112	1331.779	1124.484	963.652	912.126
62.5	1362.456	1299.762	1093.211	936.102	885.619
63.0	1328.801	1267.893	1062.385	908.701	860.005
63.5	1295.890	1236.322	1031.559	881.747	834.987
64.0	1261.936	1204.603	1001.329	855.240	809.224
64.5	1228.876	1173.330	971.247	828.881	784.354
65.0	1196.263	1141.908	941.315	802.969	759.783
65.5	1163.501	1110.784	911.680	777.057	735.211
66.0	1131.335	1080.404	882.343	751.890	710.937
66.5	1099.466	1049.727	853.601	726.425	687.259
67.0	1067.151	1019.050	824.562	701.556	663.730
67.5	1035.431	988.820	796.417	676.984	640.052
68.0	1004.307	957.993	767.824	652.561	616.970
68.5	973.034	927.018	740.423	628.734	594.036
69.0	942.059	895.448	713.022	604.758	571.401
69.5	911.233	864.770	685.919	581.378	549.361
70.0	880.258	833.944	659.114	558.296	526.725
70.5	849.581	803.118	632.606	535.362	505.281
71.0	819.052	772.739	606.397	512.578	483.539
71.5	789.418	742.806	580.634	490.389	461.797
72.0	760.229	713.171	555.317	468.051	440.501
72.5	730.297	684.281	530.299	446.309	419.504
73.0	701.258	655.242	505.728	424.716	399.102
73.5	672.070	626.352	481.603	403.272	378.402
74.0	643.924	598.504	457.776	382.721	358.596
74.5	615.630	570.656	434.396	361.723	338.790
75.0	587.782	542.957	411.015	341.321	319.281
75.5	560.083	516.152	388.380	321.217	300.518
76.0	533.426	489.347	366.191	301.858	281.754
76.5	506.919	463.435	344.151	282.796	263.735
77.0	480.709	437.225	322.707	263.884	246.460
77.5	455.095	411.760	301.560	245.716	229.186
78.0	429.630	386.742	280.712	227.994	212.358
78.5	404.910	362.170	260.012	210.720	195.977
79.0	380.487	337.896	240.057	193.743	179.894
79.5	356.958	313.920	220.697	177.362	163.959
80.0	333.727	290.540	201.934	161.428	148.621
80.5	310.942	267.607	183.766	145.493	133.282
81.0	288.455	244.971	166.491	130.006	118.390
81.5	266.564	223.080	149.514	114.667	103.201
82.0	245.269	201.934	133.431	99.924	88.160
82.5	224.569	181.383	117.646	84.735	72.226

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CANDELA TABULATION - (Cont.)

83.0	204.465	161.428	102.158	69.247	55.100
83.5	184.957	142.068	87.266	52.122	36.783
84.0	166.044	123.751	72.672	34.698	28.443
84.5	147.876	106.179	57.929	26.508	25.167
85.0	130.304	89.500	41.250	23.231	22.338
85.5	113.476	73.864	25.018	20.402	19.657
86.0	97.244	58.972	19.657	17.572	16.977
86.5	81.458	44.973	16.679	14.892	14.296
87.0	66.716	31.273	13.849	12.360	11.765
87.5	52.568	16.530	11.020	9.680	9.382
88.0	39.315	10.424	8.488	7.297	6.850
88.5	27.103	7.744	5.957	5.063	4.765
89.0	16.530	5.063	3.574	2.978	2.829
89.5	7.446	2.681	1.787	1.489	1.191
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 : LRX2X-8-L12-840-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 : LRX2X-8-L12-840-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 : LRX2X-8-L12-840-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1680.03	N.A.	16.70
0-30	3420.11	N.A.	34.10
0-40	5329.27	N.A.	53.10
0-60	8532.62	N.A.	85.00
0-80	9959.09	N.A.	99.20
0-90	10044.03	N.A.	100.00
10-90	9596.76	N.A.	95.50
20-40	3649.24	N.A.	36.30
20-50	5425.83	N.A.	54.00
40-70	4162.39	N.A.	41.40
60-80	1426.47	N.A.	14.20
70-80	467.44	N.A.	4.70
80-90	84.94	N.A.	0.80
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	10044.03	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	447.27
10-20	1232.76
20-30	1740.08
30-40	1909.15
40-50	1776.6
50-60	1426.75
60-70	959.04
70-80	467.44
80-90	84.94
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 : LRX2X-8-L12-840-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	110	106	102	99	107	103	100	97	99	96	94	95	93	91	92	90	88	86
2	101	93	87	82	98	92	86	81	88	83	79	85	81	77	82	79	76	74
3	93	83	76	70	90	82	75	69	79	73	68	76	71	67	73	69	65	63
4	85	74	66	60	83	73	65	60	71	64	59	68	63	58	66	61	57	55
5	79	67	59	52	77	66	58	52	64	57	52	62	56	51	60	55	50	48
6	73	61	52	46	71	60	52	46	58	51	46	56	50	45	55	49	45	43
7	68	55	47	41	67	55	47	41	53	46	41	52	45	41	50	45	40	38
8	64	51	43	37	62	50	42	37	49	42	37	48	41	37	47	41	36	35
9	60	47	39	34	58	46	39	34	45	38	34	44	38	33	43	37	33	31
10	56	43	36	31	55	43	36	31	42	35	31	41	35	31	40	35	30	29

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-8-L12-840-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	22.2	23.7	22.6	24.1	24.4	20.1	21.6	20.4	21.9	22.2
	3H	23.8	25.2	24.2	25.5	25.9	21.3	22.7	21.7	23.0	23.4
	4H	24.4	25.7	24.8	26.0	26.4	21.7	23.0	22.1	23.4	23.7
	6H	24.7	25.9	25.1	26.3	26.7	21.9	23.1	22.3	23.5	23.8
	8H	24.8	26.0	25.3	26.4	26.8	21.9	23.0	22.3	23.4	23.8
	12H	24.9	26.0	25.3	26.4	26.8	21.9	23.0	22.3	23.4	23.8

UGR Viewed Endwise

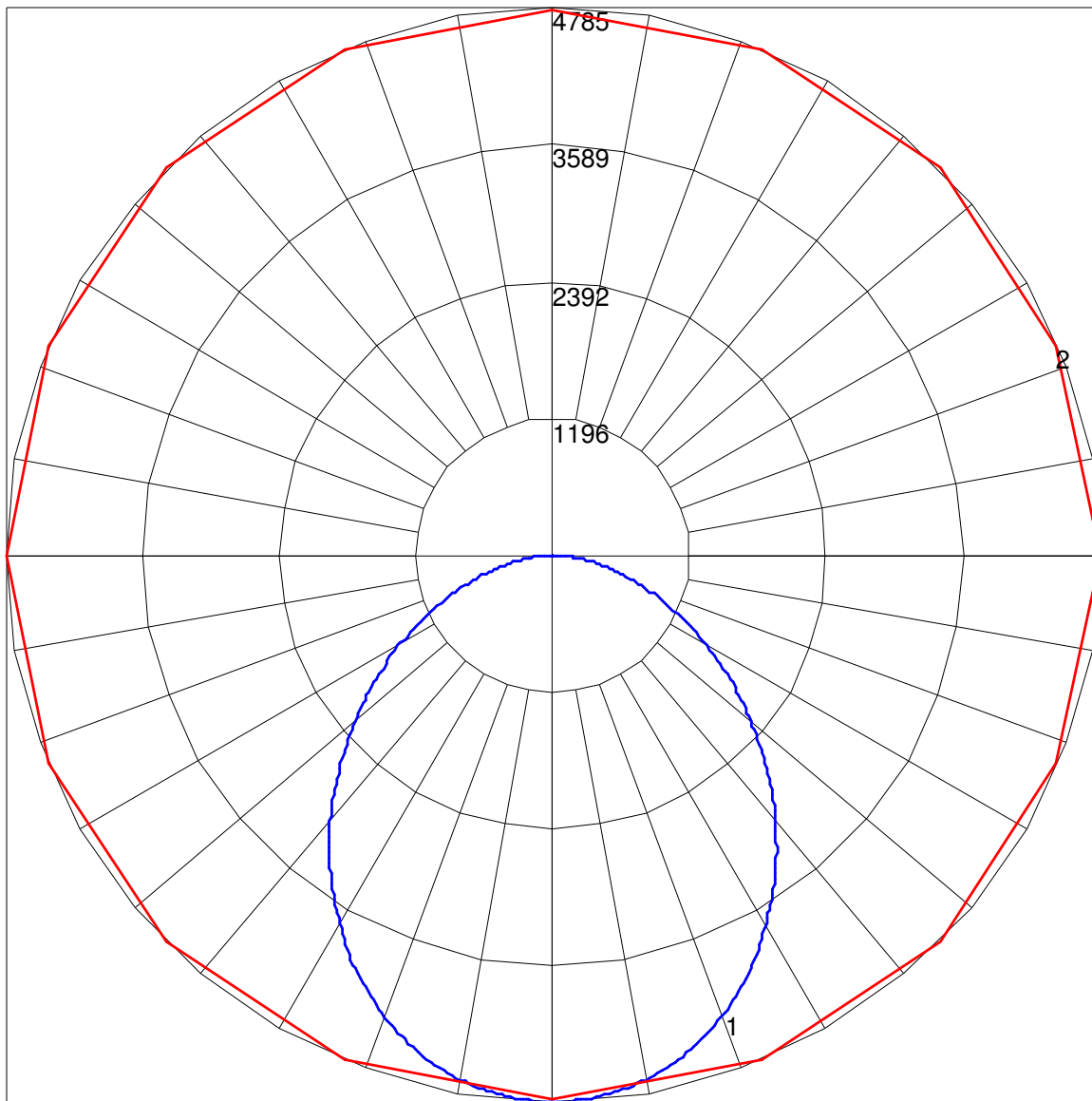
4H	2H	22.5	23.8	22.9	24.2	24.5	20.8	22.1	21.2	22.4	22.8
	3H	24.3	25.4	24.8	25.8	26.2	22.2	23.3	22.6	23.7	24.1
	4H	25.0	26.0	25.5	26.4	26.8	22.7	23.6	23.1	24.1	24.5
	6H	25.5	26.4	26.0	26.8	27.3	22.9	23.8	23.4	24.2	24.7
	8H	25.6	26.4	26.1	26.9	27.3	22.9	23.7	23.4	24.2	24.6
	12H	25.7	26.4	26.2	26.9	27.4	22.9	23.6	23.4	24.1	24.6

8H	4H	25.1	25.9	25.6	26.3	26.8	23.0	23.8	23.4	24.2	24.7
	6H	25.7	26.3	26.2	26.8	27.3	23.3	23.9	23.8	24.4	24.9
	8H	25.9	26.4	26.4	27.0	27.4	23.3	23.9	23.8	24.4	24.9
	12H	26.0	26.5	26.5	27.0	27.6	23.3	23.8	23.8	24.3	24.9

12H	4H	25.1	25.8	25.6	26.3	26.7	23.0	23.7	23.5	24.2	24.6
	6H	25.7	26.3	26.2	26.7	27.3	23.3	23.9	23.9	24.4	24.9
	8H	25.9	26.4	26.4	26.9	27.4	23.4	23.9	23.9	24.4	24.9

Maximum UGR = 27.6

POLAR GRAPH



Maximum Candela = 4784.755 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.)