

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-8-L16-940-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-L16-940-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	11049
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	83
Total Luminaire Watts	132.8
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	23596	20428	17820
55	20853	17489	14471
65	17887	14075	11361
75	14351	10035	7795
85	9448	2991	1620

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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	5255.166	5255.166	5255.166	5255.166	5255.166
0.5	5263.357	5246.975	5260.080	5256.804	5242.061
1.0	5260.080	5245.337	5260.080	5255.166	5240.423
1.5	5258.442	5242.061	5255.166	5250.252	5235.508
2.0	5256.804	5240.423	5253.528	5246.975	5230.594
2.5	5253.528	5237.146	5248.613	5240.423	5225.679
3.0	5250.252	5233.870	5243.699	5233.870	5217.489
3.5	5245.337	5228.956	5235.508	5224.041	5209.298
4.0	5240.423	5222.403	5228.956	5215.851	5197.831
4.5	5235.508	5215.851	5219.127	5204.384	5184.726
5.0	5232.232	5209.298	5210.936	5191.278	5173.259
5.5	5222.403	5201.107	5199.469	5179.811	5160.154
6.0	5215.851	5192.917	5188.002	5165.068	5145.410
6.5	5207.660	5183.088	5176.535	5148.687	5129.029
7.0	5197.831	5171.621	5163.430	5133.943	5109.371
7.5	5188.002	5161.792	5148.687	5114.286	5089.713
8.0	5178.173	5150.325	5133.943	5096.266	5068.418
8.5	5166.706	5137.220	5117.562	5076.608	5050.398
9.0	5153.601	5124.114	5101.180	5055.312	5029.102
9.5	5142.134	5112.647	5083.161	5034.017	5004.530
10.0	5129.029	5097.904	5065.141	5011.083	4979.958
10.5	5117.562	5083.161	5045.484	4986.510	4953.748
11.0	5102.819	5066.779	5024.188	4961.938	4924.261
11.5	5089.713	5052.036	5002.892	4935.728	4899.689
12.0	5079.885	5037.293	4979.958	4909.518	4871.840
12.5	5058.589	5020.911	4957.024	4880.031	4843.992
13.0	5038.931	5001.254	4934.090	4852.183	4812.867
13.5	5022.550	4978.320	4909.518	4824.334	4781.742
14.0	5002.892	4957.024	4883.307	4793.209	4750.618
14.5	4983.234	4934.090	4857.097	4762.085	4717.855
15.0	4963.576	4912.794	4832.525	4730.960	4683.454
15.5	4943.919	4891.498	4806.315	4696.559	4649.053
16.0	4922.623	4868.564	4780.104	4663.796	4616.290
16.5	4902.965	4843.992	4750.618	4631.033	4580.251
17.0	4878.393	4819.420	4717.855	4594.994	4542.573
17.5	4855.459	4794.848	4686.730	4560.593	4506.534
18.0	4834.163	4768.637	4655.605	4524.554	4467.219
18.5	4807.953	4742.427	4622.842	4486.876	4429.541
19.0	4783.381	4716.217	4590.080	4452.475	4391.864
19.5	4760.447	4688.368	4557.317	4413.160	4349.272
20.0	4732.598	4660.520	4524.554	4373.845	4309.957
20.5	4708.026	4634.309	4491.791	4336.167	4270.641
21.0	4681.816	4604.823	4455.752	4298.490	4229.688
21.5	4653.967	4575.336	4419.713	4259.174	4188.734
22.0	4626.119	4545.850	4385.312	4218.221	4147.781
22.5	4598.270	4514.725	4350.911	4177.267	4106.827
23.0	4568.784	4485.238	4313.233	4136.314	4064.235
23.5	4540.935	4454.114	4275.556	4096.998	4021.644
24.0	4508.172	4421.351	4237.879	4054.406	3980.690
24.5	4478.686	4388.588	4198.563	4013.453	3938.098
25.0	4447.561	4355.825	4162.524	3970.861	3895.506
25.5	4416.436	4323.062	4123.208	3928.269	3851.277
26.0	4385.312	4287.023	4083.893	3887.316	3808.685
26.5	4352.549	4254.260	4044.578	3844.724	3764.455

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CANDELA TABULATION - (Cont.)

27.0	4318.148	4218.221	4005.262	3802.132	3721.863
27.5	4283.747	4183.820	3964.309	3759.541	3677.633
28.0	4246.069	4147.781	3924.993	3716.949	3633.403
28.5	4208.392	4111.741	3885.678	3675.995	3589.174
29.0	4173.991	4075.702	3843.086	3631.765	3544.944
29.5	4139.590	4038.025	3802.132	3587.535	3499.076
30.0	4101.913	4000.348	3762.817	3544.944	3458.122
30.5	4067.512	3964.309	3721.863	3500.714	3413.892
31.0	4029.834	3926.631	3680.910	3456.484	3371.300
31.5	3995.433	3887.316	3638.318	3413.892	3328.709
32.0	3957.756	3848.000	3597.364	3369.662	3284.479
32.5	3920.079	3808.685	3554.773	3323.794	3240.249
33.0	3884.039	3769.369	3513.819	3281.202	3197.657
33.5	3846.362	3731.692	3472.865	3240.249	3155.065
34.0	3807.047	3690.738	3430.274	3196.019	3110.835
34.5	3769.369	3651.423	3389.320	3153.427	3069.882
35.0	3730.054	3612.108	3346.728	3110.835	3024.014
35.5	3694.015	3571.154	3304.136	3068.244	2979.784
36.0	3654.699	3531.838	3263.183	3024.014	2932.278
36.5	3615.384	3490.885	3220.591	2979.784	2891.324
37.0	3577.707	3449.931	3177.999	2933.916	2848.732
37.5	3536.753	3408.978	3138.684	2891.324	2807.779
38.0	3494.161	3369.662	3096.092	2850.371	2765.187
38.5	3454.846	3327.070	3053.500	2809.417	2724.233
39.0	3417.168	3286.117	3007.632	2766.825	2683.280
39.5	3374.577	3245.163	2963.403	2725.872	2642.326
40.0	3335.261	3204.210	2920.811	2686.556	2601.373
40.5	3294.308	3163.256	2879.857	2643.964	2560.419
41.0	3250.078	3122.302	2838.904	2604.649	2519.465
41.5	3209.124	3079.711	2796.312	2563.695	2480.150
42.0	3166.532	3037.119	2756.996	2524.380	2439.196
42.5	3123.941	2992.889	2714.405	2483.426	2399.881
43.0	3082.987	2947.021	2676.727	2444.111	2358.927
43.5	3038.757	2906.067	2635.774	2404.795	2317.974
44.0	2992.889	2865.114	2594.820	2365.480	2277.020
44.5	2945.383	2822.522	2555.505	2326.165	2236.067
45.0	2904.429	2781.569	2514.551	2286.849	2193.475
45.5	2863.476	2740.615	2475.236	2247.534	2152.521
46.0	2820.884	2699.661	2434.282	2206.580	2113.206
46.5	2778.292	2658.708	2394.967	2167.265	2072.252
47.0	2735.701	2617.754	2357.289	2126.311	2032.937
47.5	2694.747	2576.801	2317.974	2086.995	1993.621
48.0	2652.155	2535.847	2278.658	2046.042	1954.306
48.5	2611.202	2496.531	2239.343	2006.726	1914.990
49.0	2570.248	2455.578	2201.666	1967.411	1875.675
49.5	2527.656	2414.624	2162.350	1928.096	1837.998
50.0	2488.341	2375.309	2124.673	1890.418	1801.958
50.5	2447.387	2334.355	2086.995	1851.103	1764.281
51.0	2406.434	2295.040	2049.318	1813.425	1726.604
51.5	2365.480	2255.724	2011.641	1775.748	1690.565
52.0	2324.526	2216.409	1973.964	1738.071	1654.525
52.5	2285.211	2177.093	1936.286	1702.032	1618.159
53.0	2244.257	2139.416	1898.609	1664.354	1581.628
53.5	2203.304	2100.101	1860.932	1628.151	1548.538
54.0	2162.350	2060.785	1823.254	1591.948	1512.662
54.5	2123.035	2021.470	1783.939	1556.401	1478.261

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CANDELA TABULATION - (Cont.)

55.0	2082.081	1983.792	1746.262	1520.198	1444.843
55.5	2042.766	1946.115	1708.584	1485.305	1411.425
56.0	2001.812	1908.438	1669.269	1450.249	1377.679
56.5	1962.497	1869.122	1632.247	1416.176	1343.770
57.0	1921.543	1833.083	1595.061	1381.774	1311.334
57.5	1883.866	1795.406	1557.875	1348.193	1278.571
58.0	1844.550	1757.729	1520.853	1314.774	1246.955
58.5	1803.597	1720.051	1484.650	1281.684	1214.848
59.0	1765.919	1682.374	1448.119	1249.085	1183.068
59.5	1726.604	1646.335	1411.916	1216.486	1152.271
60.0	1688.926	1609.313	1376.369	1184.870	1122.129
60.5	1649.611	1573.274	1341.476	1152.762	1091.495
61.0	1611.606	1537.071	1306.584	1120.982	1061.681
61.5	1573.601	1501.031	1271.691	1089.857	1032.686
62.0	1535.760	1464.992	1236.963	1060.043	1003.363
62.5	1498.738	1429.772	1202.562	1029.737	974.204
63.0	1461.716	1394.716	1168.652	999.595	946.028
63.5	1425.513	1359.987	1134.742	969.945	918.507
64.0	1388.163	1325.095	1101.488	940.786	890.167
64.5	1351.796	1290.694	1068.398	911.791	862.810
65.0	1315.921	1256.129	1035.471	883.287	835.781
65.5	1279.882	1221.892	1002.872	854.784	808.752
66.0	1244.498	1188.473	970.600	827.099	782.050
66.5	1209.442	1154.728	938.984	799.087	756.003
67.0	1173.894	1120.982	907.040	771.730	730.121
67.5	1139.002	1087.728	876.079	744.700	704.074
68.0	1104.764	1053.818	844.627	717.835	678.683
68.5	1070.363	1019.745	814.485	691.624	653.456
69.0	1036.290	985.016	784.343	665.250	628.556
69.5	1002.380	951.270	754.529	639.531	604.311
70.0	968.307	917.361	725.043	614.140	579.412
70.5	934.561	883.451	695.884	588.913	555.822
71.0	900.979	850.033	667.052	563.849	531.905
71.5	868.380	817.106	638.712	539.441	507.988
72.0	836.273	784.507	610.864	514.869	484.563
72.5	803.346	752.727	583.343	490.952	461.465
73.0	771.402	720.783	556.314	467.199	439.023
73.5	739.294	689.003	529.776	443.609	416.252
74.0	708.333	658.370	503.565	421.003	394.465
74.5	677.209	627.737	477.847	397.905	372.678
75.0	646.575	597.267	452.128	375.463	351.218
75.5	616.106	567.781	427.228	353.348	330.577
76.0	586.783	538.294	402.820	332.052	309.937
76.5	557.624	509.790	378.575	311.084	290.115
77.0	528.793	480.959	354.986	290.279	271.113
77.5	500.617	452.947	331.724	270.294	252.110
78.0	472.605	425.426	308.790	250.800	233.599
78.5	445.411	398.397	286.020	231.797	215.580
79.0	418.546	371.695	264.069	213.123	197.888
79.5	392.663	345.321	242.773	195.103	180.360
80.0	367.108	319.602	222.132	177.575	163.487
80.5	342.044	294.374	202.147	160.047	146.614
81.0	317.308	269.475	183.145	143.010	130.232
81.5	293.228	245.394	164.470	126.137	113.523
82.0	269.802	222.132	146.778	109.919	96.978
82.5	247.032	199.526	129.413	93.210	79.450

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CANDELA TABULATION - (Cont.)

83.0	224.917	177.575	112.377	76.174	60.611
83.5	203.457	156.279	95.995	57.335	40.462
84.0	182.653	136.130	79.941	38.169	31.289
84.5	162.668	116.800	63.724	29.159	27.685
85.0	143.338	98.452	45.377	25.555	24.572
85.5	124.827	81.252	27.521	22.443	21.624
86.0	106.971	64.871	21.624	19.330	18.675
86.5	89.606	49.472	18.347	16.381	15.726
87.0	73.389	34.401	15.235	13.597	12.941
87.5	57.826	18.183	12.122	10.648	10.320
88.0	43.247	11.467	9.337	8.027	7.535
88.5	29.814	8.518	6.553	5.570	5.242
89.0	18.183	5.570	3.932	3.276	3.112
89.5	8.191	2.949	1.966	1.638	1.311
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-L16-940-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-L16-940-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-L16-940-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1848.08	N.A.	16.70
0-30	3762.22	N.A.	34.10
0-40	5862.34	N.A.	53.10
0-60	9386.11	N.A.	85.00
0-80	10955.27	N.A.	99.20
0-90	11048.7	N.A.	100.00
10-90	10556.69	N.A.	95.50
20-40	4014.26	N.A.	36.30
20-50	5968.56	N.A.	54.00
40-70	4578.74	N.A.	41.40
60-80	1569.16	N.A.	14.20
70-80	514.19	N.A.	4.70
80-90	93.44	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	11048.7	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	492.01
10-20	1356.07
20-30	1914.13
30-40	2100.12
40-50	1954.31
50-60	1569.46
60-70	1054.97
70-80	514.19
80-90	93.44
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-L16-940-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	98	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-L16-940-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

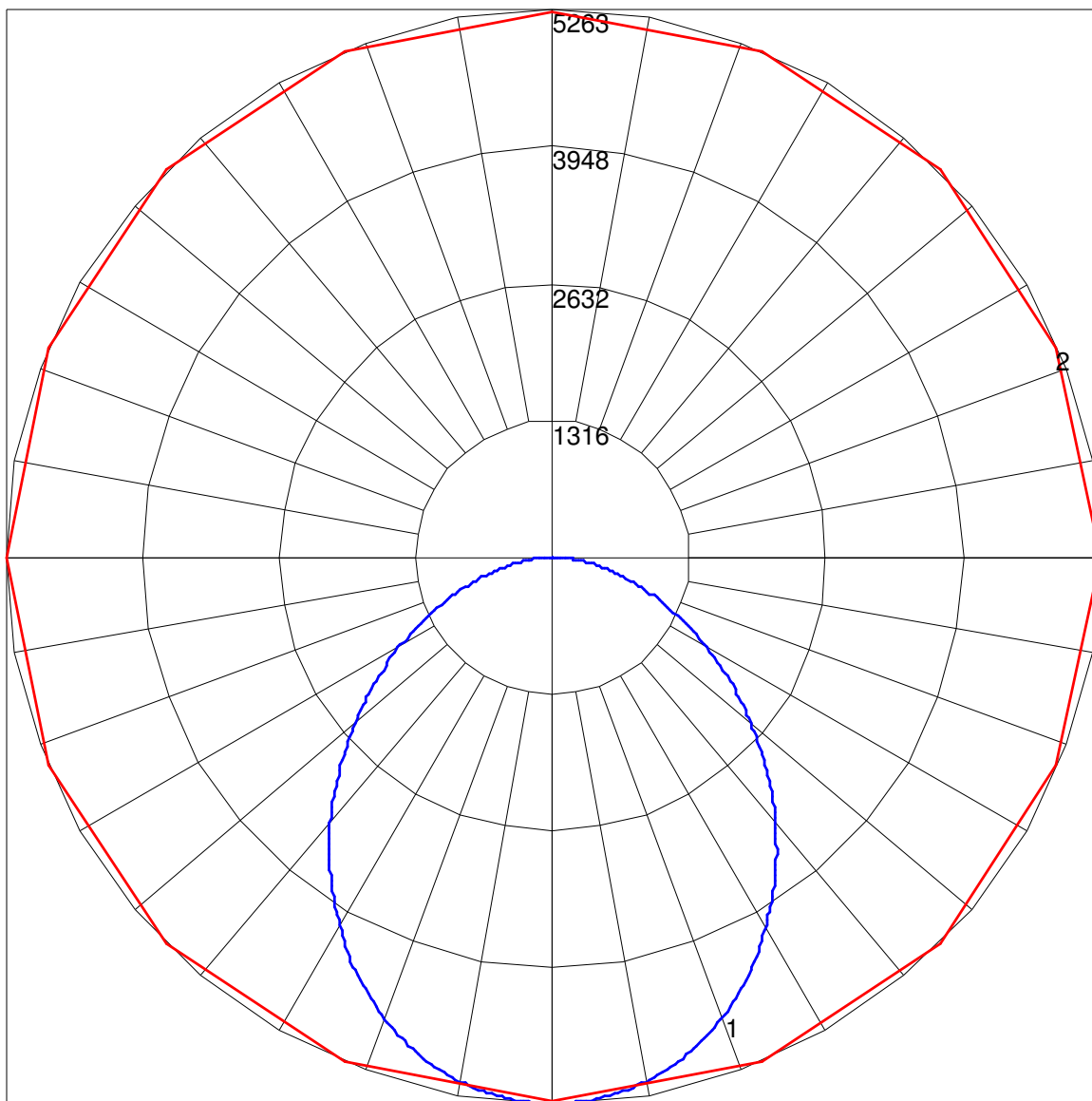
Reflectances

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	22.6	24.1	23.0	24.5	24.8	20.5	22.0	20.8	22.3	22.6
	3H	24.2	25.6	24.6	25.9	26.3	21.7	23.1	22.1	23.4	23.8
	4H	24.8	26.1	25.2	26.4	26.8	22.1	23.4	22.5	23.8	24.1
	6H	25.1	26.3	25.5	26.7	27.1	22.3	23.5	22.7	23.9	24.2
	8H	25.2	26.4	25.7	26.8	27.2	22.3	23.4	22.7	23.8	24.2
	12H	25.3	26.4	25.7	26.8	27.2	22.3	23.4	22.7	23.8	24.2
4H	2H	22.9	24.2	23.3	24.6	24.9	21.2	22.5	21.6	22.8	23.2
	3H	24.7	25.8	25.2	26.2	26.6	22.6	23.7	23.0	24.1	24.5
	4H	25.4	26.4	25.9	26.8	27.2	23.1	24.0	23.5	24.5	24.9
	6H	25.9	26.8	26.4	27.2	27.7	23.3	24.2	23.8	24.6	25.1
	8H	26.0	26.8	26.5	27.3	27.7	23.3	24.1	23.8	24.6	25.0
	12H	26.1	26.8	26.6	27.3	27.8	23.3	24.0	23.8	24.5	25.0
8H	4H	25.5	26.3	26.0	26.7	27.2	23.4	24.2	23.8	24.6	25.1
	6H	26.1	26.7	26.6	27.2	27.7	23.7	24.3	24.2	24.8	25.3
	8H	26.3	26.8	26.8	27.4	27.8	23.7	24.3	24.2	24.8	25.3
	12H	26.4	26.9	26.9	27.4	28.0	23.7	24.2	24.2	24.7	25.3
12H	4H	25.5	26.2	26.0	26.7	27.1	23.4	24.1	23.9	24.6	25.0
	6H	26.1	26.7	26.6	27.1	27.7	23.7	24.3	24.3	24.8	25.3
	8H	26.3	26.8	26.8	27.3	27.8	23.8	24.3	24.3	24.8	25.3

Maximum UGR = 28.0

POLAR GRAPH



Maximum Candela = 5263.357 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.)