

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-8-L15-850-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.02

[TESTLAB] UL, LLC

[ISSUE DATE] 2026-05-13

[TEST DATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX4x-8-L15-850-DMA-DIM-UNV_

[LUMINAIRE] Nominal 4" x 8' suspended 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	12728
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	124
Total Luminaire Watts	102.4
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.08
Spacing Criterion (Diagonal)	1.22
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	8.00 ft
Luminous Width (90-270)	0.40 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	15524	13763	12184
55	13588	11745	9976
65	11562	9661	8026
75	9283	7255	5909
85	6011	3726	2852

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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	5895.869	5895.869	5895.869	5895.869	5895.869
0.5	5924.692	5883.059	5897.470	5892.666	5889.464
1.0	5923.091	5881.458	5895.869	5891.065	5887.863
1.5	5921.489	5878.255	5894.268	5887.863	5884.660
2.0	5918.287	5876.654	5889.464	5881.458	5883.059
2.5	5916.685	5873.451	5886.261	5878.255	5876.654
3.0	5911.882	5868.647	5881.458	5870.249	5868.647
3.5	5908.679	5863.844	5875.052	5863.844	5860.641
4.0	5900.673	5857.439	5868.647	5855.837	5851.033
4.5	5897.470	5851.033	5860.641	5846.230	5839.825
5.0	5889.464	5844.628	5851.033	5836.622	5830.217
5.5	5886.261	5835.021	5841.426	5823.812	5815.806
6.0	5871.850	5827.014	5830.217	5811.002	5802.995
6.5	5863.844	5819.008	5817.407	5796.590	5786.983
7.0	5854.236	5807.799	5806.198	5782.179	5772.571
7.5	5844.628	5796.590	5791.787	5766.166	5754.957
8.0	5833.420	5783.780	5778.976	5748.552	5735.742
8.5	5822.211	5772.571	5764.565	5729.337	5716.527
9.0	5809.400	5759.761	5746.951	5710.122	5697.312
9.5	5794.989	5743.749	5730.938	5689.305	5674.894
10.0	5783.780	5729.337	5711.723	5670.090	5654.077
10.5	5766.166	5713.324	5694.109	5649.274	5631.660
11.0	5750.154	5697.312	5673.293	5625.255	5609.242
11.5	5734.141	5679.698	5652.476	5601.236	5582.020
12.0	5716.527	5662.084	5631.660	5575.615	5556.400
12.5	5695.710	5641.267	5609.242	5549.995	5527.577
13.0	5678.097	5622.052	5585.223	5522.774	5500.356
13.5	5660.483	5601.236	5561.204	5495.552	5473.134
14.0	5638.065	5580.419	5537.185	5465.128	5441.109
14.5	5618.850	5556.400	5509.963	5436.305	5410.685
15.0	5596.432	5533.982	5482.742	5405.881	5378.659
15.5	5574.014	5509.963	5455.520	5373.856	5346.634
16.0	5549.995	5485.944	5426.697	5341.830	5311.406
16.5	5527.577	5461.925	5397.875	5308.204	5277.780
17.0	5501.957	5434.704	5367.451	5274.577	5240.950
17.5	5477.938	5407.482	5338.628	5239.349	5204.121
18.0	5450.716	5381.862	5306.602	5204.121	5167.292
18.5	5426.697	5353.039	5274.577	5167.292	5127.260
19.0	5397.875	5324.216	5240.950	5128.862	5087.229
19.5	5370.653	5295.393	5207.324	5092.032	5047.197
20.0	5341.830	5264.969	5172.096	5053.602	5007.165
20.5	5313.007	5234.545	5136.868	5013.570	4965.532
21.0	5282.583	5204.121	5101.640	4973.539	4922.298
21.5	5253.760	5170.495	5064.811	4931.906	4880.665
22.0	5221.735	5138.469	5026.380	4890.273	4839.032
22.5	5189.710	5104.843	4987.950	4848.640	4794.197
23.0	5159.286	5072.817	4951.121	4803.804	4749.361
23.5	5127.260	5037.589	4911.089	4760.570	4704.526
24.0	5093.634	5002.361	4871.057	4717.336	4658.089
24.5	5060.007	4967.134	4829.424	4672.500	4613.253
25.0	5024.779	4931.906	4789.393	4627.665	4566.816
25.5	4987.950	4893.475	4747.760	4581.228	4517.177
26.0	4952.722	4856.646	4702.924	4534.791	4469.139
26.5	4917.494	4818.216	4661.291	4488.354	4419.500

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CANDELA TABULATION - (Cont.)

27.0	4879.064	4779.785	4616.456	4440.316	4371.462
27.5	4839.032	4739.753	4573.222	4392.278	4323.424
28.0	4802.203	4701.323	4528.386	4342.639	4272.183
28.5	4763.772	4661.291	4485.152	4294.601	4222.544
29.0	4725.342	4621.260	4440.316	4244.962	4174.506
29.5	4680.507	4579.627	4393.880	4195.322	4123.265
30.0	4637.272	4536.392	4347.443	4145.683	4073.626
30.5	4597.241	4494.759	4302.607	4097.645	4022.385
31.0	4555.608	4453.126	4256.170	4048.006	3971.145
31.5	4515.576	4409.892	4209.734	3996.765	3919.904
32.0	4470.740	4366.658	4161.696	3947.126	3870.265
32.5	4429.107	4321.822	4115.259	3895.885	3817.423
33.0	4385.873	4278.588	4065.620	3846.246	3767.784
33.5	4342.639	4233.753	4020.784	3795.005	3713.341
34.0	4301.006	4188.917	3971.145	3745.366	3663.701
34.5	4257.772	4145.683	3923.107	3695.727	3614.062
35.0	4214.538	4099.246	3873.467	3644.486	3562.821
35.5	4169.702	4052.809	3825.429	3596.448	3509.980
36.0	4128.069	4007.974	3777.391	3545.207	3461.942
36.5	4083.234	3961.537	3727.752	3495.568	3410.701
37.0	4036.797	3915.100	3681.315	3445.929	3362.663
37.5	3991.961	3868.664	3633.277	3394.688	3311.422
38.0	3947.126	3820.626	3583.638	3345.049	3260.182
38.5	3900.689	3775.790	3535.600	3295.410	3210.542
39.0	3852.651	3727.752	3487.562	3245.770	3160.903
39.5	3807.815	3681.315	3437.923	3196.131	3111.264
40.0	3761.379	3633.277	3389.884	3149.694	3063.226
40.5	3711.739	3586.840	3340.245	3100.055	3011.985
41.0	3665.303	3538.802	3292.207	3050.416	2959.143
41.5	3618.866	3492.366	3244.169	3000.776	2909.504
42.0	3569.226	3444.328	3196.131	2949.536	2858.263
42.5	3517.986	3394.688	3148.093	2901.498	2808.624
43.0	3469.948	3346.650	3100.055	2848.656	2758.985
43.5	3423.511	3300.213	3052.017	2799.017	2712.548
44.0	3372.271	3252.175	3003.979	2752.580	2664.510
44.5	3324.232	3204.137	2951.137	2704.542	2616.472
45.0	3274.593	3157.701	2903.099	2658.105	2570.035
45.5	3224.954	3108.061	2853.460	2611.668	2521.997
46.0	3176.916	3061.625	2807.023	2565.231	2475.560
46.5	3128.878	3013.586	2760.586	2520.396	2430.725
47.0	3079.238	2965.548	2714.149	2473.959	2384.288
47.5	3029.599	2914.308	2669.314	2429.124	2339.453
48.0	2981.561	2864.669	2624.478	2384.288	2293.016
48.5	2931.922	2818.232	2578.042	2339.453	2248.180
49.0	2879.080	2770.194	2533.206	2294.617	2204.946
49.5	2832.643	2725.358	2489.972	2249.782	2161.712
50.0	2784.605	2678.921	2445.136	2206.547	2118.478
50.5	2739.770	2632.485	2400.301	2163.313	2075.243
51.0	2691.732	2587.649	2355.465	2118.478	2032.009
51.5	2645.295	2541.212	2312.231	2076.845	1990.376
52.0	2600.459	2494.776	2267.396	2033.610	1948.743
52.5	2554.023	2449.940	2224.161	1991.977	1908.712
53.0	2507.586	2405.105	2180.927	1950.344	1868.680
53.5	2461.149	2360.269	2139.294	1908.712	1827.047
54.0	2416.313	2315.434	2094.459	1868.680	1787.015
54.5	2369.877	2272.199	2052.826	1827.047	1746.983

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CANDELA TABULATION - (Cont.)

55.0	2325.041	2227.364	2009.591	1788.616	1706.952
55.5	2278.604	2184.130	1967.958	1746.983	1668.521
56.0	2232.168	2139.294	1926.325	1708.553	1630.091
56.5	2187.332	2096.060	1884.692	1670.123	1594.062
57.0	2140.895	2052.826	1841.458	1631.692	1556.112
57.5	2096.060	2011.193	1801.427	1593.262	1519.123
58.0	2051.224	1967.958	1759.794	1555.472	1482.774
58.5	2006.389	1924.724	1718.161	1518.162	1446.425
59.0	1961.553	1883.091	1678.129	1481.493	1410.397
59.5	1916.718	1841.458	1638.097	1444.824	1375.329
60.0	1873.484	1799.825	1597.745	1407.995	1340.421
60.5	1830.249	1758.192	1558.674	1372.127	1305.514
61.0	1787.015	1718.161	1518.803	1336.578	1271.247
61.5	1745.382	1676.528	1480.052	1300.710	1237.460
62.0	1702.148	1634.895	1440.981	1266.443	1204.794
62.5	1660.515	1595.343	1403.191	1232.016	1171.488
63.0	1618.882	1555.792	1365.561	1197.749	1138.822
63.5	1578.050	1516.241	1327.932	1163.161	1105.836
64.0	1538.338	1477.010	1291.263	1129.855	1074.131
64.5	1497.346	1437.779	1254.273	1096.708	1042.586
65.0	1457.634	1399.348	1217.924	1063.562	1011.841
65.5	1418.243	1360.437	1181.255	1031.056	980.456
66.0	1379.012	1321.847	1145.867	999.351	949.712
66.5	1340.101	1283.737	1110.319	967.166	918.647
67.0	1300.710	1245.947	1075.251	935.301	888.864
67.5	1261.319	1208.157	1040.664	904.556	859.080
68.0	1223.529	1171.007	1005.756	873.652	828.976
68.5	1184.938	1134.178	971.649	843.228	799.994
69.0	1146.668	1097.349	937.863	812.964	771.171
69.5	1109.519	1060.680	904.877	783.020	743.149
70.0	1071.889	1024.171	871.250	753.717	714.806
70.5	1034.739	988.303	838.264	724.574	687.424
71.0	997.590	952.754	806.238	696.231	659.722
71.5	961.241	916.886	774.213	668.049	632.981
72.0	925.053	881.978	742.508	640.027	606.240
72.5	889.024	847.391	710.963	612.645	580.300
73.0	853.956	813.284	680.059	585.103	554.839
73.5	818.888	778.697	649.634	558.843	529.379
74.0	784.461	744.750	619.531	532.422	504.079
74.5	750.354	711.443	589.747	506.801	480.060
75.0	716.728	678.617	560.124	481.021	456.201
75.5	683.741	646.432	531.461	456.522	432.503
76.0	651.556	614.567	503.439	432.022	409.604
76.5	619.210	582.701	475.416	408.483	387.187
77.0	588.626	551.637	448.515	384.945	364.929
77.5	557.562	521.053	421.774	362.207	343.152
78.0	526.657	490.949	395.353	339.949	322.495
78.5	496.073	461.165	370.053	318.332	301.519
79.0	466.930	432.503	345.233	297.035	281.343
79.5	438.267	403.359	321.054	275.738	261.647
80.0	409.764	375.497	297.035	255.723	242.592
80.5	381.422	347.795	273.657	235.867	223.697
81.0	354.040	320.894	251.239	216.972	205.763
81.5	326.979	294.793	229.302	198.237	187.989
82.0	300.878	268.373	208.485	179.983	170.375
82.5	275.418	243.393	187.989	162.208	153.562

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CANDELA TABULATION - (Cont.)

83.0	250.278	218.733	168.133	144.915	136.428
83.5	225.459	195.195	149.398	127.941	120.095
84.0	201.760	172.136	131.144	111.288	104.243
84.5	178.381	150.359	113.690	95.436	89.031
85.0	156.284	129.382	96.877	80.544	74.139
85.5	134.827	109.206	80.864	65.332	58.126
86.0	114.651	89.991	66.453	49.639	40.512
86.5	94.635	72.698	52.522	31.385	24.980
87.0	76.220	56.365	37.470	19.856	17.774
87.5	59.087	41.953	21.617	15.212	13.931
88.0	43.234	28.663	13.611	11.689	10.889
88.5	29.784	16.013	10.088	8.487	7.526
89.0	18.735	8.006	6.725	5.444	4.804
89.5	9.287	4.323	3.683	2.722	2.402
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 : LRX4X-8-L15-850-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 : LRX4X-8-L15-850-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 : LRX4X-8-L15-850-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2094.26	N.A.	16.50
0-30	4292.87	N.A.	33.70
0-40	6714.78	N.A.	52.80
0-60	10760.71	N.A.	84.50
0-80	12596.67	N.A.	99.00
0-90	12728.49	N.A.	100.00
10-90	12174.78	N.A.	95.60
20-40	4620.51	N.A.	36.30
20-50	6866.42	N.A.	53.90
40-70	5265.91	N.A.	41.40
60-80	1835.96	N.A.	14.40
70-80	615.98	N.A.	4.80
80-90	131.82	N.A.	1.00
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	12728.49	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	553.71
10-20	1540.55
20-30	2198.61
30-40	2421.91
40-50	2245.91
50-60	1800.02
60-70	1219.98
70-80	615.98
80-90	131.82
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 : LRX4X-8-L15-850-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	91	86	81	88	83	79	85	81	77	82	78	75	73
3	93	83	75	69	90	81	74	69	78	72	67	76	71	66	73	69	65	63
4	85	74	66	60	83	73	65	59	70	64	58	68	62	58	66	61	57	55
5	79	67	58	52	77	66	58	52	64	57	51	62	56	51	60	54	50	48
6	73	61	52	46	71	60	52	46	58	51	45	56	50	45	55	49	45	43
7	68	55	47	41	66	54	47	41	53	46	41	52	45	40	50	44	40	38
8	64	51	43	37	62	50	42	37	49	42	37	47	41	36	46	41	36	34
9	60	47	39	34	58	46	39	33	45	38	33	44	38	33	43	37	33	31
10	56	43	36	31	55	43	35	31	42	35	30	41	35	30	40	34	30	28

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-8-L15-850-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

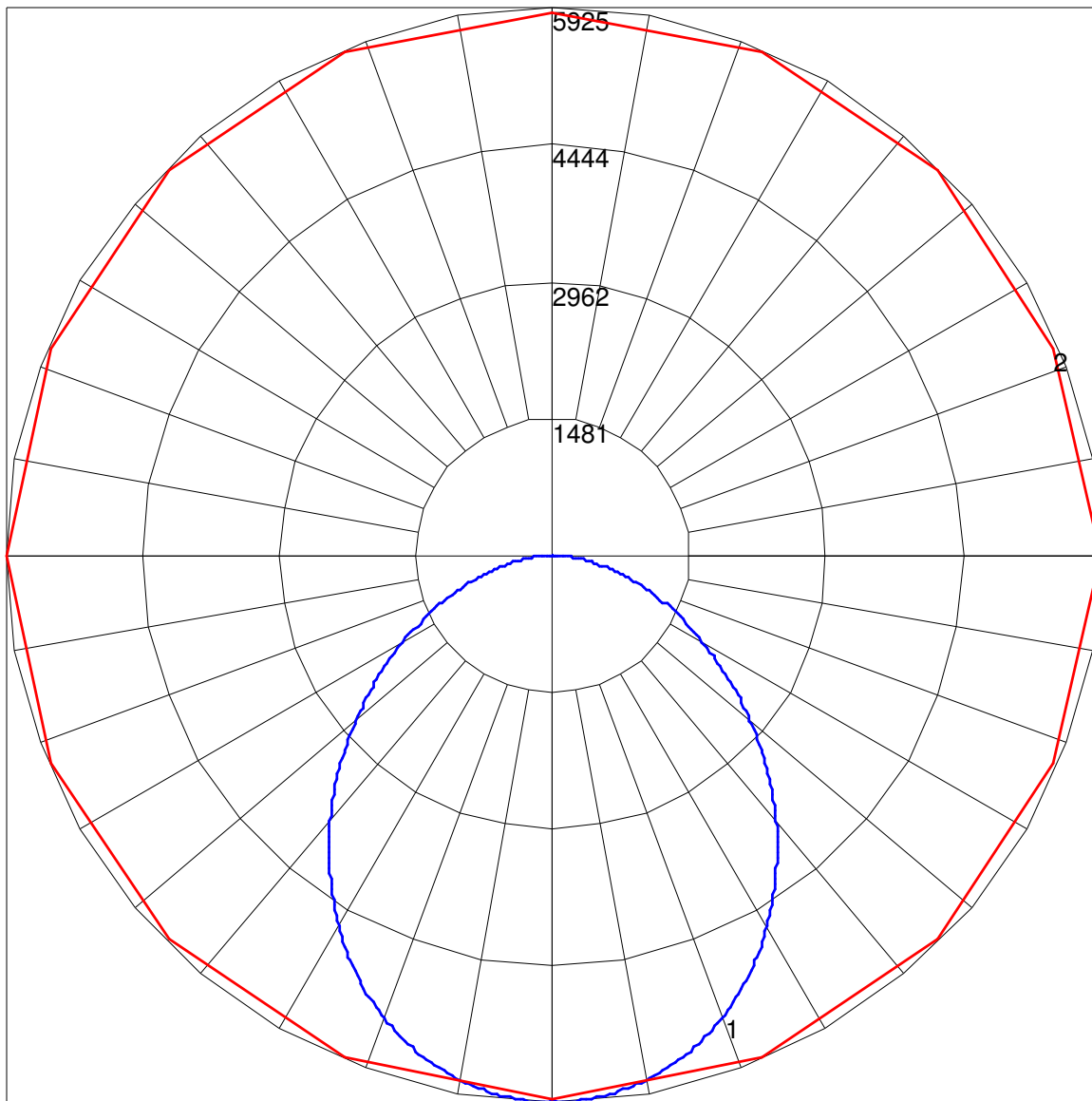
Reflectances

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	20.9	22.5	21.3	22.8	23.1	19.2	20.7	19.6	21.0	21.4
	3H	22.5	23.9	22.9	24.2	24.6	20.5	21.9	20.9	22.2	22.6
	4H	23.1	24.4	23.5	24.7	25.1	21.0	22.3	21.4	22.6	23.0
	6H	23.4	24.6	23.8	25.0	25.4	21.2	22.4	21.6	22.8	23.2
	8H	23.5	24.7	24.0	25.1	25.5	21.3	22.4	21.7	22.8	23.2
	12H	23.6	24.7	24.0	25.1	25.5	21.3	22.4	21.7	22.8	23.2
4H	2H	21.3	22.6	21.7	22.9	23.3	19.9	21.2	20.3	21.5	21.9
	3H	23.1	24.2	23.5	24.6	25.0	21.4	22.5	21.8	22.9	23.3
	4H	23.8	24.7	24.2	25.2	25.6	21.9	22.9	22.3	23.3	23.7
	6H	24.3	25.1	24.7	25.6	26.0	22.3	23.1	22.7	23.6	24.0
	8H	24.4	25.2	24.9	25.7	26.1	22.3	23.1	22.8	23.6	24.0
	12H	24.5	25.2	25.0	25.7	26.2	22.4	23.1	22.9	23.6	24.0
8H	4H	23.9	24.7	24.4	25.1	25.6	22.2	23.0	22.7	23.5	23.9
	6H	24.5	25.1	25.0	25.6	26.1	22.6	23.3	23.1	23.8	24.3
	8H	24.7	25.3	25.2	25.8	26.3	22.8	23.4	23.3	23.9	24.4
	12H	24.8	25.3	25.3	25.8	26.4	22.8	23.4	23.3	23.8	24.4
12H	4H	23.9	24.6	24.4	25.1	25.5	22.3	23.0	22.7	23.4	23.9
	6H	24.5	25.1	25.0	25.5	26.1	22.7	23.3	23.2	23.8	24.3
	8H	24.7	25.2	25.2	25.7	26.3	22.9	23.4	23.4	23.9	24.4

Maximum UGR = 26.4

POLAR GRAPH



Maximum Candela = 5924.692 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.)