

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-8-L15-835-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.02

[TESTLAB] UL, LLC

[ISSUEDATE] 2026-05-13

[TESTDATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX4x-8-L15-835-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	12008
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	117
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	14645	12984	11494
55	12819	11080	9411
65	10907	9114	7572
75	8758	6844	5574
85	5671	3515	2690

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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	5562.140	5562.140	5562.140	5562.140	5562.140
0.5	5589.331	5550.055	5563.650	5559.118	5556.097
1.0	5587.820	5548.544	5562.140	5557.608	5554.587
1.5	5586.310	5545.523	5560.629	5554.587	5551.565
2.0	5583.289	5544.012	5556.097	5548.544	5550.055
2.5	5581.778	5540.991	5553.076	5545.523	5544.012
3.0	5577.246	5536.459	5548.544	5537.970	5536.459
3.5	5574.225	5531.927	5542.502	5531.927	5528.906
4.0	5566.672	5525.885	5536.459	5524.374	5519.842
4.5	5563.650	5519.842	5528.906	5515.310	5509.268
5.0	5556.097	5513.800	5519.842	5506.246	5500.204
5.5	5553.076	5504.736	5510.778	5494.161	5486.608
6.0	5539.480	5497.183	5500.204	5482.076	5474.523
6.5	5531.927	5489.629	5488.119	5468.481	5459.417
7.0	5522.863	5479.055	5477.544	5454.885	5445.821
7.5	5513.800	5468.481	5463.949	5439.779	5429.204
8.0	5503.225	5456.396	5451.864	5423.162	5411.077
8.5	5492.651	5445.821	5438.268	5405.034	5392.949
9.0	5480.566	5433.736	5421.651	5386.907	5374.822
9.5	5466.970	5418.630	5406.545	5367.268	5353.673
10.0	5456.396	5405.034	5388.417	5349.141	5334.035
10.5	5439.779	5389.928	5371.800	5329.503	5312.886
11.0	5424.672	5374.822	5352.162	5306.843	5291.737
11.5	5409.566	5358.205	5332.524	5284.184	5266.056
12.0	5392.949	5341.588	5312.886	5260.014	5241.886
12.5	5373.311	5321.950	5291.737	5235.844	5214.695
13.0	5356.694	5303.822	5269.077	5210.163	5189.014
13.5	5340.077	5284.184	5246.418	5184.482	5163.333
14.0	5318.928	5264.546	5223.759	5155.780	5133.121
14.5	5300.801	5241.886	5198.078	5128.589	5104.419
15.0	5279.652	5220.737	5172.397	5099.887	5074.206
15.5	5258.503	5198.078	5146.716	5069.674	5043.994
16.0	5235.844	5175.418	5119.525	5039.462	5010.760
16.5	5214.695	5152.759	5092.334	5007.738	4979.037
17.0	5190.525	5127.078	5063.632	4976.015	4944.292
17.5	5167.865	5101.398	5036.440	4942.781	4909.548
18.0	5142.185	5077.227	5006.228	4909.548	4874.803
18.5	5119.525	5050.036	4976.015	4874.803	4837.037
19.0	5092.334	5022.845	4944.292	4838.548	4799.272
19.5	5066.653	4995.653	4912.569	4803.803	4761.506
20.0	5039.462	4966.951	4879.335	4767.548	4723.740
20.5	5012.270	4938.250	4846.101	4729.783	4684.464
21.0	4983.568	4909.548	4812.867	4692.017	4643.677
21.5	4956.377	4877.824	4778.123	4652.740	4604.400
22.0	4926.164	4847.612	4741.868	4613.464	4565.124
22.5	4895.952	4815.888	4705.612	4574.188	4522.826
23.0	4867.250	4785.676	4670.868	4531.890	4480.529
23.5	4837.037	4752.442	4633.102	4491.103	4438.231
24.0	4805.314	4719.208	4595.336	4450.316	4394.423
24.5	4773.591	4685.974	4556.060	4408.018	4352.125
25.0	4740.357	4652.740	4518.294	4365.721	4308.317
25.5	4705.612	4616.485	4479.018	4321.912	4261.487
26.0	4672.379	4581.741	4436.720	4278.104	4216.168
26.5	4639.145	4545.486	4397.444	4234.296	4169.339

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CANDELA TABULATION - (Cont.)

27.0	4602.890	4509.231	4355.146	4188.977	4124.020
27.5	4565.124	4471.465	4314.359	4143.658	4078.701
28.0	4530.379	4435.210	4272.062	4096.829	4030.361
28.5	4494.124	4397.444	4231.275	4051.510	3983.531
29.0	4457.869	4359.678	4188.977	4004.680	3938.212
29.5	4415.572	4320.402	4145.169	3957.851	3889.872
30.0	4374.785	4279.615	4101.360	3911.021	3843.043
30.5	4337.019	4240.338	4059.063	3865.702	3794.703
31.0	4297.742	4201.062	4015.255	3818.873	3746.362
31.5	4259.977	4160.275	3971.446	3770.533	3698.022
32.0	4217.679	4119.488	3926.127	3723.703	3651.193
32.5	4178.403	4077.190	3882.319	3675.363	3601.342
33.0	4137.616	4036.403	3835.490	3628.533	3554.512
33.5	4096.829	3994.106	3793.192	3580.193	3503.151
34.0	4057.552	3951.808	3746.362	3533.364	3456.321
34.5	4016.765	3911.021	3701.044	3486.534	3409.492
35.0	3975.978	3867.213	3654.214	3438.194	3361.152
35.5	3933.681	3823.405	3608.895	3392.875	3311.301
36.0	3894.404	3781.107	3563.576	3344.535	3265.982
36.5	3852.107	3737.299	3516.747	3297.705	3217.642
37.0	3808.298	3693.490	3472.938	3250.876	3172.323
37.5	3766.001	3649.682	3427.619	3202.536	3123.983
38.0	3723.703	3604.363	3380.790	3155.706	3075.643
38.5	3679.895	3562.066	3335.471	3108.877	3028.813
39.0	3634.576	3516.747	3290.152	3062.047	2981.984
39.5	3592.278	3472.938	3243.323	3015.218	2935.154
40.0	3548.470	3427.619	3198.004	2971.409	2889.835
40.5	3501.640	3383.811	3151.174	2924.580	2841.495
41.0	3457.832	3338.492	3105.855	2877.750	2791.644
41.5	3414.024	3294.684	3060.536	2830.921	2744.815
42.0	3367.194	3249.365	3015.218	2782.580	2696.475
42.5	3318.854	3202.536	2969.899	2737.262	2649.645
43.0	3273.535	3157.217	2924.580	2687.411	2602.816
43.5	3229.727	3113.408	2879.261	2640.581	2559.007
44.0	3181.387	3068.090	2833.942	2596.773	2513.688
44.5	3136.068	3022.771	2784.091	2551.454	2468.369
45.0	3089.238	2978.962	2738.772	2507.646	2424.561
45.5	3042.409	2932.133	2691.943	2463.838	2379.242
46.0	2997.090	2888.325	2648.134	2420.029	2335.434
46.5	2951.771	2843.006	2604.326	2377.732	2293.136
47.0	2904.942	2797.687	2560.518	2333.923	2249.328
47.5	2858.112	2749.347	2518.220	2291.626	2207.030
48.0	2812.793	2702.517	2475.923	2249.328	2163.222
48.5	2765.964	2658.709	2432.114	2207.030	2120.925
49.0	2716.113	2613.390	2389.817	2164.733	2080.138
49.5	2672.304	2571.092	2349.030	2122.435	2039.351
50.0	2626.986	2527.284	2306.732	2081.648	1998.564
50.5	2584.688	2483.476	2264.434	2040.861	1957.776
51.0	2539.369	2441.178	2222.137	1998.564	1916.989
51.5	2495.561	2397.370	2181.350	1959.287	1877.713
52.0	2453.263	2353.562	2139.052	1918.500	1838.437
52.5	2409.455	2311.264	2098.265	1879.224	1800.671
53.0	2365.647	2268.966	2057.478	1839.947	1762.905
53.5	2321.838	2226.669	2018.202	1800.671	1723.629
54.0	2279.541	2184.371	1975.904	1762.905	1685.863
54.5	2235.732	2143.584	1936.628	1723.629	1648.097

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55.0	2193.435	2101.286	1895.841	1687.374	1610.332
55.5	2149.627	2060.499	1856.564	1648.097	1574.076
56.0	2105.818	2018.202	1817.288	1611.842	1537.821
56.5	2063.521	1977.415	1778.012	1575.587	1503.832
57.0	2019.712	1936.628	1737.225	1539.332	1468.030
57.5	1977.415	1897.351	1699.459	1503.077	1433.135
58.0	1935.117	1856.564	1660.182	1467.426	1398.843
58.5	1892.819	1815.777	1620.906	1432.228	1364.552
59.0	1850.522	1776.501	1583.140	1397.635	1330.563
59.5	1808.224	1737.225	1545.375	1363.041	1297.480
60.0	1767.437	1697.948	1507.307	1328.297	1264.548
60.5	1726.650	1658.672	1470.447	1294.459	1231.617
61.0	1685.863	1620.906	1432.833	1260.923	1199.289
61.5	1646.587	1581.630	1396.275	1227.085	1167.415
62.0	1605.800	1542.353	1359.416	1194.757	1136.598
62.5	1566.523	1505.041	1323.765	1162.279	1105.177
63.0	1527.247	1467.728	1288.265	1129.951	1074.360
63.5	1488.726	1430.416	1252.765	1097.322	1043.241
64.0	1451.262	1393.405	1218.172	1065.901	1013.331
64.5	1412.590	1356.395	1183.276	1034.630	983.571
65.0	1375.126	1320.140	1148.985	1003.360	954.567
65.5	1337.965	1283.431	1114.392	972.695	924.959
66.0	1300.955	1247.025	1081.007	942.784	895.955
66.5	1264.246	1211.072	1047.471	912.421	866.648
67.0	1227.085	1175.421	1014.388	882.359	838.551
67.5	1189.923	1139.770	981.758	853.355	810.453
68.0	1154.272	1104.724	948.827	824.200	782.053
68.5	1117.866	1069.979	916.650	795.498	754.711
69.0	1081.762	1035.235	884.776	766.947	727.519
69.5	1046.716	1000.641	853.657	738.698	701.083
70.0	1011.216	966.199	821.934	711.054	674.345
70.5	976.169	932.361	790.815	683.560	648.513
71.0	941.122	898.825	760.602	656.822	622.380
71.5	906.831	864.987	730.390	630.235	597.152
72.0	872.691	832.055	700.479	603.799	571.925
72.5	838.702	799.425	670.720	577.967	547.452
73.0	805.619	767.249	641.565	551.984	523.433
73.5	772.536	734.619	612.863	527.210	499.414
74.0	740.058	702.594	584.463	502.284	475.546
74.5	707.881	671.173	556.365	478.114	452.887
75.0	676.158	640.205	528.418	453.793	430.378
75.5	645.039	609.841	501.378	430.681	408.021
76.0	614.675	579.780	474.942	407.568	386.419
76.5	584.161	549.718	448.506	385.362	365.270
77.0	555.308	520.412	423.127	363.155	344.273
77.5	526.001	491.559	397.900	341.705	323.728
78.0	496.846	463.159	372.975	320.707	304.241
78.5	467.993	435.061	349.107	300.313	284.452
79.0	440.500	408.021	325.692	280.222	265.418
79.5	413.459	380.528	302.881	260.130	246.837
80.0	386.570	354.243	280.222	241.248	228.860
80.5	359.832	328.109	258.167	222.516	211.035
81.0	334.000	302.730	237.018	204.690	194.116
81.5	308.471	278.107	216.322	187.016	177.348
82.0	283.847	253.182	196.684	169.795	160.731
82.5	259.828	229.616	177.348	153.027	144.869

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CANDELA TABULATION - (Cont.)

83.0	236.111	206.352	158.616	136.712	128.706
83.5	212.697	184.146	140.942	120.699	113.297
84.0	190.339	162.393	123.721	104.989	98.342
84.5	168.284	141.848	107.255	90.034	83.991
85.0	147.437	122.059	91.393	75.985	69.942
85.5	127.195	103.025	76.287	61.634	54.836
86.0	108.161	84.897	62.691	46.830	38.219
86.5	89.278	68.583	49.549	29.608	23.566
87.0	71.906	53.174	35.349	18.732	16.768
87.5	55.742	39.579	20.394	14.351	13.142
88.0	40.787	27.040	12.840	11.028	10.272
88.5	28.098	15.106	9.517	8.006	7.100
89.0	17.674	7.553	6.345	5.136	4.532
89.5	8.762	4.079	3.474	2.568	2.266
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-L15-835-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-L15-835-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-L15-835-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1975.72	N.A.	16.50
0-30	4049.87	N.A.	33.70
0-40	6334.69	N.A.	52.80
0-60	10151.61	N.A.	84.50
0-80	11883.64	N.A.	99.00
0-90	12008.01	N.A.	100.00
10-90	11485.64	N.A.	95.60
20-40	4358.97	N.A.	36.30
20-50	6477.76	N.A.	53.90
40-70	4967.84	N.A.	41.40
60-80	1732.04	N.A.	14.40
70-80	581.11	N.A.	4.80
80-90	124.36	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	12008.01	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	522.37
10-20	1453.35
20-30	2074.16
30-40	2284.82
40-50	2118.78
50-60	1698.13
60-70	1150.93
70-80	581.11
80-90	124.36
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-L15-835-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	51	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-L15-835-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

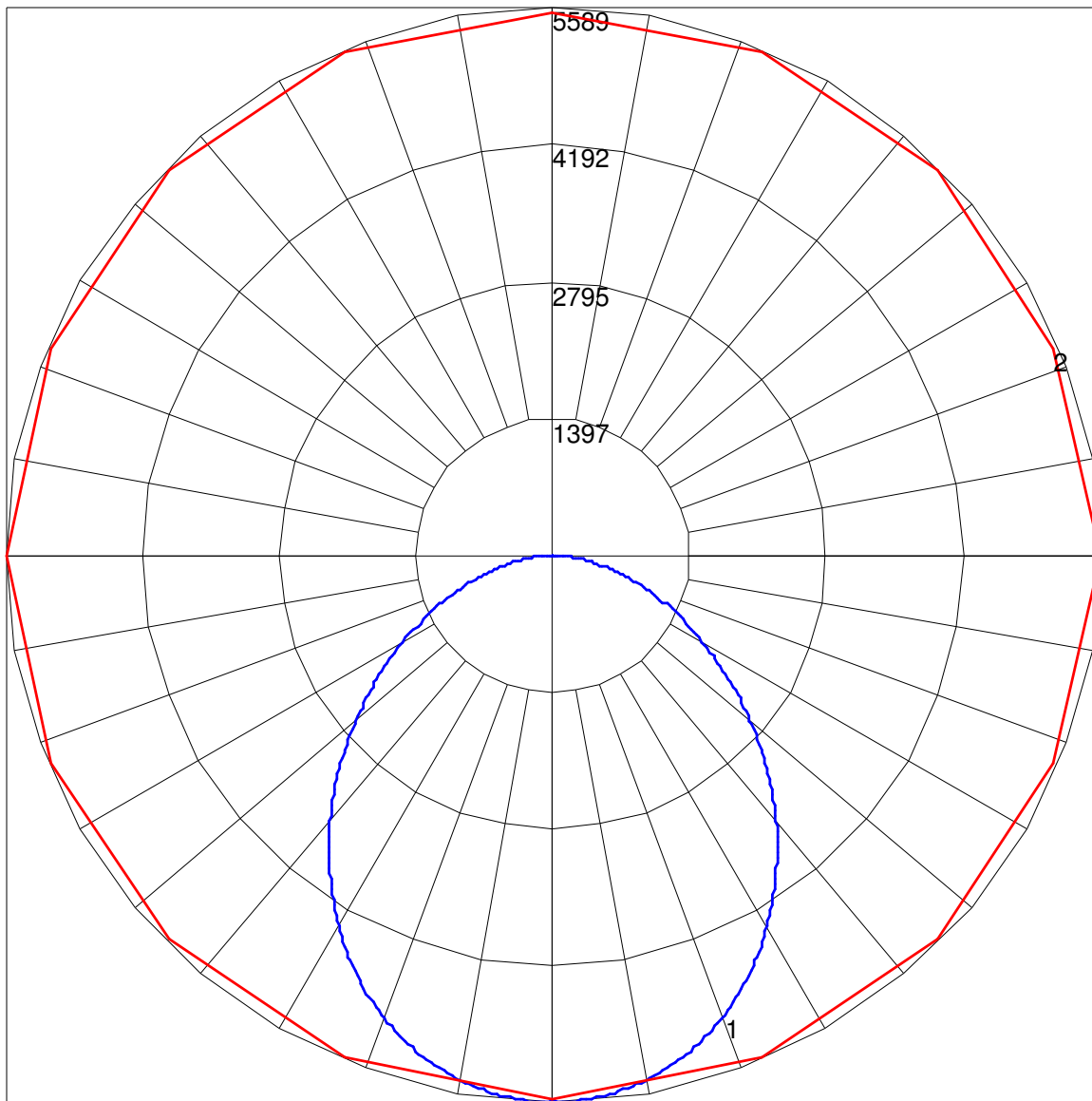
Reflectances

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	20.7	22.3	21.1	22.6	22.9	19.0	20.5	19.4	20.8	21.2
	3H	22.3	23.7	22.7	24.0	24.4	20.3	21.7	20.7	22.0	22.4
	4H	22.9	24.2	23.3	24.5	24.9	20.8	22.1	21.2	22.4	22.8
	6H	23.2	24.4	23.6	24.8	25.2	21.0	22.2	21.4	22.6	23.0
	8H	23.3	24.5	23.8	24.9	25.3	21.1	22.2	21.5	22.6	23.0
	12H	23.4	24.5	23.8	24.9	25.3	21.1	22.2	21.5	22.6	23.0
4H	2H	21.1	22.4	21.5	22.7	23.1	19.7	21.0	20.1	21.3	21.7
	3H	22.9	24.0	23.3	24.4	24.8	21.2	22.3	21.6	22.7	23.1
	4H	23.6	24.5	24.0	25.0	25.4	21.7	22.7	22.1	23.1	23.5
	6H	24.1	24.9	24.5	25.4	25.8	22.1	22.9	22.5	23.4	23.8
	8H	24.2	25.0	24.7	25.5	25.9	22.1	22.9	22.6	23.4	23.8
	12H	24.3	25.0	24.8	25.5	26.0	22.2	22.9	22.7	23.4	23.8
8H	4H	23.7	24.5	24.2	24.9	25.4	22.0	22.8	22.5	23.3	23.7
	6H	24.3	24.9	24.8	25.4	25.9	22.4	23.1	22.9	23.6	24.1
	8H	24.5	25.1	25.0	25.6	26.1	22.6	23.2	23.1	23.7	24.2
	12H	24.6	25.1	25.1	25.6	26.2	22.6	23.2	23.1	23.6	24.2
12H	4H	23.7	24.4	24.2	24.9	25.3	22.1	22.8	22.5	23.2	23.7
	6H	24.3	24.9	24.8	25.3	25.9	22.5	23.1	23.0	23.6	24.1
	8H	24.5	25.0	25.0	25.5	26.1	22.7	23.2	23.2	23.7	24.2

Maximum UGR = 26.2

POLAR GRAPH



Maximum Candela = 5589.331 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.)