

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-6-L19-840-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-6-L19-840-DMA-DIM-UNV_

[LUMINAIRE] Nominal 4" x 6' 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	11785
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	118
Total Luminaire Watts	99.6
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)	6.00 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	19165	16991	15041
55	16775	14499	12316
65	14274	11926	9908
75	11460	8956	7294
85	7421	4600	3520

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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	5458.966	5458.966	5458.966	5458.966	5458.966
0.5	5485.653	5447.106	5460.449	5456.001	5453.036
1.0	5484.171	5445.623	5458.966	5454.519	5451.553
1.5	5482.688	5442.658	5457.484	5451.553	5448.588
2.0	5479.723	5441.175	5453.036	5445.623	5447.106
2.5	5478.240	5438.210	5450.071	5442.658	5441.175
3.0	5473.793	5433.762	5445.623	5435.245	5433.762
3.5	5470.827	5429.314	5439.693	5429.314	5426.349
4.0	5463.414	5423.384	5433.762	5421.901	5417.453
4.5	5460.449	5417.453	5426.349	5413.006	5407.075
5.0	5453.036	5411.523	5417.453	5404.110	5398.179
5.5	5450.071	5402.627	5408.558	5392.249	5384.836
6.0	5436.727	5395.214	5398.179	5380.388	5372.975
6.5	5429.314	5387.801	5386.319	5367.045	5358.149
7.0	5420.419	5377.423	5375.940	5353.701	5344.806
7.5	5411.523	5367.045	5362.597	5338.875	5328.497
8.0	5401.145	5355.184	5350.736	5322.566	5310.706
8.5	5390.766	5344.806	5337.393	5304.775	5292.914
9.0	5378.906	5332.945	5321.084	5286.984	5275.123
9.5	5365.562	5318.119	5306.258	5267.710	5254.366
10.0	5355.184	5304.775	5288.466	5249.919	5235.092
10.5	5338.875	5289.949	5272.158	5230.645	5214.336
11.0	5324.049	5275.123	5252.884	5208.406	5193.579
11.5	5309.223	5258.814	5233.610	5186.166	5168.375
12.0	5292.914	5242.506	5214.336	5162.445	5144.653
12.5	5273.640	5223.232	5193.579	5138.723	5117.966
13.0	5257.332	5205.440	5171.340	5113.519	5092.762
13.5	5241.023	5186.166	5149.101	5088.314	5067.558
14.0	5220.266	5166.892	5126.862	5060.145	5037.905
14.5	5202.475	5144.653	5101.658	5033.458	5009.736
15.0	5181.719	5123.897	5076.453	5005.288	4980.084
15.5	5160.962	5101.658	5051.249	4975.636	4950.432
16.0	5138.723	5079.419	5024.562	4945.984	4917.814
16.5	5117.966	5057.179	4997.875	4914.849	4886.679
17.0	5094.245	5031.975	4969.705	4883.714	4852.579
17.5	5072.006	5006.771	4943.019	4851.097	4818.479
18.0	5046.801	4983.049	4913.366	4818.479	4784.379
18.5	5024.562	4956.362	4883.714	4784.379	4747.314
19.0	4997.875	4929.675	4852.579	4748.797	4710.249
19.5	4972.671	4902.988	4821.445	4714.697	4673.184
20.0	4945.984	4874.819	4788.827	4679.114	4636.118
20.5	4919.297	4846.649	4756.210	4642.049	4597.571
21.0	4891.127	4818.479	4723.592	4604.984	4557.540
21.5	4864.440	4787.345	4689.492	4566.436	4518.992
22.0	4834.788	4757.692	4653.910	4527.888	4480.444
22.5	4805.136	4726.558	4618.327	4489.340	4438.931
23.0	4776.966	4696.905	4584.227	4447.827	4397.418
23.5	4747.314	4664.288	4547.162	4407.797	4355.905
24.0	4716.179	4631.671	4510.097	4367.766	4312.910
24.5	4685.045	4599.053	4471.549	4326.253	4271.397
25.0	4652.427	4566.436	4434.484	4284.740	4228.401
25.5	4618.327	4530.853	4395.936	4241.744	4182.440
26.0	4585.710	4496.753	4354.423	4198.749	4137.962
26.5	4553.092	4461.171	4315.875	4155.753	4092.001

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PHOTOMETRIC FILENAME : LRX4X-6-L19-840-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	4517.510	4425.588	4274.362	4111.275	4047.523
27.5	4480.444	4388.523	4234.331	4066.797	4003.044
28.0	4446.344	4352.940	4192.818	4020.836	3955.601
28.5	4410.762	4315.875	4152.788	3976.357	3909.640
29.0	4375.179	4278.810	4111.275	3930.397	3865.162
29.5	4333.666	4240.262	4068.279	3884.436	3817.718
30.0	4293.636	4200.231	4025.284	3838.475	3771.757
30.5	4256.571	4161.684	3983.770	3793.997	3724.314
31.0	4218.023	4123.136	3940.775	3748.036	3676.870
31.5	4180.957	4083.105	3897.779	3700.592	3629.427
32.0	4139.444	4043.075	3853.301	3654.631	3583.466
32.5	4100.897	4001.562	3810.305	3607.188	3534.540
33.0	4060.866	3961.531	3764.344	3561.227	3488.579
33.5	4020.836	3920.018	3722.831	3513.783	3438.170
34.0	3982.288	3878.505	3676.870	3467.823	3392.209
34.5	3942.257	3838.475	3632.392	3421.862	3346.249
35.0	3902.227	3795.479	3586.431	3374.418	3298.805
35.5	3860.714	3752.483	3541.953	3329.940	3249.879
36.0	3822.166	3710.970	3497.475	3282.496	3205.401
36.5	3780.653	3667.975	3451.514	3236.536	3157.957
37.0	3737.657	3624.979	3408.518	3190.575	3113.479
37.5	3696.144	3581.983	3364.040	3143.131	3066.035
38.0	3654.631	3537.505	3318.079	3097.170	3018.592
38.5	3611.636	3495.992	3273.601	3051.209	2972.631
39.0	3567.157	3451.514	3229.122	3005.249	2926.670
39.5	3525.644	3408.518	3183.162	2959.288	2880.709
40.0	3482.649	3364.040	3138.683	2916.292	2836.231
40.5	3436.688	3321.044	3092.722	2870.331	2788.788
41.0	3393.692	3276.566	3048.244	2824.370	2739.861
41.5	3350.696	3233.570	3003.766	2778.409	2693.901
42.0	3304.736	3189.092	2959.288	2730.966	2646.457
42.5	3257.292	3143.131	2914.809	2686.488	2600.496
43.0	3212.814	3098.653	2870.331	2637.561	2554.535
43.5	3169.818	3055.657	2825.853	2591.601	2511.540
44.0	3122.375	3011.179	2781.375	2548.605	2467.061
44.5	3077.896	2966.701	2732.448	2504.127	2422.583
45.0	3031.935	2923.705	2687.970	2461.131	2379.587
45.5	2985.975	2877.744	2642.009	2418.135	2335.109
46.0	2941.496	2834.748	2599.014	2375.140	2292.114
46.5	2897.018	2790.270	2556.018	2333.627	2250.601
47.0	2851.057	2745.792	2513.022	2290.631	2207.605
47.5	2805.096	2698.348	2471.509	2249.118	2166.092
48.0	2760.618	2652.388	2429.996	2207.605	2123.096
48.5	2714.657	2609.392	2387.001	2166.092	2081.583
49.0	2665.731	2564.914	2345.487	2124.579	2041.553
49.5	2622.735	2523.401	2305.457	2083.066	2001.522
50.0	2578.257	2480.405	2263.944	2043.035	1961.492
50.5	2536.744	2437.409	2222.431	2003.005	1921.461
51.0	2492.266	2395.896	2180.918	1961.492	1881.431
51.5	2449.270	2352.901	2140.887	1922.944	1842.883
52.0	2407.757	2309.905	2099.374	1882.913	1804.335
52.5	2364.761	2268.392	2059.344	1844.366	1767.270
53.0	2321.766	2226.879	2019.314	1805.818	1730.205
53.5	2278.770	2185.366	1980.766	1767.270	1691.657
54.0	2237.257	2143.853	1939.253	1730.205	1654.592
54.5	2194.261	2103.822	1900.705	1691.657	1617.526

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PHOTOMETRIC FILENAME : LRX4X-6-L19-840-DMA-DIM-UNV_.IES

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55.0	2152.748	2062.309	1860.674	1656.074	1580.461
55.5	2109.753	2022.279	1822.127	1617.526	1544.879
56.0	2066.757	1980.766	1783.579	1581.944	1509.296
56.5	2025.244	1940.735	1745.031	1546.361	1475.937
57.0	1982.248	1900.705	1705.000	1510.779	1440.799
57.5	1940.735	1862.157	1667.935	1475.196	1406.551
58.0	1899.222	1822.127	1629.387	1440.206	1372.896
58.5	1857.709	1782.096	1590.839	1405.662	1339.241
59.0	1816.196	1743.548	1553.774	1371.710	1305.882
59.5	1774.683	1705.000	1516.709	1337.758	1273.413
60.0	1734.653	1666.453	1479.347	1303.658	1241.092
60.5	1694.622	1627.905	1443.172	1270.448	1208.771
61.0	1654.592	1590.839	1406.255	1237.534	1177.043
61.5	1616.044	1552.292	1370.376	1204.323	1145.760
62.0	1576.013	1513.744	1334.200	1172.595	1115.515
62.5	1537.466	1477.123	1299.210	1140.719	1084.677
63.0	1498.918	1440.503	1264.369	1108.992	1054.432
63.5	1461.111	1403.882	1229.528	1076.967	1023.890
64.0	1424.342	1367.559	1195.576	1046.129	994.534
64.5	1386.388	1331.235	1161.328	1015.439	965.327
65.0	1349.619	1295.652	1127.672	984.749	936.861
65.5	1313.147	1259.625	1093.721	954.652	907.802
66.0	1276.823	1223.894	1060.955	925.296	879.335
66.5	1240.796	1188.608	1028.041	895.496	850.573
67.0	1204.323	1153.618	995.572	865.992	822.996
67.5	1167.851	1118.629	963.548	837.526	795.420
68.0	1132.862	1084.232	931.227	808.911	767.547
68.5	1097.131	1050.132	899.647	780.742	740.711
69.0	1061.696	1016.032	868.364	752.721	714.025
69.5	1027.300	982.080	837.822	724.996	688.079
70.0	992.458	948.277	806.688	697.864	661.837
70.5	958.062	915.066	776.146	670.881	636.484
71.0	923.665	882.152	746.494	644.638	610.835
71.5	890.010	848.942	716.841	618.544	586.075
72.0	856.503	816.621	687.486	592.599	561.316
72.5	823.145	784.597	658.278	567.246	537.298
73.0	790.675	753.017	629.664	541.745	513.724
73.5	758.206	720.993	601.494	517.431	490.151
74.0	726.330	689.561	573.621	492.968	466.725
74.5	694.751	658.723	546.045	469.246	444.486
75.0	663.616	628.330	518.617	445.376	422.395
75.5	633.074	598.529	492.078	422.692	400.453
76.0	603.274	569.025	466.132	400.008	379.251
76.5	573.325	539.521	440.187	378.214	358.495
77.0	545.007	510.759	415.279	356.419	337.887
77.5	516.244	482.441	390.519	335.366	317.723
78.0	487.630	454.568	366.056	314.758	298.597
78.5	459.312	426.991	342.631	294.743	279.175
79.0	432.329	400.453	319.651	275.024	260.494
79.5	405.790	373.469	297.263	255.305	242.258
80.0	379.400	347.672	275.024	236.773	224.615
80.5	353.157	322.023	253.378	218.388	207.120
81.0	327.805	297.115	232.621	200.894	190.515
81.5	302.749	272.948	212.310	183.547	174.058
82.0	278.582	248.485	193.036	166.645	157.750
82.5	255.009	225.357	174.058	150.188	142.182

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CANDELA TABULATION - (Cont.)

83.0	231.732	202.524	155.674	134.176	126.318
83.5	208.751	180.730	138.327	118.460	111.196
84.0	186.809	159.380	121.426	103.041	96.518
84.5	165.163	139.217	105.265	88.363	82.433
85.0	144.703	119.795	89.698	74.575	68.645
85.5	124.836	101.114	74.872	60.490	53.819
86.0	106.155	83.323	61.528	45.961	37.510
86.5	87.622	67.310	48.630	29.059	23.129
87.0	70.572	52.188	34.693	18.384	16.457
87.5	54.708	38.844	20.015	14.085	12.899
88.0	40.030	26.539	12.602	10.823	10.082
88.5	27.577	14.826	9.340	7.858	6.968
89.0	17.347	7.413	6.227	5.041	4.448
89.5	8.599	4.003	3.410	2.520	2.224
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-6-L19-840-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 : LRX4X-6-L19-840-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 : LRX4X-6-L19-840-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1939.07	N.A.	16.50
0-30	3974.75	N.A.	33.70
0-40	6217.19	N.A.	52.80
0-60	9963.31	N.A.	84.50
0-80	11663.21	N.A.	99.00
0-90	11785.27	N.A.	100.00
10-90	11272.59	N.A.	95.60
20-40	4278.12	N.A.	36.30
20-50	6357.6	N.A.	53.90
40-70	4875.69	N.A.	41.40
60-80	1699.91	N.A.	14.40
70-80	570.33	N.A.	4.80
80-90	122.05	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	11785.27	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	512.68
10-20	1426.39
20-30	2035.68
30-40	2242.44
40-50	2079.48
50-60	1666.64
60-70	1129.58
70-80	570.33
80-90	122.05
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-6-L19-840-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	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-6-L19-840-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

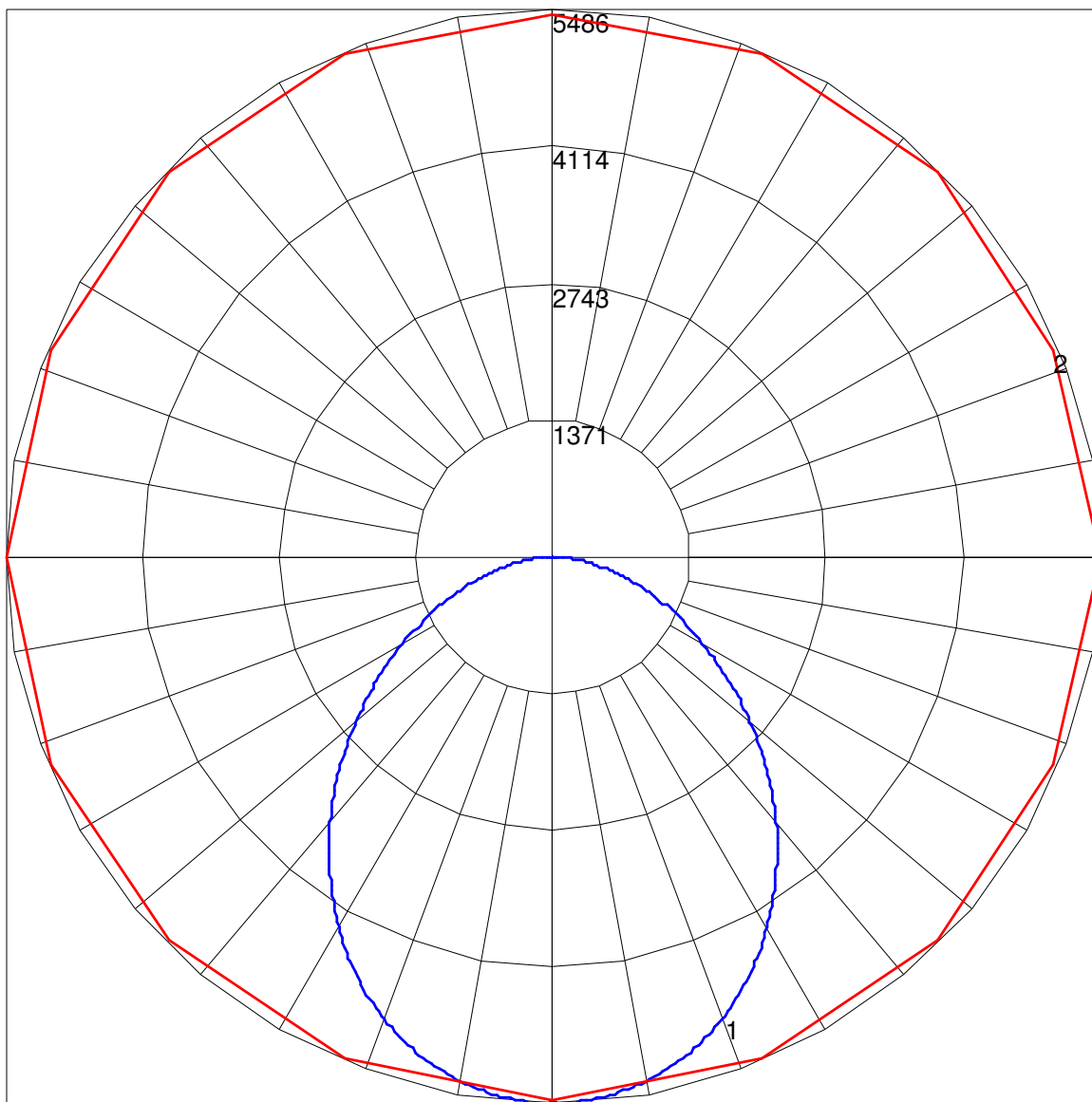
Reflectances

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					UGR Viewed Endwise				
X=2H	Y=2H	21.7	23.3	22.1	23.6	23.9	20.0	21.5	20.4	21.8	22.2
	3H	23.3	24.7	23.7	25.0	25.4	21.3	22.7	21.7	23.0	23.4
	4H	23.9	25.2	24.3	25.5	25.9	21.8	23.0	22.2	23.4	23.8
	6H	24.2	25.4	24.6	25.8	26.2	22.0	23.2	22.4	23.6	24.0
	8H	24.3	25.5	24.8	25.9	26.3	22.1	23.2	22.5	23.6	24.0
	12H	24.4	25.5	24.8	25.9	26.3	22.1	23.2	22.5	23.6	24.0
4H	2H	22.1	23.4	22.5	23.7	24.1	20.7	22.0	21.1	22.3	22.7
	3H	23.9	25.0	24.3	25.4	25.8	22.2	23.3	22.6	23.7	24.1
	4H	24.6	25.5	25.0	26.0	26.4	22.7	23.7	23.1	24.1	24.5
	6H	25.1	25.9	25.5	26.4	26.8	23.1	23.9	23.5	24.4	24.8
	8H	25.2	26.0	25.7	26.5	26.9	23.1	23.9	23.6	24.4	24.8
	12H	25.3	26.0	25.8	26.5	27.0	23.2	23.9	23.7	24.4	24.8
8H	4H	24.7	25.5	25.2	25.9	26.4	23.0	23.8	23.5	24.3	24.7
	6H	25.3	25.9	25.8	26.4	26.9	23.4	24.1	23.9	24.6	25.1
	8H	25.5	26.1	26.0	26.6	27.1	23.6	24.2	24.1	24.7	25.2
	12H	25.6	26.1	26.1	26.6	27.2	23.6	24.2	24.1	24.6	25.2
12H	4H	24.7	25.4	25.2	25.9	26.3	23.1	23.8	23.5	24.2	24.7
	6H	25.3	25.9	25.8	26.3	26.9	23.5	24.1	24.0	24.6	25.1
	8H	25.5	26.0	26.0	26.5	27.1	23.7	24.2	24.2	24.7	25.2

Maximum UGR = 27.2

POLAR GRAPH



Maximum Candela = 5485.653 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.)