

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-6-L19-830-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-6-L19-830-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	11328
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	114
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	18420	16331	14457
55	16124	13936	11837
65	13719	11463	9523
75	11015	8608	7011
85	7133	4421	3384

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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	5246.968	5246.968	5246.968	5246.968	5246.968
0.5	5272.618	5235.568	5248.393	5244.118	5241.268
1.0	5271.193	5234.143	5246.968	5242.693	5239.843
1.5	5269.768	5231.293	5245.543	5239.843	5236.993
2.0	5266.918	5229.868	5241.268	5234.143	5235.568
2.5	5265.493	5227.017	5238.418	5231.293	5229.868
3.0	5261.218	5222.742	5234.143	5224.167	5222.742
3.5	5258.368	5218.467	5228.442	5218.467	5215.617
4.0	5251.243	5212.767	5222.742	5211.342	5207.067
4.5	5248.393	5207.067	5215.617	5202.792	5197.092
5.0	5241.268	5201.367	5207.067	5194.242	5188.542
5.5	5238.418	5192.817	5198.517	5182.841	5175.716
6.0	5225.592	5185.692	5188.542	5171.441	5164.316
6.5	5218.467	5178.566	5177.141	5158.616	5150.066
7.0	5209.917	5168.591	5167.166	5145.791	5137.240
7.5	5201.367	5158.616	5154.341	5131.540	5121.565
8.0	5191.392	5147.216	5142.941	5115.865	5104.465
8.5	5181.416	5137.240	5130.115	5098.765	5087.364
9.0	5170.016	5125.840	5114.440	5081.664	5070.264
9.5	5157.191	5111.590	5100.190	5063.139	5050.313
10.0	5147.216	5098.765	5083.089	5046.038	5031.788
10.5	5131.540	5084.514	5067.414	5027.513	5011.838
11.0	5117.290	5070.264	5048.888	5006.137	4991.887
11.5	5103.040	5054.589	5030.363	4984.762	4967.662
12.0	5087.364	5038.913	5011.838	4961.961	4944.861
12.5	5068.839	5020.388	4991.887	4939.161	4919.211
13.0	5053.164	5003.287	4970.512	4914.935	4894.985
13.5	5037.488	4984.762	4949.136	4890.710	4870.759
14.0	5017.538	4966.237	4927.761	4863.634	4842.259
14.5	5000.437	4944.861	4903.535	4837.984	4815.183
15.0	4980.487	4924.911	4879.310	4810.908	4786.683
15.5	4960.536	4903.535	4855.084	4782.407	4758.182
16.0	4939.161	4882.160	4829.434	4753.907	4726.831
16.5	4919.211	4860.784	4803.783	4723.981	4696.906
17.0	4896.410	4836.559	4776.707	4694.055	4664.130
17.5	4875.035	4812.333	4751.057	4662.705	4631.354
18.0	4850.809	4789.533	4722.556	4631.354	4598.578
18.5	4829.434	4763.882	4694.055	4598.578	4562.953
19.0	4803.783	4738.231	4664.130	4564.378	4527.327
19.5	4779.557	4712.581	4634.204	4531.602	4491.701
20.0	4753.907	4685.505	4602.853	4497.401	4456.075
20.5	4728.256	4658.430	4571.503	4461.775	4419.024
21.0	4701.181	4631.354	4540.152	4426.149	4380.548
21.5	4675.530	4601.428	4507.376	4389.099	4343.498
22.0	4647.029	4572.928	4473.176	4352.048	4306.447
22.5	4618.529	4543.002	4438.975	4314.997	4266.546
23.0	4591.453	4514.501	4406.199	4275.096	4226.645
23.5	4562.953	4483.151	4370.573	4236.620	4186.744
24.0	4533.027	4451.800	4334.947	4198.144	4145.418
24.5	4503.101	4420.449	4297.897	4158.243	4105.517
25.0	4471.750	4389.099	4262.271	4118.343	4064.191
25.5	4438.975	4354.898	4225.220	4077.017	4020.015
26.0	4407.624	4322.122	4185.319	4035.691	3977.264
26.5	4376.273	4287.921	4148.268	3994.365	3933.088

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CANDELA TABULATION - (Cont.)

27.0	4342.073	4253.721	4108.367	3951.614	3890.337
27.5	4306.447	4218.095	4069.891	3908.863	3847.586
28.0	4273.671	4183.894	4029.991	3864.687	3801.985
28.5	4239.470	4148.268	3991.515	3821.936	3757.809
29.0	4205.269	4112.642	3951.614	3777.760	3715.058
29.5	4165.369	4075.592	3910.288	3733.584	3669.457
30.0	4126.893	4037.116	3868.962	3689.408	3625.281
30.5	4091.267	4000.065	3829.061	3646.657	3579.680
31.0	4054.216	3963.014	3787.735	3602.481	3534.079
31.5	4018.590	3924.538	3746.409	3556.880	3488.478
32.0	3978.689	3886.062	3703.658	3512.704	3444.302
32.5	3941.639	3846.161	3662.332	3467.103	3397.276
33.0	3903.163	3807.686	3618.156	3422.927	3353.100
33.5	3864.687	3767.785	3578.255	3377.326	3304.649
34.0	3827.636	3727.884	3534.079	3333.150	3260.473
34.5	3789.160	3689.408	3491.328	3288.974	3216.297
35.0	3750.684	3648.082	3447.152	3243.373	3170.696
35.5	3710.783	3606.756	3404.401	3200.622	3123.670
36.0	3673.733	3566.855	3361.651	3155.021	3080.919
36.5	3633.832	3525.529	3317.475	3110.845	3035.318
37.0	3592.506	3484.203	3276.149	3066.669	2992.567
37.5	3552.605	3442.877	3233.398	3021.068	2946.966
38.0	3512.704	3400.126	3189.222	2976.892	2901.365
38.5	3471.378	3360.226	3146.471	2932.716	2857.189
39.0	3428.627	3317.475	3103.720	2888.540	2813.013
39.5	3388.726	3276.149	3059.544	2844.364	2768.837
40.0	3347.400	3233.398	3016.793	2803.038	2726.086
40.5	3303.224	3192.072	2972.617	2758.862	2680.485
41.0	3261.898	3149.321	2929.866	2714.686	2633.459
41.5	3220.572	3107.995	2887.115	2670.510	2589.283
42.0	3176.396	3065.244	2844.364	2624.909	2543.682
42.5	3130.795	3021.068	2801.613	2582.158	2499.506
43.0	3088.044	2978.317	2758.862	2535.132	2455.330
43.5	3046.718	2936.991	2716.111	2490.956	2414.004
44.0	3001.117	2894.240	2673.360	2449.630	2371.253
44.5	2958.366	2851.489	2626.334	2406.879	2328.502
45.0	2914.190	2810.163	2583.583	2365.553	2287.176
45.5	2870.014	2765.987	2539.407	2324.227	2244.425
46.0	2827.264	2724.661	2498.081	2282.901	2203.100
46.5	2784.513	2681.910	2456.755	2243.000	2163.199
47.0	2740.337	2639.159	2415.429	2201.674	2121.873
47.5	2696.161	2593.558	2375.528	2161.774	2081.972
48.0	2653.410	2549.382	2335.627	2121.873	2040.646
48.5	2609.234	2508.056	2294.302	2081.972	2000.745
49.0	2562.208	2465.305	2254.401	2042.071	1962.269
49.5	2520.882	2425.404	2215.925	2002.170	1923.793
50.0	2478.131	2384.079	2176.024	1963.694	1885.317
50.5	2438.230	2342.753	2136.123	1925.218	1846.841
51.0	2395.479	2302.852	2096.222	1885.317	1808.366
51.5	2354.153	2261.526	2057.746	1848.267	1771.315
52.0	2314.252	2220.200	2017.845	1809.791	1734.264
52.5	2272.926	2180.299	1979.369	1772.740	1698.638
53.0	2231.600	2140.398	1940.894	1735.689	1663.012
53.5	2190.274	2100.497	1903.843	1698.638	1625.962
54.0	2150.373	2060.596	1863.942	1663.012	1590.336
54.5	2109.047	2022.120	1826.891	1625.962	1554.710

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CANDELA TABULATION - (Cont.)

55.0	2069.146	1982.220	1788.415	1591.761	1519.084
55.5	2027.821	1943.744	1751.364	1554.710	1484.883
56.0	1986.495	1903.843	1714.314	1520.509	1450.683
56.5	1946.594	1865.367	1677.263	1486.308	1418.619
57.0	1905.268	1826.891	1638.787	1452.108	1384.846
57.5	1865.367	1789.840	1603.161	1417.907	1351.928
58.0	1825.466	1751.364	1566.110	1384.276	1319.580
58.5	1785.565	1712.888	1529.059	1351.073	1287.231
59.0	1745.664	1675.838	1493.434	1318.440	1255.168
59.5	1705.763	1638.787	1457.808	1285.806	1223.960
60.0	1667.287	1601.736	1421.897	1253.031	1192.894
60.5	1628.812	1564.685	1387.126	1221.110	1161.829
61.0	1590.336	1529.059	1351.643	1189.474	1131.333
61.5	1553.285	1492.009	1317.157	1157.554	1101.265
62.0	1514.809	1454.958	1282.386	1127.058	1072.194
62.5	1477.758	1419.759	1248.756	1096.420	1042.553
63.0	1440.707	1384.561	1215.267	1065.924	1013.483
63.5	1404.369	1349.363	1181.779	1035.143	984.127
64.0	1369.028	1314.450	1149.146	1005.503	955.911
64.5	1332.547	1279.536	1116.228	976.004	927.838
65.0	1297.207	1245.335	1083.879	946.506	900.478
65.5	1262.151	1210.707	1051.246	917.578	872.547
66.0	1227.238	1176.364	1019.753	889.362	845.186
66.5	1192.609	1142.448	988.117	860.719	817.541
67.0	1157.554	1108.817	956.909	832.361	791.035
67.5	1122.498	1075.187	926.128	805.001	764.530
68.0	1088.867	1042.126	895.063	777.497	737.739
68.5	1054.524	1009.350	864.709	750.422	711.946
69.0	1020.465	976.574	834.641	723.489	686.295
69.5	987.405	943.941	805.286	696.841	661.357
70.0	953.916	911.450	775.360	670.763	636.134
70.5	920.856	879.530	746.004	644.827	611.766
71.0	887.795	847.894	717.504	619.604	587.113
71.5	855.447	815.973	689.003	594.523	563.315
72.0	823.241	784.908	660.787	569.585	539.517
72.5	791.178	754.127	632.714	545.217	516.432
73.0	759.970	723.774	605.211	520.707	493.774
73.5	728.761	692.993	578.135	497.336	471.116
74.0	698.123	662.782	551.345	473.823	448.600
74.5	667.770	633.142	524.839	451.023	427.225
75.0	637.844	603.929	498.476	428.080	405.992
75.5	608.489	575.285	472.968	406.277	384.901
76.0	579.846	546.927	448.030	384.474	364.523
76.5	551.060	518.569	423.092	363.526	344.573
77.0	523.842	490.924	399.151	342.578	324.765
77.5	496.196	463.705	375.353	322.342	305.384
78.0	468.693	436.915	351.840	302.534	287.001
78.5	441.475	410.409	329.325	283.296	268.334
79.0	415.539	384.901	307.237	264.343	250.378
79.5	390.031	358.966	285.719	245.391	232.850
80.0	364.666	334.170	264.343	227.578	215.892
80.5	339.443	309.517	243.538	209.907	199.077
81.0	315.075	285.576	223.588	193.092	183.117
81.5	290.992	262.348	204.065	176.419	167.299
82.0	267.764	238.835	185.539	160.174	151.623
82.5	245.106	216.605	167.299	144.356	136.661

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CANDELA TABULATION - (Cont.)

83.0	222.733	194.659	149.628	128.965	121.413
83.5	200.645	173.711	132.955	113.860	106.877
84.0	179.554	153.191	116.710	99.040	92.770
84.5	158.749	133.811	101.177	84.932	79.232
85.0	139.083	115.143	86.214	71.679	65.979
85.5	119.988	97.187	71.964	58.141	51.729
86.0	102.032	80.087	59.139	44.176	36.053
86.5	84.219	64.696	46.741	27.931	22.230
87.0	67.832	50.161	33.346	17.670	15.818
87.5	52.584	37.336	19.238	13.538	12.398
88.0	38.476	25.508	12.113	10.403	9.690
88.5	26.506	14.250	8.978	7.553	6.698
89.0	16.673	7.125	5.985	4.845	4.275
89.5	8.265	3.848	3.278	2.423	2.138
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-L19-830-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-L19-830-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-L19-830-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1863.77	N.A.	16.50
0-30	3820.39	N.A.	33.70
0-40	5975.74	N.A.	52.80
0-60	9576.38	N.A.	84.50
0-80	11210.27	N.A.	99.00
0-90	11327.59	N.A.	100.00
10-90	10834.82	N.A.	95.60
20-40	4111.98	N.A.	36.30
20-50	6110.7	N.A.	53.90
40-70	4686.35	N.A.	41.40
60-80	1633.89	N.A.	14.40
70-80	548.18	N.A.	4.80
80-90	117.31	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	11327.59	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	492.77
10-20	1371.00
20-30	1956.63
30-40	2155.35
40-50	1998.72
50-60	1601.91
60-70	1085.71
70-80	548.18
80-90	117.31
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-L19-830-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-6-L19-830-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	21.5	23.1	21.9	23.4	23.7	19.8	21.3	20.2	21.6	22.0
	3H	23.1	24.5	23.5	24.8	25.2	21.1	22.5	21.5	22.8	23.2
	4H	23.7	25.0	24.1	25.3	25.7	21.6	22.8	22.0	23.2	23.6
	6H	24.0	25.2	24.4	25.6	26.0	21.8	23.0	22.2	23.4	23.8
	8H	24.1	25.3	24.6	25.7	26.1	21.9	23.0	22.3	23.4	23.8
	12H	24.2	25.3	24.6	25.7	26.1	21.9	23.0	22.3	23.4	23.8

UGR Viewed Endwise

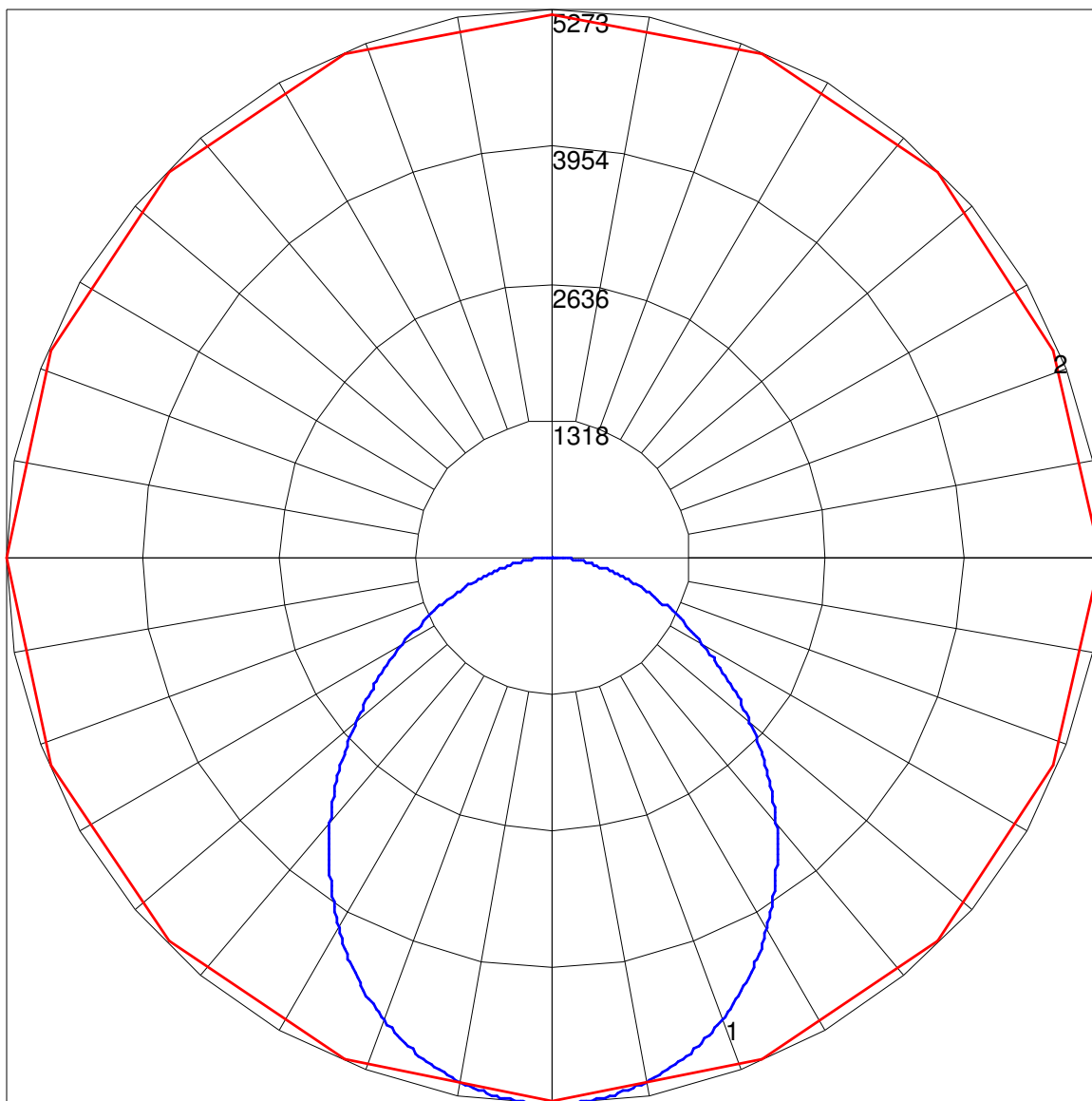
4H	2H	21.9	23.2	22.3	23.5	23.9	20.5	21.8	20.9	22.1	22.5
	3H	23.7	24.8	24.1	25.2	25.6	22.0	23.1	22.4	23.5	23.9
	4H	24.4	25.3	24.8	25.8	26.2	22.5	23.5	22.9	23.9	24.3
	6H	24.9	25.7	25.3	26.2	26.6	22.9	23.7	23.3	24.2	24.6
	8H	25.0	25.8	25.5	26.3	26.7	22.9	23.7	23.4	24.2	24.6
	12H	25.1	25.8	25.6	26.3	26.8	23.0	23.7	23.5	24.2	24.6

8H	4H	24.5	25.3	25.0	25.7	26.2	22.8	23.6	23.3	24.1	24.5
	6H	25.1	25.7	25.6	26.2	26.7	23.2	23.9	23.7	24.4	24.9
	8H	25.3	25.9	25.8	26.4	26.9	23.4	24.0	23.9	24.5	25.0
	12H	25.4	25.9	25.9	26.4	27.0	23.4	24.0	23.9	24.4	25.0

12H	4H	24.5	25.2	25.0	25.7	26.1	22.9	23.6	23.3	24.0	24.5
	6H	25.1	25.7	25.6	26.1	26.7	23.3	23.9	23.8	24.4	24.9
	8H	25.3	25.8	25.8	26.3	26.9	23.5	24.0	24.0	24.5	25.0

Maximum UGR = 27.0

POLAR GRAPH



Maximum Candela = 5272.618 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.)