

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-8-L19-940-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-L19-940-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	13120
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	99
Total Luminaire Watts	132.8
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	16002	14186	12559
55	14007	12106	10283
65	11918	9958	8273
75	9569	7478	6090
85	6196	3841	2939

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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	6077.296	6077.296	6077.296	6077.296	6077.296
0.5	6107.005	6064.091	6078.946	6073.995	6070.694
1.0	6105.355	6062.441	6077.296	6072.344	6069.043
1.5	6103.704	6059.140	6075.645	6069.043	6065.742
2.0	6100.403	6057.489	6070.694	6062.441	6064.091
2.5	6098.753	6054.188	6067.392	6059.140	6057.489
3.0	6093.801	6049.237	6062.441	6050.887	6049.237
3.5	6090.500	6044.285	6055.839	6044.285	6040.984
4.0	6082.247	6037.683	6049.237	6036.032	6031.081
4.5	6078.946	6031.081	6040.984	6026.129	6019.527
5.0	6070.694	6024.478	6031.081	6016.226	6009.623
5.5	6067.392	6014.575	6021.177	6003.021	5994.769
6.0	6052.538	6006.322	6009.623	5989.817	5981.564
6.5	6044.285	5998.070	5996.419	5974.962	5965.059
7.0	6034.382	5986.516	5984.865	5960.107	5950.204
7.5	6024.478	5974.962	5970.010	5943.602	5932.048
8.0	6012.925	5961.758	5956.806	5925.446	5912.242
8.5	6001.371	5950.204	5941.951	5905.639	5892.435
9.0	5988.166	5937.000	5923.795	5885.833	5872.629
9.5	5973.312	5920.494	5907.290	5864.376	5849.521
10.0	5961.758	5905.639	5887.483	5844.569	5828.064
10.5	5943.602	5889.134	5869.327	5823.112	5804.956
11.0	5927.096	5872.629	5847.870	5798.354	5781.849
11.5	5910.591	5854.473	5826.413	5773.596	5753.789
12.0	5892.435	5836.317	5804.956	5747.187	5727.381
12.5	5870.978	5814.860	5781.849	5720.779	5697.671
13.0	5852.822	5795.053	5757.091	5692.719	5669.612
13.5	5834.666	5773.596	5732.332	5664.660	5641.553
14.0	5811.558	5752.139	5707.574	5633.300	5608.542
14.5	5791.752	5727.381	5679.515	5603.590	5577.181
15.0	5768.644	5704.273	5651.456	5572.230	5544.171
15.5	5745.537	5679.515	5623.397	5539.219	5511.160
16.0	5720.779	5654.757	5593.687	5506.208	5474.848
16.5	5697.671	5629.999	5563.977	5471.547	5440.187
17.0	5671.262	5601.940	5532.617	5436.885	5402.224
17.5	5646.504	5573.880	5502.907	5400.573	5364.262
18.0	5618.445	5547.472	5469.896	5364.262	5326.299
18.5	5593.687	5517.762	5436.885	5326.299	5285.036
19.0	5563.977	5488.052	5402.224	5286.686	5243.772
19.5	5535.918	5458.342	5367.563	5248.724	5202.508
20.0	5506.208	5426.982	5331.251	5209.111	5161.245
20.5	5476.498	5395.622	5294.939	5167.847	5118.331
21.0	5445.138	5364.262	5258.627	5126.584	5073.766
21.5	5415.428	5329.600	5220.664	5083.669	5030.852
22.0	5382.418	5296.589	5181.051	5040.755	4987.938
22.5	5349.407	5261.928	5141.438	4997.841	4941.723
23.0	5318.046	5228.917	5103.476	4951.626	4895.508
23.5	5285.036	5192.605	5062.212	4907.061	4849.292
24.0	5250.374	5156.293	5020.949	4862.497	4801.427
24.5	5215.713	5119.981	4978.035	4816.282	4755.212
25.0	5179.401	5083.669	4936.771	4770.066	4707.346
25.5	5141.438	5044.056	4893.857	4722.201	4656.179
26.0	5105.126	5006.094	4847.642	4674.335	4606.663
26.5	5068.815	4966.481	4804.728	4626.469	4555.496

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CANDELA TABULATION - (Cont.)

27.0	5029.202	4926.868	4758.513	4576.953	4505.980
27.5	4987.938	4885.604	4713.948	4527.437	4456.463
28.0	4949.976	4845.991	4667.733	4476.270	4403.646
28.5	4910.363	4804.728	4623.168	4426.754	4352.479
29.0	4870.750	4763.464	4576.953	4375.587	4302.963
29.5	4824.534	4720.550	4529.087	4324.420	4250.146
30.0	4779.970	4675.986	4481.222	4273.253	4198.979
30.5	4738.706	4633.071	4435.006	4223.737	4146.162
31.0	4695.792	4590.157	4387.141	4172.570	4093.344
31.5	4654.528	4545.593	4339.275	4119.753	4040.527
32.0	4608.313	4501.028	4289.759	4068.586	3989.360
32.5	4565.399	4454.813	4241.893	4015.769	3934.892
33.0	4520.835	4410.248	4190.726	3964.602	3883.725
33.5	4476.270	4364.033	4144.511	3911.785	3827.607
34.0	4433.356	4317.818	4093.344	3860.618	3776.440
34.5	4388.791	4273.253	4043.828	3809.451	3725.273
35.0	4344.227	4225.388	3992.661	3756.634	3672.456
35.5	4298.011	4177.522	3943.145	3707.117	3617.988
36.0	4255.097	4131.307	3893.629	3654.300	3568.472
36.5	4208.882	4083.441	3842.462	3603.133	3515.655
37.0	4161.016	4035.575	3794.596	3551.966	3466.138
37.5	4114.801	3987.710	3745.080	3499.149	3413.321
38.0	4068.586	3938.193	3693.913	3447.982	3360.504
38.5	4020.720	3891.978	3644.397	3396.815	3309.337
39.0	3971.204	3842.462	3594.881	3345.649	3258.170
39.5	3924.989	3794.596	3543.714	3294.482	3207.003
40.0	3877.123	3745.080	3494.197	3246.616	3157.487
40.5	3825.956	3697.214	3443.031	3195.449	3104.670
41.0	3778.091	3647.698	3393.514	3144.283	3050.202
41.5	3730.225	3599.832	3343.998	3093.116	2999.035
42.0	3679.058	3550.316	3294.482	3040.298	2946.218
42.5	3626.241	3499.149	3244.966	2990.782	2895.051
43.0	3576.725	3449.633	3195.449	2936.314	2843.884
43.5	3528.859	3401.767	3145.933	2885.147	2796.018
44.0	3476.041	3352.251	3096.417	2837.282	2746.502
44.5	3426.525	3302.735	3041.949	2787.765	2696.986
45.0	3375.358	3254.869	2992.433	2739.900	2649.120
45.5	3324.192	3203.702	2941.266	2692.034	2599.604
46.0	3274.675	3155.836	2893.400	2644.168	2551.738
46.5	3225.159	3106.320	2845.534	2597.953	2505.523
47.0	3173.992	3056.804	2797.669	2550.087	2457.657
47.5	3122.826	3003.986	2751.454	2503.872	2411.442
48.0	3073.309	2952.820	2705.238	2457.657	2363.576
48.5	3022.142	2904.954	2657.373	2411.442	2317.361
49.0	2967.675	2855.438	2611.157	2365.227	2272.796
49.5	2919.809	2809.223	2566.593	2319.012	2228.232
50.0	2870.293	2761.357	2520.378	2274.447	2183.667
50.5	2824.077	2713.491	2474.162	2229.882	2139.102
51.0	2774.561	2667.276	2427.947	2183.667	2094.538
51.5	2726.695	2619.410	2383.383	2140.753	2051.624
52.0	2680.480	2571.544	2337.168	2096.188	2008.710
52.5	2632.615	2525.329	2292.603	2053.274	1967.446
53.0	2584.749	2479.114	2248.038	2010.360	1926.183
53.5	2536.883	2432.899	2205.124	1967.446	1883.268
54.0	2490.668	2386.684	2158.909	1926.183	1842.005
54.5	2442.802	2342.119	2115.995	1883.268	1800.741

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55.0	2396.587	2295.904	2071.430	1843.655	1759.478
55.5	2348.721	2251.339	2028.516	1800.741	1719.865
56.0	2300.856	2205.124	1985.602	1761.128	1680.252
56.5	2254.640	2160.560	1942.688	1721.515	1643.115
57.0	2206.775	2115.995	1898.123	1681.902	1603.997
57.5	2160.560	2073.081	1856.860	1642.289	1565.869
58.0	2114.344	2028.516	1813.946	1603.337	1528.402
58.5	2068.129	1983.952	1771.032	1564.879	1490.935
59.0	2021.914	1941.037	1729.768	1527.081	1453.797
59.5	1975.699	1898.123	1688.504	1489.284	1417.651
60.0	1931.134	1855.209	1646.911	1451.322	1381.669
60.5	1886.570	1812.295	1606.638	1414.349	1345.687
61.0	1842.005	1771.032	1565.539	1377.707	1310.365
61.5	1799.091	1728.117	1525.596	1340.735	1275.539
62.0	1754.526	1685.203	1485.323	1305.414	1241.868
62.5	1711.612	1644.435	1446.370	1269.927	1207.537
63.0	1668.698	1603.667	1407.582	1234.605	1173.865
63.5	1626.609	1562.898	1368.794	1198.954	1139.864
64.0	1585.676	1522.460	1330.997	1164.622	1107.184
64.5	1543.422	1482.022	1292.870	1130.456	1074.668
65.0	1502.488	1442.409	1255.402	1096.290	1042.978
65.5	1461.885	1402.301	1217.605	1062.784	1010.627
66.0	1421.447	1362.522	1181.128	1030.103	978.936
66.5	1381.339	1323.240	1144.486	996.927	946.916
67.0	1340.735	1284.287	1108.339	964.082	916.216
67.5	1300.132	1245.334	1072.687	932.391	885.516
68.0	1261.179	1207.041	1036.705	900.536	854.486
68.5	1221.401	1169.079	1001.549	869.175	824.611
69.0	1181.953	1131.116	966.722	837.980	794.901
69.5	1143.661	1093.319	932.721	807.115	766.017
70.0	1104.873	1055.687	898.060	776.910	736.802
70.5	1066.580	1018.715	864.059	746.870	708.578
71.0	1028.288	982.073	831.048	717.656	680.023
71.5	990.820	945.100	798.037	688.606	652.459
72.0	953.518	909.119	765.356	659.722	624.895
72.5	916.381	873.467	732.841	631.497	598.156
73.0	880.234	838.310	700.985	603.108	571.913
73.5	844.087	802.659	669.625	576.039	545.669
74.0	808.601	767.667	638.595	548.805	519.591
74.5	773.444	733.336	607.895	522.397	494.832
75.0	738.783	699.500	577.360	495.823	470.239
75.5	704.781	666.324	547.815	470.570	445.811
76.0	671.606	633.478	518.930	445.316	422.209
76.5	638.265	600.632	490.046	421.053	399.101
77.0	606.739	568.612	462.317	396.790	376.159
77.5	574.719	537.086	434.753	373.353	353.711
78.0	542.863	506.056	407.519	350.410	332.419
78.5	511.338	475.356	381.440	328.128	310.797
79.0	481.298	445.811	355.857	306.176	290.000
79.5	451.753	415.772	330.934	284.223	269.699
80.0	422.374	387.052	306.176	263.592	250.057
80.5	393.159	358.498	282.078	243.125	230.581
81.0	364.935	330.769	258.970	223.648	212.095
81.5	337.041	303.865	236.358	204.337	193.774
82.0	310.137	276.631	214.901	185.521	175.618
82.5	283.893	250.882	193.774	167.200	158.287

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CANDELA TABULATION - (Cont.)

83.0	257.980	225.464	173.307	149.374	140.626
83.5	232.396	201.201	153.996	131.878	123.791
84.0	207.968	177.433	135.179	114.713	107.450
84.5	183.870	154.986	117.188	98.372	91.770
85.0	161.093	133.364	99.858	83.022	76.420
85.5	138.976	112.567	83.352	67.342	59.915
86.0	118.179	92.760	68.497	51.167	41.759
86.5	97.547	74.935	54.138	32.351	25.748
87.0	78.566	58.099	38.623	20.467	18.321
87.5	60.905	43.244	22.282	15.680	14.360
88.0	44.565	29.545	14.030	12.049	11.224
88.5	30.700	16.505	10.398	8.748	7.758
89.0	19.311	8.253	6.932	5.612	4.952
89.5	9.573	4.456	3.796	2.806	2.476
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-L19-940-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 : LRX4X-8-L19-940-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 : LRX4X-8-L19-940-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2158.71	N.A.	16.50
0-30	4424.97	N.A.	33.70
0-40	6921.4	N.A.	52.80
0-60	11091.83	N.A.	84.50
0-80	12984.29	N.A.	99.00
0-90	13120.17	N.A.	100.00
10-90	12549.42	N.A.	95.60
20-40	4762.69	N.A.	36.30
20-50	7077.71	N.A.	53.90
40-70	5427.96	N.A.	41.40
60-80	1892.45	N.A.	14.40
70-80	634.93	N.A.	4.80
80-90	135.88	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	13120.17	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	570.75
10-20	1587.96
20-30	2266.26
30-40	2496.43
40-50	2315.02
50-60	1855.41
60-70	1257.52
70-80	634.93
80-90	135.88
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-L19-940-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	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-L19-940-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

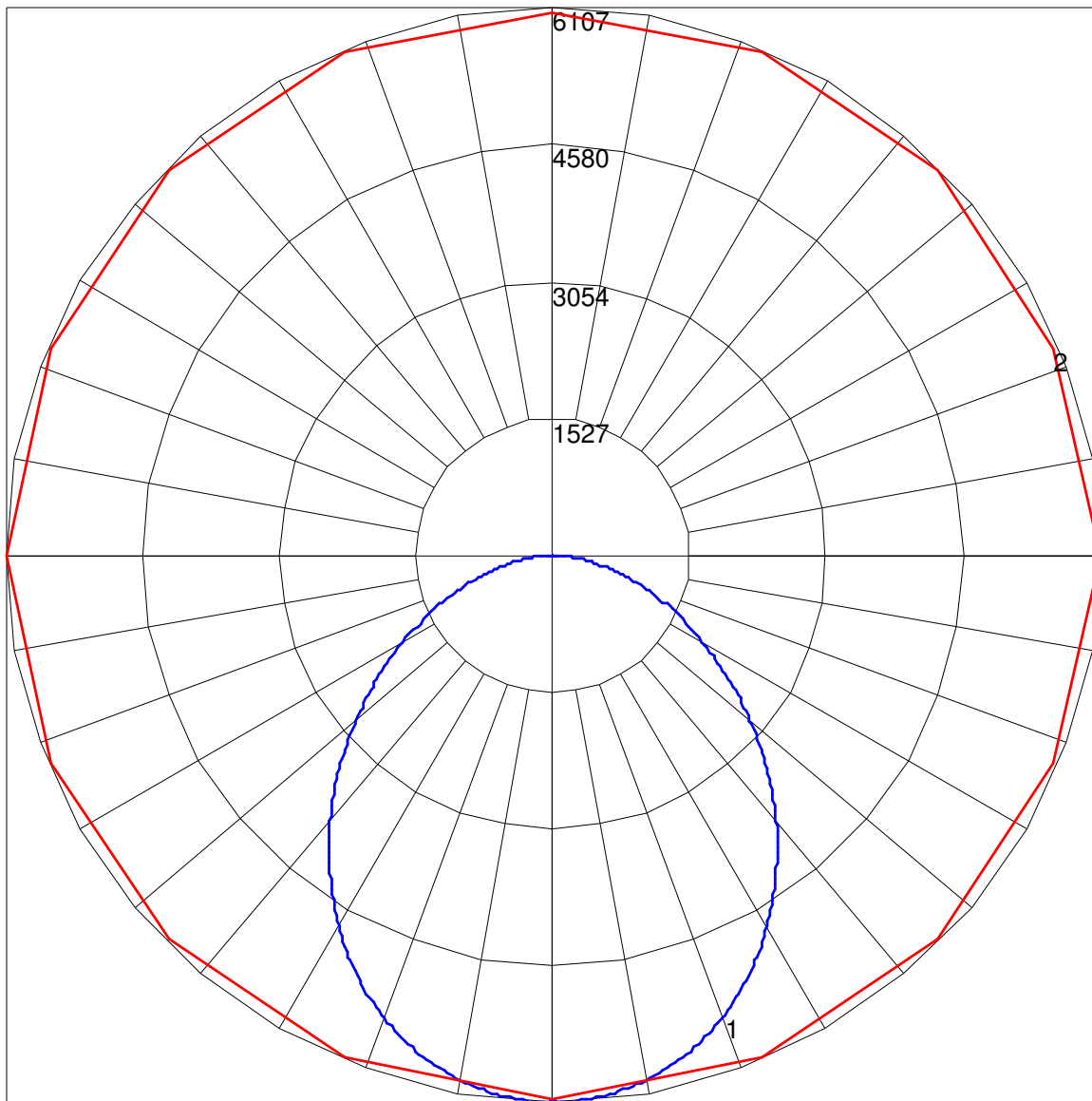
X=2H	Y=2H	21.1	22.7	21.5	23.0	23.3	19.4	20.9	19.8	21.2	21.6
	3H	22.7	24.1	23.1	24.4	24.8	20.7	22.1	21.1	22.4	22.8
	4H	23.3	24.6	23.7	24.9	25.3	21.2	22.5	21.6	22.8	23.2
	6H	23.6	24.8	24.0	25.2	25.6	21.4	22.6	21.8	23.0	23.4
	8H	23.7	24.9	24.2	25.3	25.7	21.5	22.6	21.9	23.0	23.4
	12H	23.8	24.9	24.2	25.3	25.7	21.5	22.6	21.9	23.0	23.4

UGR Viewed Endwise

4H	2H	21.5	22.8	21.9	23.1	23.5	20.1	21.4	20.5	21.7	22.1
	3H	23.3	24.4	23.7	24.8	25.2	21.6	22.7	22.0	23.1	23.5
	4H	24.0	24.9	24.4	25.4	25.8	22.1	23.1	22.5	23.5	23.9
	6H	24.5	25.3	24.9	25.8	26.2	22.5	23.3	22.9	23.8	24.2
	8H	24.6	25.4	25.1	25.9	26.3	22.5	23.3	23.0	23.8	24.2
	12H	24.7	25.4	25.2	25.9	26.4	22.6	23.3	23.1	23.8	24.2
8H	4H	24.1	24.9	24.6	25.3	25.8	22.4	23.2	22.9	23.7	24.1
	6H	24.7	25.3	25.2	25.8	26.3	22.8	23.5	23.3	24.0	24.5
	8H	24.9	25.5	25.4	26.0	26.5	23.0	23.6	23.5	24.1	24.6
	12H	25.0	25.5	25.5	26.0	26.6	23.0	23.6	23.5	24.0	24.6
12H	4H	24.1	24.8	24.6	25.3	25.7	22.5	23.2	22.9	23.6	24.1
	6H	24.7	25.3	25.2	25.7	26.3	22.9	23.5	23.4	24.0	24.5
	8H	24.9	25.4	25.4	25.9	26.5	23.1	23.6	23.6	24.1	24.6

Maximum UGR = 26.6

POLAR GRAPH



Maximum Candela = 6107.005 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.)