

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-6-L19-950-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-L19-950-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	10183
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	102
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	16560	14681	12997
55	14495	12529	10642
65	12333	10305	8561
75	9902	7739	6303
85	6412	3975	3042

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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	4716.970	4716.970	4716.970	4716.970	4716.970
0.5	4740.029	4706.721	4718.251	4714.407	4711.845
1.0	4738.748	4705.440	4716.970	4713.126	4710.564
1.5	4737.467	4702.878	4715.688	4710.564	4708.002
2.0	4734.905	4701.596	4711.845	4705.440	4706.721
2.5	4733.624	4699.034	4709.283	4702.878	4701.596
3.0	4729.780	4695.191	4705.440	4696.472	4695.191
3.5	4727.218	4691.348	4700.315	4691.348	4688.786
4.0	4720.813	4686.223	4695.191	4684.942	4681.099
4.5	4718.251	4681.099	4688.786	4677.256	4672.131
5.0	4711.845	4675.975	4681.099	4669.569	4664.445
5.5	4709.283	4668.288	4673.412	4659.321	4652.915
6.0	4697.753	4661.883	4664.445	4649.072	4642.666
6.5	4691.348	4655.477	4654.196	4637.542	4629.855
7.0	4683.661	4646.510	4645.229	4626.012	4618.326
7.5	4675.975	4637.542	4633.699	4613.201	4604.234
8.0	4667.007	4627.293	4623.450	4599.109	4588.861
8.5	4658.039	4618.326	4611.920	4583.736	4573.488
9.0	4647.791	4608.077	4597.828	4568.363	4558.114
9.5	4636.261	4595.266	4585.017	4551.709	4540.179
10.0	4627.293	4583.736	4569.644	4536.336	4523.525
10.5	4613.201	4570.925	4555.552	4519.682	4505.590
11.0	4600.390	4558.114	4538.898	4500.465	4487.655
11.5	4587.580	4544.022	4522.244	4481.249	4465.876
12.0	4573.488	4529.931	4505.590	4460.752	4445.379
12.5	4556.833	4513.276	4487.655	4440.254	4422.319
13.0	4542.741	4497.903	4468.438	4418.476	4400.541
13.5	4528.649	4481.249	4449.222	4396.697	4378.762
14.0	4510.714	4464.595	4430.006	4372.357	4353.140
14.5	4495.341	4445.379	4408.227	4349.297	4328.800
15.0	4477.406	4427.443	4386.449	4324.956	4303.178
15.5	4459.471	4408.227	4364.670	4299.335	4277.556
16.0	4440.254	4389.011	4341.610	4273.713	4249.372
16.5	4422.319	4369.794	4318.551	4246.810	4222.469
17.0	4401.822	4348.016	4294.210	4219.907	4193.004
17.5	4382.605	4326.237	4271.151	4191.723	4163.539
18.0	4360.827	4305.740	4245.529	4163.539	4134.074
18.5	4341.610	4282.680	4219.907	4134.074	4102.047
19.0	4318.551	4259.621	4193.004	4103.328	4070.020
19.5	4296.772	4236.561	4166.101	4073.863	4037.992
20.0	4273.713	4212.220	4137.917	4043.117	4005.965
20.5	4250.653	4187.880	4109.733	4011.089	3972.657
21.0	4226.312	4163.539	4081.549	3979.062	3938.067
21.5	4203.253	4136.636	4052.084	3945.754	3904.759
22.0	4177.631	4111.014	4021.338	3912.446	3871.451
22.5	4152.009	4084.112	3990.592	3879.137	3835.580
23.0	4127.669	4058.490	3961.127	3843.267	3799.710
23.5	4102.047	4030.306	3929.100	3808.677	3763.839
24.0	4075.144	4002.122	3897.073	3774.088	3726.688
24.5	4048.241	3973.938	3863.764	3738.218	3690.817
25.0	4020.057	3945.754	3831.737	3702.347	3653.666
25.5	3990.592	3915.008	3798.429	3665.195	3613.952
26.0	3962.408	3885.543	3762.558	3628.044	3575.519
26.5	3934.224	3854.797	3729.250	3590.892	3535.805

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CANDELA TABULATION - (Cont.)

27.0	3903.478	3824.051	3693.379	3552.460	3497.373
27.5	3871.451	3792.023	3658.790	3514.027	3458.940
28.0	3841.986	3761.277	3622.920	3474.313	3417.945
28.5	3811.240	3729.250	3588.330	3435.881	3378.232
29.0	3780.493	3697.223	3552.460	3396.167	3339.799
29.5	3744.623	3663.914	3515.308	3356.453	3298.804
30.0	3710.034	3629.325	3478.156	3316.739	3259.090
30.5	3678.006	3596.017	3442.286	3278.307	3218.095
31.0	3644.698	3562.708	3405.134	3238.593	3177.101
31.5	3612.671	3528.119	3367.983	3197.598	3136.106
32.0	3576.800	3493.530	3329.550	3157.884	3096.392
32.5	3543.492	3457.659	3292.399	3116.889	3054.116
33.0	3508.903	3423.070	3252.685	3077.176	3014.402
33.5	3474.313	3387.199	3216.814	3036.181	2970.845
34.0	3441.005	3351.329	3177.101	2996.467	2931.132
34.5	3406.416	3316.739	3138.668	2956.753	2891.418
35.0	3371.826	3279.588	3098.954	2915.758	2850.423
35.5	3335.956	3242.436	3060.521	2877.326	2808.147
36.0	3302.647	3206.566	3022.089	2836.331	2769.714
36.5	3266.777	3169.414	2982.375	2796.617	2728.719
37.0	3229.625	3132.262	2945.223	2756.903	2690.287
37.5	3193.755	3095.111	2906.791	2715.909	2649.292
38.0	3157.884	3056.678	2867.077	2676.195	2608.297
38.5	3120.733	3020.808	2828.644	2636.481	2568.583
39.0	3082.300	2982.375	2790.212	2596.767	2528.870
39.5	3046.430	2945.223	2750.498	2557.054	2489.156
40.0	3009.278	2906.791	2712.065	2519.902	2450.723
40.5	2969.564	2869.639	2672.352	2480.188	2409.728
41.0	2932.413	2831.207	2633.919	2440.474	2367.452
41.5	2895.261	2794.055	2595.486	2400.761	2327.739
42.0	2855.547	2755.622	2557.054	2359.766	2286.744
42.5	2814.552	2715.909	2518.621	2321.333	2247.030
43.0	2776.120	2677.476	2480.188	2279.057	2207.316
43.5	2738.968	2640.324	2441.756	2239.343	2170.165
44.0	2697.973	2601.892	2403.323	2202.192	2131.732
44.5	2659.541	2563.459	2361.047	2163.759	2093.299
45.0	2619.827	2526.307	2322.614	2126.608	2056.148
45.5	2580.113	2486.594	2282.901	2089.456	2017.715
46.0	2541.680	2449.442	2245.749	2052.304	1980.564
46.5	2503.248	2411.009	2208.597	2016.434	1944.693
47.0	2463.534	2372.577	2171.446	1979.282	1907.541
47.5	2423.820	2331.582	2135.575	1943.412	1871.671
48.0	2385.388	2291.868	2099.705	1907.541	1834.519
48.5	2345.674	2254.717	2062.553	1871.671	1798.649
49.0	2303.398	2216.284	2026.683	1835.800	1764.059
49.5	2266.246	2180.413	1992.093	1799.930	1729.470
50.0	2227.814	2143.262	1956.223	1765.341	1694.881
50.5	2191.943	2106.110	1920.352	1730.751	1660.291
51.0	2153.511	2070.240	1884.482	1694.881	1625.702
51.5	2116.359	2033.088	1849.892	1661.572	1592.394
52.0	2080.488	1995.937	1814.022	1626.983	1559.085
52.5	2043.337	1960.066	1779.433	1593.675	1527.058
53.0	2006.185	1924.196	1744.843	1560.366	1495.031
53.5	1969.034	1888.325	1711.535	1527.058	1461.722
54.0	1933.163	1852.455	1675.664	1495.031	1429.695
54.5	1896.012	1817.865	1642.356	1461.722	1397.668

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CANDELA TABULATION - (Cont.)

55.0	1860.141	1781.995	1607.767	1430.976	1365.641
55.5	1822.990	1747.405	1574.458	1397.668	1334.895
56.0	1785.838	1711.535	1541.150	1366.922	1304.149
56.5	1749.968	1676.945	1507.842	1336.176	1275.324
57.0	1712.816	1642.356	1473.252	1305.430	1244.962
57.5	1676.945	1609.048	1441.225	1274.684	1215.369
58.0	1641.075	1574.458	1407.917	1244.450	1186.288
58.5	1605.204	1539.869	1374.608	1214.600	1157.208
59.0	1569.334	1506.561	1342.581	1185.263	1128.383
59.5	1533.463	1473.252	1310.554	1155.927	1100.327
60.0	1498.874	1439.944	1278.271	1126.462	1072.400
60.5	1464.285	1406.636	1247.012	1097.765	1044.472
61.0	1429.695	1374.608	1215.113	1069.325	1017.057
61.5	1396.387	1341.300	1184.111	1040.629	990.026
62.0	1361.798	1307.992	1152.852	1013.213	963.891
62.5	1328.489	1276.349	1122.618	985.670	937.245
63.0	1295.181	1244.706	1092.513	958.255	911.110
63.5	1262.513	1213.063	1062.407	930.583	884.720
64.0	1230.742	1181.676	1033.070	903.936	859.354
64.5	1197.946	1150.290	1003.477	877.418	834.117
65.0	1166.175	1119.544	974.396	850.899	809.520
65.5	1134.660	1088.413	945.059	824.893	784.411
66.0	1103.274	1057.539	916.747	799.528	759.814
66.5	1072.143	1027.049	888.307	773.778	734.961
67.0	1040.629	996.815	860.251	748.284	711.132
67.5	1009.114	966.582	832.580	723.687	687.304
68.0	978.880	936.860	804.652	698.962	663.220
68.5	948.006	907.395	777.365	674.621	640.032
69.0	917.388	877.930	750.334	650.409	616.972
69.5	887.667	848.593	723.943	626.452	594.553
70.0	857.561	819.384	697.040	603.009	571.878
70.5	827.840	790.688	670.650	579.693	549.971
71.0	798.118	762.248	645.028	557.017	527.809
71.5	769.038	733.552	619.407	534.470	506.414
72.0	740.085	705.624	594.041	512.051	485.020
72.5	711.261	677.952	568.803	490.145	464.267
73.0	683.205	650.665	544.078	468.110	443.897
73.5	655.149	622.994	519.738	447.100	423.528
74.0	627.605	595.834	495.653	425.962	403.287
74.5	600.318	569.188	471.825	405.465	384.070
75.0	573.415	542.925	448.125	384.839	364.982
75.5	547.025	517.176	425.193	365.238	346.022
76.0	521.275	491.682	402.774	345.638	327.703
76.5	495.397	466.188	380.355	326.806	309.767
77.0	470.928	441.335	358.833	307.974	291.960
77.5	446.075	416.866	337.439	289.782	274.537
78.0	421.350	392.782	316.301	271.975	258.011
78.5	396.881	368.954	296.060	254.680	241.229
79.0	373.566	346.022	276.203	237.642	225.087
79.5	350.634	322.706	256.858	220.604	209.330
80.0	327.831	300.415	237.642	204.590	194.085
80.5	305.155	278.253	218.938	188.704	178.968
81.0	283.249	256.730	201.003	173.588	164.620
81.5	261.598	235.848	183.452	158.599	150.400
82.0	240.717	214.711	166.798	143.994	136.308
82.5	220.347	194.726	150.400	129.774	122.856

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CANDELA TABULATION - (Cont.)

83.0	200.234	174.997	134.514	115.939	109.149
83.5	180.377	156.165	119.526	102.359	96.082
84.0	161.417	137.717	104.921	89.036	83.399
84.5	142.713	120.294	90.957	76.353	71.229
85.0	125.034	103.512	77.506	64.439	59.314
85.5	107.868	87.370	64.695	52.268	46.504
86.0	91.726	71.997	53.165	39.714	32.412
86.5	75.712	58.161	42.020	25.109	19.985
87.0	60.980	45.094	29.977	15.886	14.220
87.5	47.272	33.565	17.295	12.170	11.145
88.0	34.589	22.931	10.889	9.352	8.711
88.5	23.828	12.811	8.071	6.790	6.021
89.0	14.989	6.405	5.381	4.356	3.843
89.5	7.430	3.459	2.947	2.178	1.922
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-L19-950-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-L19-950-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-L19-950-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1675.51	N.A.	16.50
0-30	3434.49	N.A.	33.70
0-40	5372.13	N.A.	52.80
0-60	8609.07	N.A.	84.50
0-80	10077.92	N.A.	99.00
0-90	10183.38	N.A.	100.00
10-90	9740.39	N.A.	95.60
20-40	3696.62	N.A.	36.30
20-50	5493.46	N.A.	53.90
40-70	4212.98	N.A.	41.40
60-80	1468.85	N.A.	14.40
70-80	492.81	N.A.	4.80
80-90	105.46	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	10183.38	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	442.99
10-20	1232.51
20-30	1758.99
30-40	1937.64
40-50	1796.83
50-60	1440.1
60-70	976.04
70-80	492.81
80-90	105.46
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-L19-950-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-L19-950-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	21.2	22.8	21.6	23.1	23.4	19.5	21.0	19.9	21.3	21.7
	3H	22.8	24.2	23.2	24.5	24.9	20.8	22.2	21.2	22.5	22.9
	4H	23.4	24.7	23.8	25.0	25.4	21.3	22.5	21.7	22.9	23.3
	6H	23.7	24.9	24.1	25.3	25.7	21.5	22.7	21.9	23.1	23.5
	8H	23.8	25.0	24.3	25.4	25.8	21.6	22.7	22.0	23.1	23.5
	12H	23.9	25.0	24.3	25.4	25.8	21.6	22.7	22.0	23.1	23.5

UGR Viewed Endwise

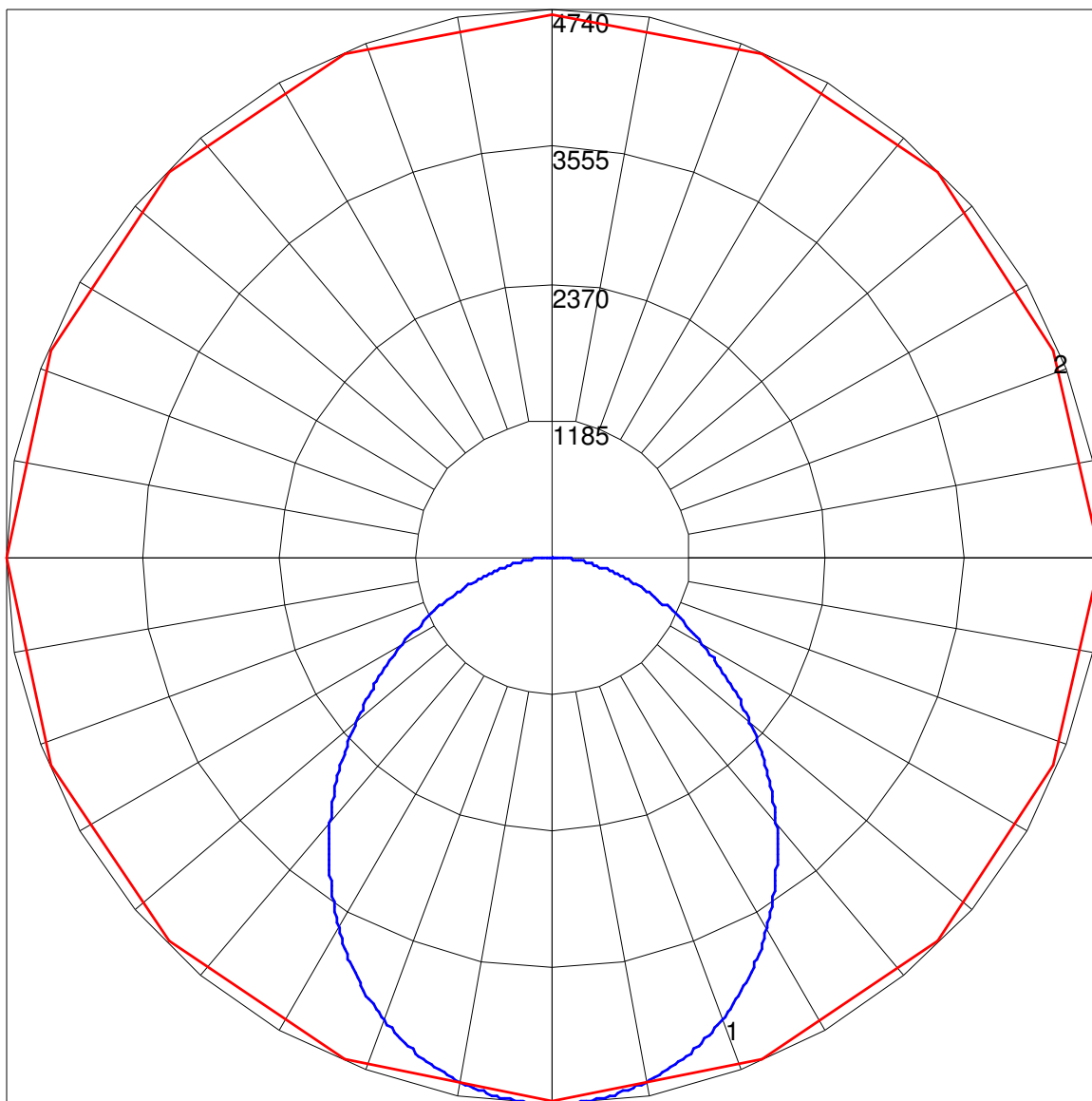
4H	2H	21.6	22.9	22.0	23.2	23.6	20.2	21.5	20.6	21.8	22.2
	3H	23.4	24.5	23.8	24.9	25.3	21.7	22.8	22.1	23.2	23.6
	4H	24.1	25.0	24.5	25.5	25.9	22.2	23.2	22.6	23.6	24.0
	6H	24.6	25.4	25.0	25.9	26.3	22.6	23.4	23.0	23.9	24.3
	8H	24.7	25.5	25.2	26.0	26.4	22.6	23.4	23.1	23.9	24.3
	12H	24.8	25.5	25.3	26.0	26.5	22.7	23.4	23.2	23.9	24.3

8H	4H	24.2	25.0	24.7	25.4	25.9	22.5	23.3	23.0	23.8	24.2
	6H	24.8	25.4	25.3	25.9	26.4	22.9	23.6	23.4	24.1	24.6
	8H	25.0	25.6	25.5	26.1	26.6	23.1	23.7	23.6	24.2	24.7
	12H	25.1	25.6	25.6	26.1	26.7	23.1	23.7	23.6	24.1	24.7

12H	4H	24.2	24.9	24.7	25.4	25.8	22.6	23.3	23.0	23.7	24.2
	6H	24.8	25.4	25.3	25.8	26.4	23.0	23.6	23.5	24.1	24.6
	8H	25.0	25.5	25.5	26.0	26.6	23.2	23.7	23.7	24.2	24.7

Maximum UGR = 26.7

POLAR GRAPH



Maximum Candela = 4740.029 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.)