

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-6-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-6-L19-940-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	9840
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	99
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	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	4557.974	4557.974	4557.974	4557.974	4557.974
0.5	4580.256	4548.071	4559.212	4555.498	4553.022
1.0	4579.018	4546.833	4557.974	4554.260	4551.784
1.5	4577.780	4544.357	4556.736	4551.784	4549.308
2.0	4575.304	4543.119	4553.022	4546.833	4548.071
2.5	4574.067	4540.643	4550.546	4544.357	4543.119
3.0	4570.353	4536.929	4546.833	4538.167	4536.929
3.5	4567.877	4533.216	4541.881	4533.216	4530.740
4.0	4561.687	4528.264	4536.929	4527.026	4523.312
4.5	4559.212	4523.312	4530.740	4519.599	4514.647
5.0	4553.022	4518.361	4523.312	4512.171	4507.220
5.5	4550.546	4510.933	4515.885	4502.268	4496.078
6.0	4539.405	4504.744	4507.220	4492.365	4486.175
6.5	4533.216	4498.554	4497.316	4481.224	4473.796
7.0	4525.788	4489.889	4488.651	4470.082	4462.655
7.5	4518.361	4481.224	4477.510	4457.703	4449.038
8.0	4509.695	4471.320	4467.607	4444.086	4434.183
8.5	4501.030	4462.655	4456.465	4429.231	4419.328
9.0	4491.127	4452.752	4442.848	4414.377	4404.473
9.5	4479.986	4440.373	4430.469	4398.284	4387.143
10.0	4471.320	4429.231	4415.614	4383.429	4371.050
10.5	4457.703	4416.852	4401.997	4367.336	4353.719
11.0	4445.324	4404.473	4385.905	4348.767	4336.388
11.5	4432.945	4390.856	4369.812	4330.199	4315.344
12.0	4419.328	4377.239	4353.719	4310.392	4295.537
12.5	4403.235	4361.147	4336.388	4290.586	4273.255
13.0	4389.618	4346.292	4317.820	4269.541	4252.211
13.5	4376.001	4330.199	4299.251	4248.497	4231.166
14.0	4358.671	4314.106	4280.683	4224.977	4206.408
14.5	4343.816	4295.537	4259.638	4202.694	4182.888
15.0	4326.485	4278.207	4238.594	4179.174	4158.130
15.5	4309.154	4259.638	4217.549	4154.416	4133.372
16.0	4290.586	4241.070	4195.267	4129.658	4106.138
16.5	4273.255	4222.501	4172.985	4103.662	4080.142
17.0	4253.449	4201.457	4149.464	4077.666	4051.670
17.5	4234.880	4180.412	4127.182	4050.432	4023.198
18.0	4213.836	4160.606	4102.424	4023.198	3994.726
18.5	4195.267	4138.323	4077.666	3994.726	3963.778
19.0	4172.985	4116.041	4051.670	3965.016	3932.831
19.5	4151.940	4093.759	4025.674	3936.544	3901.883
20.0	4129.658	4070.238	3998.440	3906.835	3870.935
20.5	4107.376	4046.718	3971.206	3875.887	3838.750
21.0	4083.855	4023.198	3943.972	3844.939	3805.326
21.5	4061.573	3997.202	3915.500	3812.754	3773.141
22.0	4036.815	3972.444	3885.790	3780.568	3740.955
22.5	4012.057	3946.448	3856.080	3748.383	3706.294
23.0	3988.537	3921.690	3827.609	3713.721	3671.632
23.5	3963.778	3894.456	3796.661	3680.298	3636.971
24.0	3937.782	3867.222	3765.713	3646.874	3601.072
24.5	3911.786	3839.988	3733.528	3612.213	3566.410
25.0	3884.552	3812.754	3702.580	3577.551	3530.511
25.5	3856.080	3783.044	3670.394	3541.652	3492.136
26.0	3828.847	3754.572	3635.733	3505.753	3454.999
26.5	3801.613	3724.862	3603.547	3469.853	3416.623

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CANDELA TABULATION - (Cont.)

27.0	3771.903	3695.153	3568.886	3432.716	3379.486
27.5	3740.955	3664.205	3535.463	3395.579	3342.349
28.0	3712.483	3634.495	3500.801	3357.204	3302.736
28.5	3682.773	3603.547	3467.378	3320.067	3264.361
29.0	3653.064	3572.600	3432.716	3281.692	3227.224
29.5	3618.402	3540.414	3396.817	3243.316	3187.611
30.0	3584.979	3506.991	3360.918	3204.941	3149.236
30.5	3554.031	3474.805	3326.256	3167.804	3109.623
31.0	3521.846	3442.620	3290.357	3129.429	3070.009
31.5	3490.898	3409.196	3254.458	3089.816	3030.396
32.0	3456.236	3375.773	3217.320	3051.441	2992.021
32.5	3424.051	3341.111	3181.421	3011.828	2951.170
33.0	3390.627	3307.688	3143.046	2973.453	2912.795
33.5	3357.204	3273.026	3108.385	2933.840	2870.706
34.0	3325.018	3238.365	3070.009	2895.465	2832.331
34.5	3291.595	3204.941	3032.872	2857.089	2793.956
35.0	3258.171	3169.042	2994.497	2817.476	2754.343
35.5	3223.510	3133.143	2957.360	2780.339	2713.492
36.0	3191.324	3098.481	2920.223	2740.726	2676.355
36.5	3156.663	3062.582	2881.848	2702.351	2636.742
37.0	3120.764	3026.683	2845.948	2663.976	2599.605
37.5	3086.102	2990.783	2808.811	2624.363	2559.992
38.0	3051.441	2953.646	2770.436	2585.988	2520.379
38.5	3015.542	2918.985	2733.299	2547.613	2482.004
39.0	2978.404	2881.848	2696.162	2509.238	2443.629
39.5	2943.743	2845.948	2657.786	2470.862	2405.253
40.0	2907.844	2808.811	2620.649	2434.963	2368.116
40.5	2869.469	2772.912	2582.274	2396.588	2328.503
41.0	2833.569	2735.775	2545.137	2358.213	2287.652
41.5	2797.670	2699.875	2508.000	2319.838	2249.277
42.0	2759.295	2662.738	2470.862	2280.225	2209.664
42.5	2719.682	2624.363	2433.725	2243.088	2171.289
43.0	2682.545	2587.226	2396.588	2202.237	2132.914
43.5	2646.645	2551.326	2359.451	2163.862	2097.015
44.0	2607.032	2514.189	2322.314	2127.962	2059.877
44.5	2569.895	2477.052	2281.463	2090.825	2022.740
45.0	2531.520	2441.153	2244.325	2054.926	1986.841
45.5	2493.145	2402.778	2205.950	2019.026	1949.704
46.0	2456.008	2366.878	2170.051	1983.127	1913.804
46.5	2418.870	2329.741	2134.152	1948.466	1879.143
47.0	2380.495	2292.604	2098.252	1912.566	1843.244
47.5	2342.120	2252.991	2063.591	1877.905	1808.582
48.0	2304.983	2214.616	2028.930	1843.244	1772.683
48.5	2266.608	2178.716	1993.030	1808.582	1738.022
49.0	2225.757	2141.579	1958.369	1773.921	1704.598
49.5	2189.858	2106.918	1924.945	1739.259	1671.175
50.0	2152.720	2071.018	1890.284	1705.836	1637.751
50.5	2118.059	2035.119	1855.623	1672.412	1604.328
51.0	2080.922	2000.458	1820.961	1637.751	1570.904
51.5	2045.022	1964.558	1787.538	1605.565	1538.718
52.0	2010.361	1928.659	1752.876	1572.142	1506.533
52.5	1974.462	1893.998	1719.453	1539.956	1475.585
53.0	1938.562	1859.336	1686.029	1507.771	1444.638
53.5	1902.663	1824.675	1653.844	1475.585	1412.452
54.0	1868.002	1790.014	1619.182	1444.638	1381.504
54.5	1832.102	1756.590	1586.997	1412.452	1350.557

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55.0	1797.441	1721.929	1553.573	1382.742	1319.609
55.5	1761.542	1688.505	1521.388	1350.557	1289.899
56.0	1725.642	1653.844	1489.202	1320.847	1260.189
56.5	1690.981	1620.420	1457.017	1291.137	1232.336
57.0	1655.082	1586.997	1423.593	1261.427	1202.998
57.5	1620.420	1554.811	1392.645	1231.718	1174.402
58.0	1585.759	1521.388	1360.460	1202.503	1146.302
58.5	1551.098	1487.964	1328.274	1173.660	1118.201
59.0	1516.436	1455.779	1297.327	1145.312	1090.349
59.5	1481.775	1423.593	1266.379	1116.964	1063.238
60.0	1448.351	1391.408	1235.184	1088.492	1036.252
60.5	1414.928	1359.222	1204.979	1060.763	1009.266
61.0	1381.504	1328.274	1174.155	1033.281	982.774
61.5	1349.319	1296.089	1144.197	1005.552	956.655
62.0	1315.895	1263.903	1113.993	979.061	931.401
62.5	1283.710	1233.327	1084.778	952.446	905.653
63.0	1251.524	1202.750	1055.687	925.954	880.399
63.5	1219.957	1172.174	1026.596	899.216	854.899
64.0	1189.257	1141.845	998.248	873.467	830.388
64.5	1157.567	1111.517	969.653	847.843	806.001
65.0	1126.867	1081.807	941.552	822.218	782.233
65.5	1096.414	1051.726	913.204	797.088	757.970
66.0	1066.086	1021.892	885.846	772.578	734.203
66.5	1036.004	992.430	858.365	747.696	710.187
67.0	1005.552	963.215	831.255	723.062	687.162
67.5	975.099	934.001	804.516	699.294	664.137
68.0	945.885	905.281	777.529	675.402	640.864
68.5	916.051	876.810	751.162	651.882	618.458
69.0	886.465	848.338	725.042	628.485	596.176
69.5	857.746	819.990	699.541	605.337	574.513
70.0	828.655	791.765	673.545	582.683	552.602
70.5	799.936	764.036	648.044	560.153	531.433
71.0	771.216	736.555	623.286	538.242	510.018
71.5	743.116	708.826	598.528	516.455	489.345
72.0	715.139	681.839	574.018	494.791	468.672
72.5	687.286	655.100	549.631	473.623	448.618
73.0	660.176	628.733	525.739	452.331	428.935
73.5	633.066	601.994	502.219	432.030	409.252
74.0	606.451	575.751	478.946	411.604	389.693
74.5	580.083	550.002	455.921	391.798	371.125
75.0	554.087	524.625	433.020	371.867	352.680
75.5	528.586	499.743	410.861	352.927	334.359
76.0	503.704	475.109	389.198	333.987	316.657
76.5	478.699	450.474	367.535	315.790	299.326
77.0	455.055	426.459	346.738	297.593	282.119
77.5	431.039	402.815	326.065	280.015	265.283
78.0	407.148	379.542	305.639	262.808	249.314
78.5	383.504	356.517	286.080	246.096	233.098
79.0	360.974	334.359	266.893	229.632	217.500
79.5	338.815	311.829	248.200	213.168	202.274
80.0	316.780	290.289	229.632	197.694	187.543
80.5	294.869	268.873	211.558	182.344	172.936
81.0	273.701	248.077	194.228	167.736	159.071
81.5	252.781	227.899	177.268	153.253	145.330
82.0	232.603	207.473	161.175	139.141	131.713
82.5	212.920	188.162	145.330	125.400	118.715

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CANDELA TABULATION - (Cont.)

83.0	193.485	169.098	129.980	112.031	105.470
83.5	174.297	150.901	115.497	98.909	92.843
84.0	155.976	133.075	101.385	86.035	80.588
84.5	137.903	116.239	87.891	73.779	68.828
85.0	120.820	100.023	74.893	62.267	57.315
85.5	104.232	84.425	62.514	50.507	44.936
86.0	88.634	69.570	51.373	38.375	31.319
86.5	73.160	56.201	40.603	24.263	19.311
87.0	58.924	43.574	28.967	15.350	13.741
87.5	45.679	32.433	16.712	11.760	10.770
88.0	33.423	22.159	10.522	9.037	8.418
88.5	23.025	12.379	7.799	6.561	5.818
89.0	14.484	6.190	5.199	4.209	3.714
89.5	7.180	3.342	2.847	2.104	1.857
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-L19-940-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-6-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-6-L19-940-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1619.03	N.A.	16.50
0-30	3318.73	N.A.	33.70
0-40	5191.05	N.A.	52.80
0-60	8318.88	N.A.	84.50
0-80	9738.22	N.A.	99.00
0-90	9840.13	N.A.	100.00
10-90	9412.07	N.A.	95.60
20-40	3572.02	N.A.	36.30
20-50	5308.29	N.A.	53.90
40-70	4070.97	N.A.	41.40
60-80	1419.34	N.A.	14.40
70-80	476.20	N.A.	4.80
80-90	101.91	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	9840.13	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	428.06
10-20	1190.97
20-30	1699.7
30-40	1872.33
40-50	1736.27
50-60	1391.56
60-70	943.14
70-80	476.20
80-90	101.91
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-L19-940-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-6-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	22.4	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

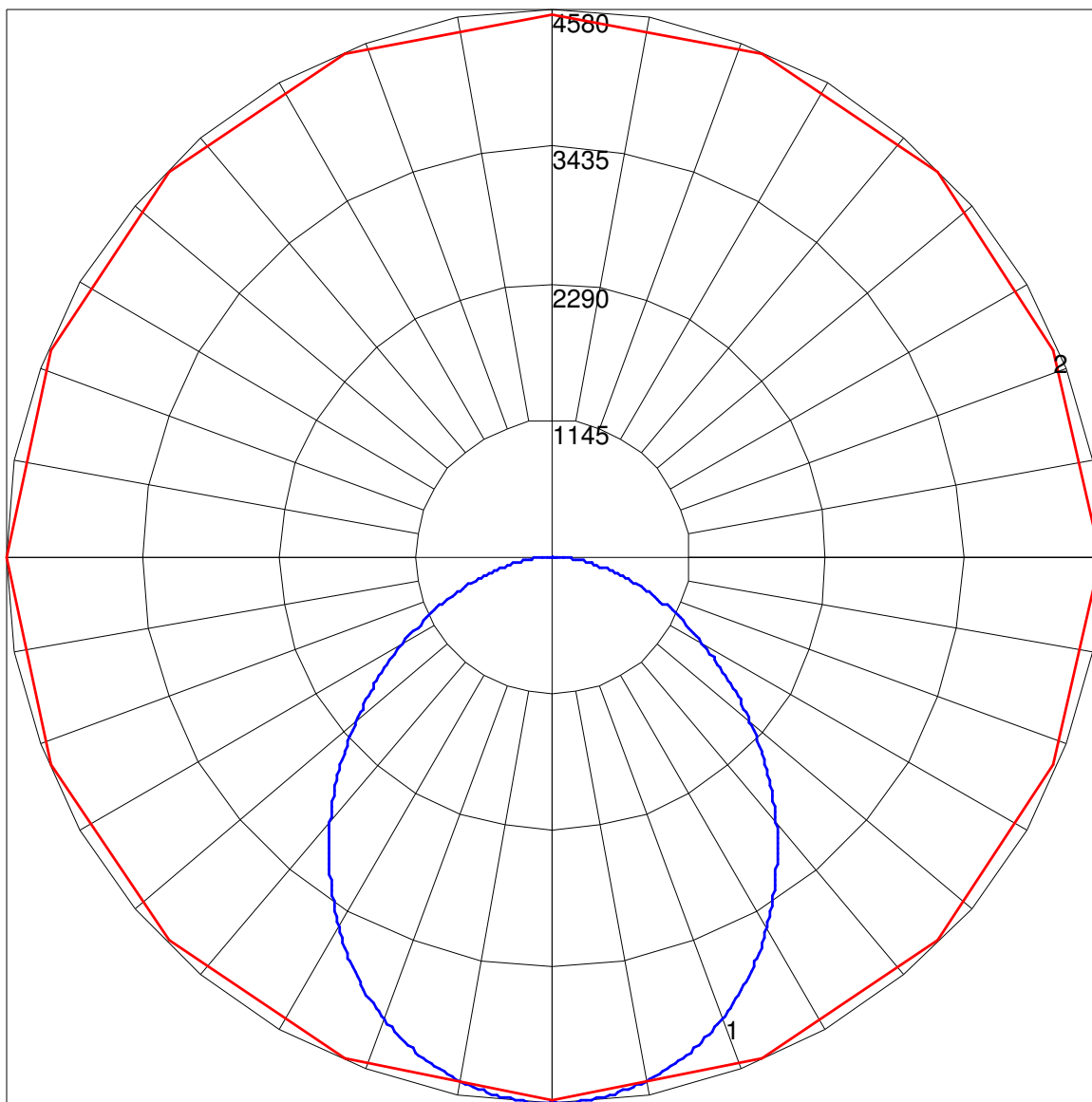
4H	2H	21.5	22.8	21.9	23.1	23.5	20.1	21.4	20.5	21.7	22.1
	3H	23.3	24.4	23.7	24.8	25.2	21.6	22.7	22.0	23.1	23.5
	4H	24.0	24.9	24.4	25.4	25.8	22.1	23.1	22.5	23.5	23.9
	6H	24.5	25.3	24.9	25.8	26.2	22.5	23.3	22.9	23.8	24.2
	8H	24.6	25.4	25.1	25.9	26.3	22.5	23.3	23.0	23.8	24.2
	12H	24.7	25.4	25.2	25.9	26.4	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 = 4580.256 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.)