

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-8-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-8-L19-840-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	15714
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	118
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	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	7278.622	7278.622	7278.622	7278.622	7278.622
0.5	7314.204	7262.807	7280.599	7274.668	7270.715
1.0	7312.228	7260.830	7278.622	7272.691	7268.738
1.5	7310.251	7256.877	7276.645	7268.738	7264.784
2.0	7306.297	7254.900	7270.715	7260.830	7262.807
2.5	7304.320	7250.946	7266.761	7256.877	7254.900
3.0	7298.390	7245.016	7260.830	7246.993	7245.016
3.5	7294.436	7239.086	7252.923	7239.086	7235.132
4.0	7284.552	7231.178	7245.016	7229.202	7223.271
4.5	7280.599	7223.271	7235.132	7217.341	7209.433
5.0	7270.715	7215.364	7223.271	7205.480	7197.573
5.5	7266.761	7203.503	7211.410	7189.665	7179.781
6.0	7248.970	7193.619	7197.573	7173.851	7163.967
6.5	7239.086	7183.735	7181.758	7156.059	7144.199
7.0	7227.225	7169.897	7167.920	7138.268	7126.407
7.5	7215.364	7156.059	7150.129	7118.500	7104.662
8.0	7201.526	7140.245	7134.315	7096.755	7080.941
8.5	7187.688	7126.407	7116.523	7073.033	7057.219
9.0	7171.874	7110.593	7094.778	7049.312	7033.497
9.5	7154.083	7090.825	7075.010	7023.613	7005.822
10.0	7140.245	7073.033	7051.288	6999.891	6980.123
10.5	7118.500	7053.265	7029.543	6974.193	6952.448
11.0	7098.732	7033.497	7003.845	6944.541	6924.772
11.5	7078.964	7011.752	6978.146	6914.888	6891.167
12.0	7057.219	6990.007	6952.448	6883.259	6859.538
12.5	7031.520	6964.309	6924.772	6851.630	6823.955
13.0	7009.775	6940.587	6895.120	6818.025	6790.349
13.5	6988.030	6914.888	6865.468	6784.419	6756.743
14.0	6960.355	6889.190	6835.816	6746.859	6717.207
14.5	6936.633	6859.538	6802.210	6711.277	6679.648
15.0	6908.958	6831.862	6768.604	6673.717	6640.112
15.5	6881.283	6802.210	6734.999	6634.181	6600.575
16.0	6851.630	6772.558	6699.416	6594.645	6557.085
16.5	6823.955	6742.906	6663.833	6553.132	6515.572
17.0	6792.326	6709.300	6626.274	6511.619	6470.106
17.5	6762.674	6675.694	6590.691	6468.129	6424.639
18.0	6729.068	6644.065	6551.155	6424.639	6379.172
18.5	6699.416	6608.483	6511.619	6379.172	6329.752
19.0	6663.833	6572.900	6470.106	6331.729	6280.332
19.5	6630.227	6537.317	6428.593	6286.262	6230.911
20.0	6594.645	6499.758	6385.103	6238.819	6181.491
20.5	6559.062	6462.198	6341.613	6189.398	6130.094
21.0	6521.503	6424.639	6298.123	6139.978	6076.720
21.5	6485.920	6383.126	6252.656	6088.581	6025.323
22.0	6446.384	6343.590	6205.213	6037.184	5973.926
22.5	6406.848	6302.077	6157.769	5985.787	5918.575
23.0	6369.288	6262.540	6112.303	5930.436	5863.224
23.5	6329.752	6219.051	6062.882	5877.062	5807.874
24.0	6288.239	6175.561	6013.462	5823.688	5750.546
24.5	6246.726	6132.071	5962.065	5768.337	5695.195
25.0	6203.236	6088.581	5912.645	5712.987	5637.868
25.5	6157.769	6041.137	5861.248	5655.659	5576.587
26.0	6114.280	5995.671	5805.897	5598.332	5517.282
26.5	6070.790	5948.227	5754.500	5541.004	5456.001

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CANDELA TABULATION - (Cont.)

27.0	6023.346	5900.784	5699.149	5481.700	5396.697
27.5	5973.926	5851.364	5645.775	5422.395	5337.392
28.0	5928.459	5803.920	5590.424	5361.114	5274.134
28.5	5881.016	5754.500	5537.050	5301.810	5212.853
29.0	5833.572	5705.079	5481.700	5240.529	5153.549
29.5	5778.221	5653.682	5424.372	5179.247	5090.291
30.0	5724.848	5600.308	5367.045	5117.966	5029.010
30.5	5675.427	5548.911	5311.694	5058.662	4965.752
31.0	5624.030	5497.514	5254.366	4997.381	4902.494
31.5	5574.610	5444.140	5197.039	4934.123	4839.236
32.0	5519.259	5390.766	5137.734	4872.842	4777.955
32.5	5467.862	5335.416	5080.407	4809.584	4712.720
33.0	5414.488	5282.042	5019.126	4748.302	4651.439
33.5	5361.114	5226.691	4963.775	4685.044	4584.227
34.0	5309.717	5171.340	4902.494	4623.763	4522.946
34.5	5256.343	5117.966	4843.189	4562.482	4461.665
35.0	5202.969	5060.639	4781.908	4499.224	4398.407
35.5	5147.618	5003.311	4722.604	4439.920	4333.172
36.0	5096.221	4947.960	4663.300	4376.662	4273.868
36.5	5040.871	4890.633	4602.018	4315.381	4210.610
37.0	4983.543	4833.305	4544.691	4254.099	4151.305
37.5	4928.192	4775.978	4485.386	4190.841	4088.047
38.0	4872.842	4716.673	4424.105	4129.560	4024.789
38.5	4815.514	4661.323	4364.801	4068.279	3963.508
39.0	4756.210	4602.018	4305.497	4006.998	3902.227
39.5	4700.859	4544.691	4244.215	3945.717	3840.946
40.0	4643.531	4485.386	4184.911	3888.389	3781.641
40.5	4582.250	4428.059	4123.630	3827.108	3718.383
41.0	4524.923	4368.755	4064.325	3765.827	3653.149
41.5	4467.595	4311.427	4005.021	3704.546	3591.867
42.0	4406.314	4252.123	3945.717	3641.288	3528.609
42.5	4343.056	4190.841	3886.412	3581.983	3467.328
43.0	4283.752	4131.537	3827.108	3516.749	3406.047
43.5	4226.424	4074.210	3767.804	3455.467	3348.720
44.0	4163.166	4014.905	3708.499	3398.140	3289.415
44.5	4103.862	3955.601	3643.265	3338.835	3230.111
45.0	4042.581	3898.273	3583.960	3281.508	3172.783
45.5	3981.299	3836.992	3522.679	3224.180	3113.479
46.0	3921.995	3779.665	3465.351	3166.853	3056.151
46.5	3862.691	3720.360	3408.024	3111.502	3000.801
47.0	3801.409	3661.056	3350.696	3054.175	2943.473
47.5	3740.128	3597.798	3295.346	2998.824	2888.122
48.0	3680.824	3536.517	3239.995	2943.473	2830.795
48.5	3619.543	3479.189	3182.667	2888.122	2775.444
49.0	3554.308	3419.885	3127.317	2832.772	2722.070
49.5	3496.980	3364.534	3073.943	2777.421	2668.696
50.0	3437.676	3307.206	3018.592	2724.047	2615.322
50.5	3382.325	3249.879	2963.241	2670.673	2561.948
51.0	3323.021	3194.528	2907.890	2615.322	2508.574
51.5	3265.693	3137.201	2854.517	2563.925	2457.177
52.0	3210.343	3079.873	2799.166	2510.551	2405.780
52.5	3153.015	3024.522	2745.792	2459.154	2356.360
53.0	3095.688	2969.172	2692.418	2407.757	2306.940
53.5	3038.360	2913.821	2641.021	2356.360	2255.542
54.0	2983.009	2858.470	2585.670	2306.940	2206.122
54.5	2925.682	2805.096	2534.273	2255.542	2156.702

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55.0	2870.331	2749.745	2480.899	2208.099	2107.282
55.5	2813.003	2696.372	2429.502	2156.702	2059.838
56.0	2755.676	2641.021	2378.105	2109.258	2012.395
56.5	2700.325	2587.647	2326.708	2061.815	1967.916
57.0	2642.998	2534.273	2273.334	2014.371	1921.066
57.5	2587.647	2482.876	2223.914	1966.928	1875.402
58.0	2532.296	2429.502	2172.516	1920.275	1830.528
58.5	2476.945	2376.128	2121.119	1874.215	1785.654
59.0	2421.595	2324.731	2071.699	1828.946	1741.176
59.5	2366.244	2273.334	2022.279	1783.677	1697.884
60.0	2312.870	2221.937	1972.463	1738.211	1654.789
60.5	2259.496	2170.540	1924.229	1693.930	1611.695
61.0	2206.122	2121.119	1875.006	1650.045	1569.391
61.5	2154.725	2069.722	1827.167	1605.764	1527.680
62.0	2101.351	2018.325	1778.933	1563.461	1487.353
62.5	2049.954	1969.498	1732.280	1520.959	1446.236
63.0	1998.557	1920.671	1685.825	1478.655	1405.909
63.5	1948.148	1871.843	1639.370	1435.956	1365.186
64.0	1899.123	1823.411	1594.101	1394.839	1326.045
64.5	1848.517	1774.979	1548.437	1353.919	1287.102
65.0	1799.492	1727.536	1503.563	1312.999	1249.148
65.5	1750.862	1679.499	1458.294	1272.869	1210.402
66.0	1702.430	1631.858	1414.607	1233.728	1172.447
66.5	1654.394	1584.810	1370.721	1193.994	1134.097
67.0	1605.764	1538.157	1327.429	1154.656	1097.328
67.5	1557.135	1491.505	1284.730	1116.701	1060.560
68.0	1510.482	1445.643	1241.636	1078.549	1023.396
68.5	1462.841	1400.176	1199.530	1040.989	987.615
69.0	1415.595	1354.709	1157.819	1003.627	952.033
69.5	1369.733	1309.440	1117.096	966.661	917.438
70.0	1323.278	1264.369	1075.583	930.485	882.449
70.5	1277.416	1220.088	1034.861	894.507	848.645
71.0	1231.554	1176.203	995.325	859.518	814.447
71.5	1186.680	1131.923	955.789	824.726	781.434
72.0	1142.004	1088.828	916.648	790.132	748.421
72.5	1097.526	1046.129	877.705	756.328	716.397
73.0	1054.234	1004.023	839.552	722.327	684.965
73.5	1010.942	961.324	801.993	689.907	653.534
74.0	968.440	919.415	764.829	657.290	622.300
74.5	926.334	878.298	728.060	625.661	592.648
75.0	884.821	837.773	691.489	593.834	563.194
75.5	844.099	798.039	656.104	563.589	533.937
76.0	804.365	758.700	621.510	533.344	505.669
76.5	764.433	719.362	586.915	504.285	477.993
77.0	726.676	681.012	553.705	475.226	450.515
77.5	688.326	643.255	520.692	447.155	423.631
78.0	650.173	606.091	488.075	419.677	398.130
78.5	612.416	569.322	456.841	392.990	372.234
79.0	576.438	533.937	426.201	366.699	347.326
79.5	541.053	497.959	396.351	340.407	323.011
80.0	505.866	463.562	366.699	315.697	299.487
80.5	470.877	429.364	337.837	291.184	276.161
81.0	437.073	396.153	310.162	267.858	254.020
81.5	403.665	363.931	283.079	244.729	232.078
82.0	371.443	331.314	257.381	222.194	210.333
82.5	340.012	300.475	232.078	200.251	189.576

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CANDELA TABULATION - (Cont.)

83.0	308.976	270.033	207.565	178.901	168.424
83.5	278.335	240.973	184.437	157.947	148.261
84.0	249.078	212.507	161.901	137.388	128.690
84.5	220.217	185.623	140.354	117.818	109.911
85.0	192.937	159.726	119.597	99.434	91.526
85.5	166.448	134.819	99.829	80.654	71.758
86.0	141.540	111.097	82.038	61.281	50.013
86.5	116.830	89.747	64.839	38.746	30.838
87.0	94.096	69.584	46.257	24.512	21.943
87.5	72.944	51.792	26.687	18.780	17.198
88.0	53.374	35.385	16.803	14.431	13.442
88.5	36.769	19.768	12.454	10.477	9.291
89.0	23.129	9.884	8.303	6.721	5.930
89.5	11.466	5.337	4.547	3.361	2.965
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-L19-840-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-8-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-8-L19-840-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2585.43	N.A.	16.50
0-30	5299.67	N.A.	33.70
0-40	8289.59	N.A.	52.80
0-60	13284.41	N.A.	84.50
0-80	15550.95	N.A.	99.00
0-90	15713.69	N.A.	100.00
10-90	15030.12	N.A.	95.60
20-40	5704.16	N.A.	36.30
20-50	8476.8	N.A.	53.90
40-70	6500.92	N.A.	41.40
60-80	2266.54	N.A.	14.40
70-80	760.44	N.A.	4.80
80-90	162.74	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	15713.69	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	683.57
10-20	1901.86
20-30	2714.24
30-40	2989.91
40-50	2772.64
50-60	2222.18
60-70	1506.1
70-80	760.44
80-90	162.74
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-L19-840-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	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-L19-840-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

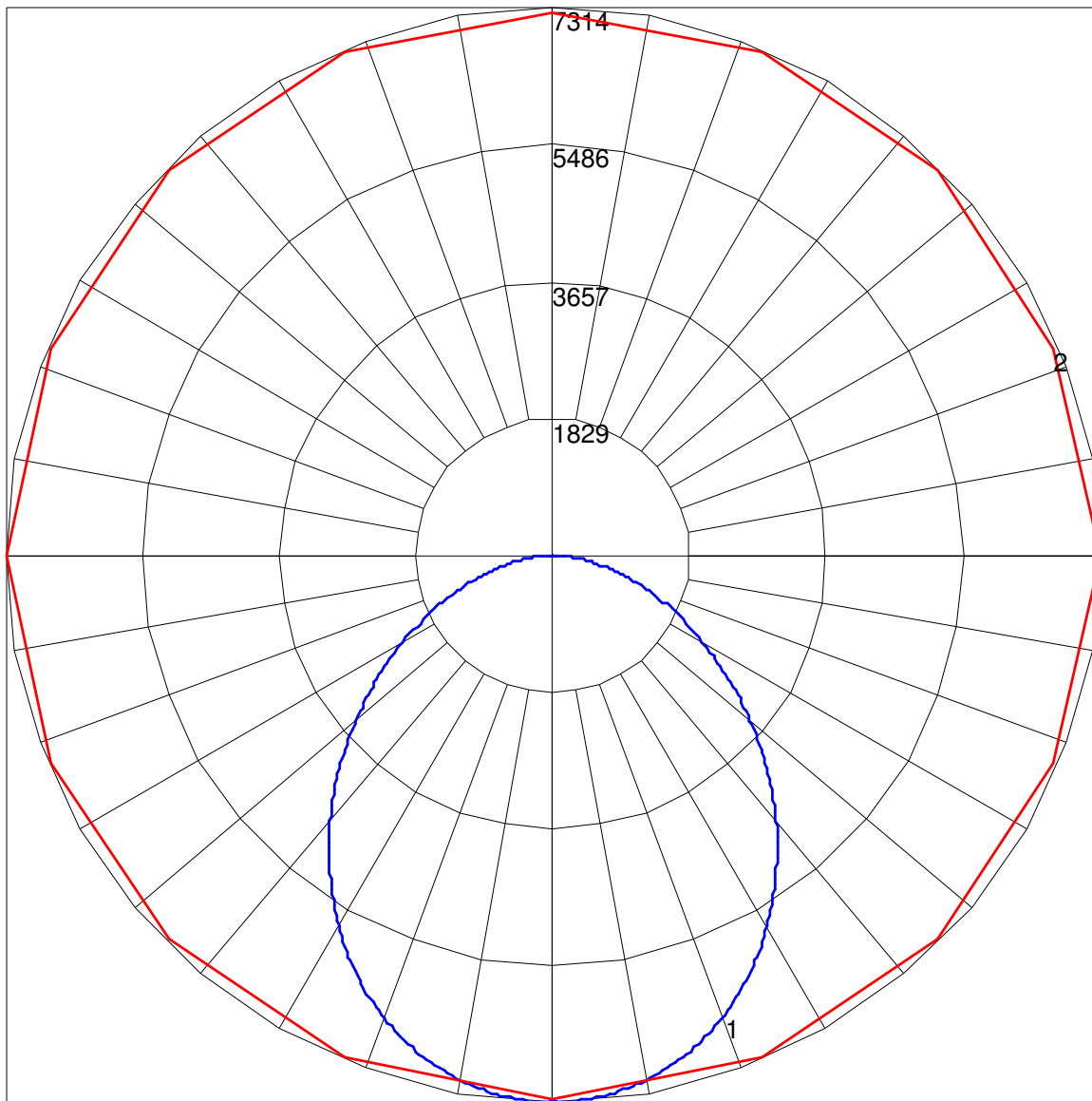
Reflectances

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	23.1	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 = 7314.204 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.)