

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-8-L19-930-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-L19-930-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	12510
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	94
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	15257	13526	11975
55	13355	11543	9805
65	11363	9495	7888
75	9124	7130	5807
85	5908	3662	2803

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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	5794.632	5794.632	5794.632	5794.632	5794.632
0.5	5822.960	5782.042	5796.206	5791.485	5788.337
1.0	5821.386	5780.468	5794.632	5789.911	5786.763
1.5	5819.813	5777.321	5793.059	5786.763	5783.616
2.0	5816.665	5775.747	5788.337	5780.468	5782.042
2.5	5815.091	5772.599	5785.190	5777.321	5775.747
3.0	5810.370	5767.878	5780.468	5769.452	5767.878
3.5	5807.222	5763.157	5774.173	5763.157	5760.009
4.0	5799.354	5756.862	5767.878	5755.288	5750.567
4.5	5796.206	5750.567	5760.009	5745.845	5739.550
5.0	5788.337	5744.272	5750.567	5736.403	5730.108
5.5	5785.190	5734.829	5741.124	5723.812	5715.944
6.0	5771.026	5726.960	5730.108	5711.222	5703.353
6.5	5763.157	5719.091	5717.517	5697.058	5687.616
7.0	5753.714	5708.075	5706.501	5682.894	5673.452
7.5	5744.272	5697.058	5692.337	5667.157	5656.140
8.0	5733.255	5684.468	5679.747	5649.845	5637.255
8.5	5722.239	5673.452	5665.583	5630.960	5618.370
9.0	5709.649	5660.862	5648.271	5612.075	5599.484
9.5	5695.485	5645.124	5632.534	5591.616	5577.452
10.0	5684.468	5630.960	5613.648	5572.730	5556.993
10.5	5667.157	5615.222	5596.337	5552.271	5534.960
11.0	5651.419	5599.484	5575.878	5528.665	5512.927
11.5	5635.681	5582.173	5555.419	5505.058	5486.173
12.0	5618.370	5564.861	5534.960	5479.878	5460.992
12.5	5597.911	5544.402	5512.927	5454.697	5432.664
13.0	5580.599	5525.517	5489.320	5427.943	5405.910
13.5	5563.288	5505.058	5465.714	5401.189	5379.156
14.0	5541.255	5484.599	5442.107	5371.287	5347.681
14.5	5522.370	5460.992	5415.353	5342.959	5317.779
15.0	5500.337	5438.960	5388.599	5313.058	5286.304
15.5	5478.304	5415.353	5361.845	5281.582	5254.828
16.0	5454.697	5391.746	5333.517	5250.107	5220.205
16.5	5432.664	5368.140	5305.189	5217.058	5187.156
17.0	5407.484	5341.386	5275.287	5184.008	5150.959
17.5	5383.878	5314.632	5246.959	5149.385	5114.762
18.0	5357.123	5289.451	5215.484	5114.762	5078.566
18.5	5333.517	5261.123	5184.008	5078.566	5039.221
19.0	5305.189	5232.795	5150.959	5040.795	4999.877
19.5	5278.435	5204.467	5117.910	5004.598	4960.533
20.0	5250.107	5174.566	5083.287	4966.828	4921.188
20.5	5221.779	5144.664	5048.664	4927.483	4880.270
21.0	5191.877	5114.762	5014.041	4888.139	4837.778
21.5	5163.549	5081.713	4977.844	4847.221	4796.860
22.0	5132.074	5050.238	4940.074	4806.303	4755.942
22.5	5100.598	5017.188	4902.303	4765.385	4711.876
23.0	5070.697	4985.713	4866.106	4721.319	4667.811
23.5	5039.221	4951.090	4826.762	4678.827	4623.745
24.0	5006.172	4916.467	4787.418	4636.335	4578.106
24.5	4973.123	4881.844	4746.499	4592.270	4534.040
25.0	4938.500	4847.221	4707.155	4548.204	4488.401
25.5	4902.303	4809.450	4666.237	4502.565	4439.614
26.0	4867.680	4773.254	4622.171	4456.925	4392.401
26.5	4833.057	4735.483	4581.253	4411.286	4343.614

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CANDELA TABULATION - (Cont.)

27.0	4795.286	4697.712	4537.188	4364.073	4296.400
27.5	4755.942	4658.368	4494.696	4316.859	4249.187
28.0	4719.745	4620.598	4450.630	4268.072	4198.826
28.5	4681.975	4581.253	4408.138	4220.859	4150.039
29.0	4644.204	4541.909	4364.073	4172.072	4102.826
29.5	4600.139	4500.991	4318.433	4123.285	4052.466
30.0	4557.647	4458.499	4272.794	4074.498	4003.679
30.5	4518.302	4417.581	4228.728	4027.285	3953.318
31.0	4477.384	4376.663	4183.089	3978.498	3902.957
31.5	4438.040	4334.171	4137.449	3928.137	3852.596
32.0	4393.974	4291.679	4090.236	3879.351	3803.809
32.5	4353.056	4247.613	4044.597	3828.990	3751.875
33.0	4310.564	4205.122	3995.810	3780.203	3703.088
33.5	4268.072	4161.056	3951.744	3729.842	3649.580
34.0	4227.154	4116.990	3902.957	3681.055	3600.793
34.5	4184.662	4074.498	3855.744	3632.268	3552.006
35.0	4142.171	4028.859	3806.957	3581.907	3501.645
35.5	4098.105	3983.220	3759.744	3534.694	3449.710
36.0	4057.187	3939.154	3712.531	3484.333	3402.497
36.5	4013.121	3893.514	3663.744	3435.547	3352.137
37.0	3967.482	3847.875	3618.104	3386.760	3304.923
37.5	3923.416	3802.236	3570.891	3336.399	3254.563
38.0	3879.351	3755.022	3522.104	3287.612	3204.202
38.5	3833.711	3710.957	3474.891	3238.825	3155.415
39.0	3786.498	3663.744	3427.678	3190.038	3106.628
39.5	3742.432	3618.104	3378.891	3141.251	3057.841
40.0	3696.793	3570.891	3331.677	3095.612	3010.628
40.5	3648.006	3525.252	3282.891	3046.825	2960.267
41.0	3602.366	3478.038	3235.677	2998.038	2908.333
41.5	3556.727	3432.399	3188.464	2949.251	2859.546
42.0	3507.940	3385.186	3141.251	2898.890	2809.185
42.5	3457.579	3336.399	3094.038	2851.677	2760.398
43.0	3410.366	3289.186	3046.825	2799.742	2711.611
43.5	3364.727	3243.546	2999.611	2750.955	2665.972
44.0	3314.366	3196.333	2952.398	2705.316	2618.758
44.5	3267.153	3149.120	2900.464	2658.103	2571.545
45.0	3218.366	3103.480	2853.250	2612.463	2525.906
45.5	3169.579	3054.693	2804.464	2566.824	2478.693
46.0	3122.366	3009.054	2758.824	2521.184	2433.053
46.5	3075.152	2961.841	2713.185	2477.119	2388.987
47.0	3026.366	2914.628	2667.545	2431.479	2343.348
47.5	2977.579	2864.267	2623.480	2387.414	2299.282
48.0	2930.365	2815.480	2579.414	2343.348	2253.643
48.5	2881.578	2769.841	2533.775	2299.282	2209.577
49.0	2829.644	2722.627	2489.709	2255.217	2167.085
49.5	2784.004	2678.562	2447.217	2211.151	2124.594
50.0	2736.791	2632.922	2403.151	2168.659	2082.102
50.5	2692.726	2587.283	2359.086	2126.167	2039.610
51.0	2645.512	2543.217	2315.020	2082.102	1997.118
51.5	2599.873	2497.578	2272.528	2041.184	1956.200
52.0	2555.807	2451.938	2228.463	1998.692	1915.282
52.5	2510.168	2407.873	2185.971	1957.774	1875.937
53.0	2464.529	2363.807	2143.479	1916.856	1836.593
53.5	2418.889	2319.741	2102.561	1875.937	1795.675
54.0	2374.823	2275.676	2058.495	1836.593	1756.331
54.5	2329.184	2233.184	2017.577	1795.675	1716.986

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CANDELA TABULATION - (Cont.)

55.0	2285.118	2189.118	1975.085	1757.904	1677.642
55.5	2239.479	2146.626	1934.167	1716.986	1639.871
56.0	2193.840	2102.561	1893.249	1679.216	1602.101
56.5	2149.774	2060.069	1852.331	1641.445	1566.691
57.0	2104.135	2017.577	1809.839	1603.675	1529.393
57.5	2060.069	1976.659	1770.495	1565.904	1493.038
58.0	2016.003	1934.167	1729.577	1528.763	1457.314
58.5	1971.938	1891.675	1688.658	1492.094	1421.589
59.0	1927.872	1850.757	1649.314	1456.055	1386.179
59.5	1883.806	1809.839	1609.970	1420.015	1351.714
60.0	1841.314	1768.921	1570.311	1383.819	1317.405
60.5	1798.823	1728.003	1531.911	1348.566	1283.097
61.0	1756.331	1688.658	1492.724	1313.628	1249.418
61.5	1715.413	1647.740	1454.638	1278.376	1216.212
62.0	1672.921	1606.822	1416.238	1244.697	1184.107
62.5	1632.003	1567.950	1379.097	1210.861	1151.372
63.0	1591.085	1529.078	1342.114	1177.182	1119.267
63.5	1550.953	1490.206	1305.130	1143.189	1086.848
64.0	1511.924	1451.648	1269.091	1110.454	1055.687
64.5	1471.635	1413.091	1232.736	1077.877	1024.684
65.0	1432.606	1375.320	1197.012	1045.300	994.467
65.5	1393.891	1337.078	1160.972	1013.352	963.621
66.0	1355.333	1299.150	1126.192	982.192	933.405
66.5	1317.091	1261.694	1091.254	950.559	902.874
67.0	1278.376	1224.553	1056.789	919.241	873.601
67.5	1239.661	1187.412	1022.795	889.024	844.329
68.0	1202.520	1150.900	988.487	858.651	814.742
68.5	1164.592	1114.703	954.965	828.749	786.257
69.0	1126.979	1078.507	921.759	799.005	757.929
69.5	1090.467	1042.467	889.339	769.575	730.388
70.0	1053.484	1006.585	856.290	740.775	702.532
70.5	1016.972	971.333	823.870	712.132	675.621
71.0	980.461	936.395	792.395	684.277	648.394
71.5	944.736	901.142	760.919	656.578	622.112
72.0	909.169	866.834	729.759	629.037	595.830
72.5	873.759	832.841	698.755	602.126	570.335
73.0	839.293	799.319	668.381	575.057	545.312
73.5	804.828	765.326	638.480	549.247	520.289
74.0	770.991	731.962	608.893	523.280	495.424
74.5	737.470	699.227	579.621	498.099	471.817
75.0	704.421	666.965	550.506	472.761	448.368
75.5	672.001	635.332	522.335	448.683	425.076
76.0	640.368	604.014	494.794	424.604	402.571
76.5	608.578	572.696	467.253	401.469	380.538
77.0	578.519	542.165	440.814	378.335	358.663
77.5	547.988	512.106	414.532	355.987	337.260
78.0	517.614	482.519	388.565	334.112	316.958
78.5	487.555	453.247	363.699	312.866	296.341
79.0	458.912	425.076	339.305	291.935	276.512
79.5	430.742	396.433	315.541	271.004	257.155
80.0	402.729	369.050	291.935	251.332	238.427
80.5	374.873	341.824	268.958	231.817	219.856
81.0	347.961	315.384	246.925	213.246	202.230
81.5	321.364	289.732	225.364	194.833	184.761
82.0	295.712	263.764	204.905	176.892	167.449
82.5	270.689	239.214	184.761	159.423	150.925

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CANDELA TABULATION - (Cont.)

83.0	245.981	214.977	165.246	142.426	134.085
83.5	221.587	191.843	146.833	125.744	118.033
84.0	198.295	169.181	128.892	109.377	102.453
84.5	175.318	147.777	111.738	93.797	87.502
85.0	153.600	127.161	95.213	79.161	72.866
85.5	132.512	107.331	79.476	64.210	57.128
86.0	112.682	88.446	65.312	48.787	39.816
86.5	93.010	71.449	51.620	30.846	24.551
87.0	74.912	55.397	36.826	19.515	17.469
87.5	58.072	41.233	21.246	14.951	13.692
88.0	42.492	28.171	13.377	11.489	10.702
88.5	29.272	15.738	9.915	8.341	7.397
89.0	18.413	7.869	6.610	5.351	4.721
89.5	9.128	4.249	3.620	2.675	2.361
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-L19-930-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-L19-930-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-L19-930-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2058.3	N.A.	16.50
0-30	4219.16	N.A.	33.70
0-40	6599.48	N.A.	52.80
0-60	10575.94	N.A.	84.50
0-80	12380.37	N.A.	99.00
0-90	12509.93	N.A.	100.00
10-90	11965.73	N.A.	95.60
20-40	4541.17	N.A.	36.30
20-50	6748.52	N.A.	53.90
40-70	5175.49	N.A.	41.40
60-80	1804.43	N.A.	14.40
70-80	605.40	N.A.	4.80
80-90	129.56	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	12509.93	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	544.20
10-20	1514.1
20-30	2160.85
30-40	2380.32
40-50	2207.35
50-60	1769.12
60-70	1199.03
70-80	605.40
80-90	129.56
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-L19-930-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-L19-930-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

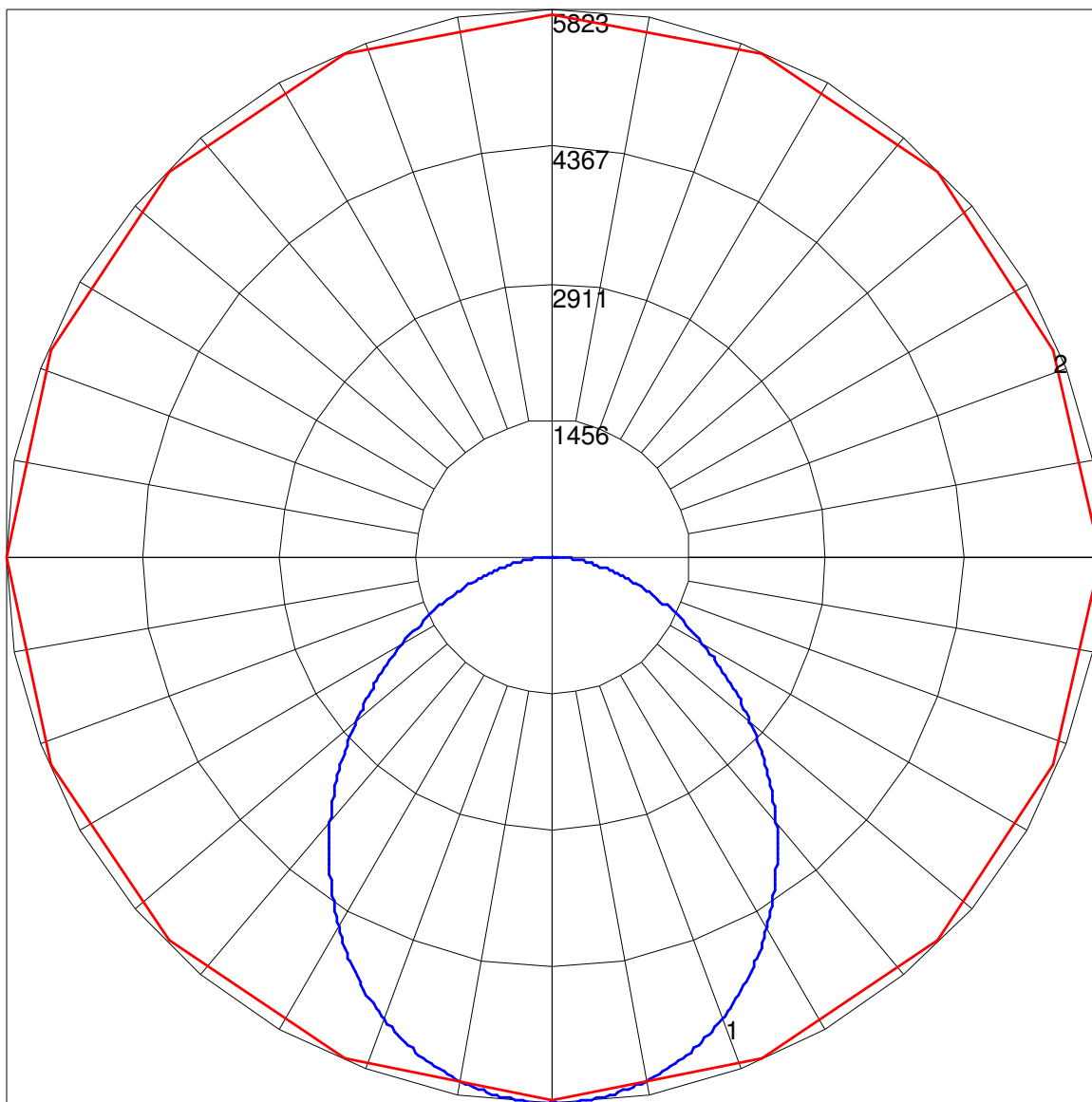
Reflectances

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	20.9	22.5	21.3	22.8	23.1	19.2	20.7	19.6	21.0	21.4
	3H	22.5	23.9	22.9	24.2	24.6	20.5	21.9	20.9	22.2	22.6
	4H	23.1	24.4	23.5	24.7	25.1	21.0	22.3	21.4	22.6	23.0
	6H	23.4	24.6	23.8	25.0	25.4	21.2	22.4	21.6	22.8	23.2
	8H	23.5	24.7	24.0	25.1	25.5	21.3	22.4	21.7	22.8	23.2
	12H	23.6	24.7	24.0	25.1	25.5	21.3	22.4	21.7	22.8	23.2
4H	2H	21.3	22.6	21.7	22.9	23.3	19.9	21.2	20.3	21.5	21.9
	3H	23.1	24.2	23.5	24.6	25.0	21.4	22.5	21.8	22.9	23.3
	4H	23.8	24.7	24.2	25.2	25.6	21.9	22.9	22.3	23.3	23.7
	6H	24.3	25.1	24.7	25.6	26.0	22.3	23.1	22.7	23.6	24.0
	8H	24.4	25.2	24.9	25.7	26.1	22.3	23.1	22.8	23.6	24.0
	12H	24.5	25.2	25.0	25.7	26.2	22.4	23.1	22.9	23.6	24.0
8H	4H	23.9	24.7	24.4	25.1	25.6	22.2	23.0	22.7	23.5	23.9
	6H	24.5	25.1	25.0	25.6	26.1	22.6	23.3	23.1	23.8	24.3
	8H	24.7	25.3	25.2	25.8	26.3	22.8	23.4	23.3	23.9	24.4
	12H	24.8	25.3	25.3	25.8	26.4	22.8	23.4	23.3	23.8	24.4
12H	4H	23.9	24.6	24.4	25.1	25.5	22.3	23.0	22.7	23.4	23.9
	6H	24.5	25.1	25.0	25.5	26.1	22.7	23.3	23.2	23.8	24.3
	8H	24.7	25.2	25.2	25.7	26.3	22.9	23.4	23.4	23.9	24.4

Maximum UGR = 26.4

POLAR GRAPH



Maximum Candela = 5822.96 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.)