

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-8-L12-830-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.01

[TESTLAB] UL, LLC

[ISSUEDATE] 2026-05-12

[TESTDATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX2x-8-L12-830-DMA-DIM-UNV_

[LUMINAIRE] Nominal 2" x 8' 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	9654
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	99
Total Luminaire Watts	97.6
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.04
Spacing Criterion (Diagonal)	1.20
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	8.00 ft
Luminous Width (90-270)	0.23 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	20617	17850	15570
55	18220	15282	12644
65	15629	12298	9927
75	12539	8768	6811
85	8255	2613	1415

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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	4591.784	4591.784	4591.784	4591.784	4591.784
0.5	4598.941	4584.627	4596.078	4593.215	4580.333
1.0	4596.078	4583.196	4596.078	4591.784	4578.902
1.5	4594.646	4580.333	4591.784	4587.490	4574.608
2.0	4593.215	4578.902	4590.352	4584.627	4570.313
2.5	4590.352	4576.039	4586.058	4578.902	4566.019
3.0	4587.490	4573.176	4581.764	4573.176	4558.863
3.5	4583.196	4568.882	4574.608	4564.588	4551.706
4.0	4578.902	4563.157	4568.882	4557.431	4541.686
4.5	4574.608	4557.431	4560.294	4547.412	4530.236
5.0	4571.745	4551.706	4553.137	4535.961	4520.216
5.5	4563.157	4544.549	4543.118	4525.941	4508.765
6.0	4557.431	4537.392	4533.098	4513.059	4495.883
6.5	4550.275	4528.804	4523.079	4498.746	4481.570
7.0	4541.686	4518.785	4511.628	4485.864	4464.393
7.5	4533.098	4510.197	4498.746	4468.687	4447.217
8.0	4524.510	4500.177	4485.864	4452.942	4428.609
8.5	4514.491	4488.726	4471.550	4435.766	4412.865
9.0	4503.040	4477.275	4457.236	4417.159	4394.257
9.5	4493.020	4467.256	4441.492	4398.551	4372.787
10.0	4481.570	4454.374	4425.747	4378.512	4351.316
10.5	4471.550	4441.492	4408.570	4357.042	4328.415
11.0	4458.668	4427.178	4389.963	4335.571	4302.650
11.5	4447.217	4414.296	4371.355	4312.670	4281.180
12.0	4438.629	4401.414	4351.316	4289.768	4256.847
12.5	4420.021	4387.100	4331.277	4264.004	4232.514
13.0	4402.845	4369.924	4311.238	4239.671	4205.318
13.5	4388.532	4349.885	4289.768	4215.338	4178.122
14.0	4371.355	4331.277	4266.866	4188.142	4150.927
14.5	4354.179	4311.238	4243.965	4160.946	4122.300
15.0	4337.003	4292.631	4222.494	4133.750	4092.241
15.5	4319.827	4274.023	4199.593	4103.692	4062.183
16.0	4301.219	4253.984	4176.691	4075.065	4033.556
16.5	4284.043	4232.514	4150.927	4046.438	4002.066
17.0	4262.572	4211.044	4122.300	4014.948	3969.145
17.5	4242.533	4189.573	4095.104	3984.890	3937.655
18.0	4223.926	4166.672	4067.908	3953.400	3903.302
18.5	4201.024	4143.770	4039.281	3920.479	3870.381
19.0	4179.554	4120.868	4010.654	3890.420	3837.460
19.5	4159.515	4096.535	3982.027	3856.068	3800.245
20.0	4135.182	4072.202	3953.400	3821.715	3765.892
20.5	4113.712	4049.301	3924.773	3788.794	3731.540
21.0	4090.810	4023.536	3893.283	3755.873	3695.756
21.5	4066.477	3997.772	3861.793	3721.521	3659.972
22.0	4042.144	3972.007	3831.735	3685.737	3624.188
22.5	4017.811	3944.812	3801.676	3649.953	3588.405
23.0	3992.046	3919.047	3768.755	3614.169	3551.189
23.5	3967.713	3891.852	3735.834	3579.816	3513.974
24.0	3939.086	3863.225	3702.913	3542.601	3478.190
24.5	3913.322	3834.597	3668.560	3506.817	3440.975
25.0	3886.126	3805.970	3637.071	3469.602	3403.760
25.5	3858.931	3777.343	3602.718	3432.387	3365.113
26.0	3831.735	3745.854	3568.366	3396.603	3327.898
26.5	3803.108	3717.226	3534.013	3359.388	3289.252

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CANDELA TABULATION - (Cont.)

27.0	3773.049	3685.737	3499.661	3322.173	3252.036
27.5	3742.991	3655.678	3463.877	3284.958	3213.390
28.0	3710.070	3624.188	3429.524	3247.742	3174.743
28.5	3677.149	3592.699	3395.172	3211.958	3136.097
29.0	3647.090	3561.209	3357.957	3173.312	3097.450
29.5	3617.032	3528.288	3322.173	3134.665	3057.372
30.0	3584.111	3495.367	3287.820	3097.450	3021.588
30.5	3554.052	3463.877	3252.036	3058.804	2982.942
31.0	3521.131	3430.956	3216.253	3020.157	2945.727
31.5	3491.073	3396.603	3179.037	2982.942	2908.511
32.0	3458.151	3362.251	3143.253	2944.295	2869.865
32.5	3425.230	3327.898	3106.038	2904.217	2831.218
33.0	3393.740	3293.546	3070.254	2867.002	2794.003
33.5	3360.819	3260.625	3034.471	2831.218	2756.788
34.0	3326.467	3224.841	2997.255	2792.572	2718.141
34.5	3293.546	3190.488	2961.472	2755.357	2682.357
35.0	3259.193	3156.136	2924.256	2718.141	2642.280
35.5	3227.703	3120.352	2887.041	2680.926	2603.633
36.0	3193.351	3085.999	2851.257	2642.280	2562.124
36.5	3158.998	3050.215	2814.042	2603.633	2526.340
37.0	3126.077	3014.432	2776.827	2563.555	2489.125
37.5	3090.293	2978.648	2742.474	2526.340	2453.341
38.0	3053.078	2944.295	2705.259	2490.556	2416.126
38.5	3018.726	2907.080	2668.044	2454.772	2380.342
39.0	2985.805	2871.296	2627.966	2417.557	2344.558
39.5	2948.589	2835.512	2589.319	2381.773	2308.774
40.0	2914.237	2799.729	2552.104	2347.421	2272.990
40.5	2878.453	2763.945	2516.320	2310.205	2237.206
41.0	2839.806	2728.161	2480.537	2275.853	2201.423
41.5	2804.023	2690.946	2443.321	2240.069	2167.070
42.0	2766.807	2653.730	2408.969	2205.717	2131.286
42.5	2729.592	2615.084	2371.754	2169.933	2096.934
43.0	2693.808	2575.006	2338.833	2135.580	2061.150
43.5	2655.162	2539.222	2303.049	2101.228	2025.366
44.0	2615.084	2503.438	2267.265	2066.875	1989.582
44.5	2573.575	2466.223	2232.912	2032.523	1953.798
45.0	2537.791	2430.439	2197.128	1998.170	1916.583
45.5	2502.007	2394.655	2162.776	1963.818	1880.799
46.0	2464.792	2358.871	2126.992	1928.034	1846.447
46.5	2427.576	2323.088	2092.640	1893.681	1810.663
47.0	2390.361	2287.304	2059.718	1857.898	1776.310
47.5	2354.577	2251.520	2025.366	1823.545	1741.958
48.0	2317.362	2215.736	1991.013	1787.761	1707.605
48.5	2281.578	2181.384	1956.661	1753.409	1673.253
49.0	2245.794	2145.600	1923.740	1719.056	1638.900
49.5	2208.579	2109.816	1889.387	1684.704	1605.979
50.0	2174.227	2075.463	1856.466	1651.783	1574.489
50.5	2138.443	2039.680	1823.545	1617.430	1541.568
51.0	2102.659	2005.327	1790.624	1584.509	1508.647
51.5	2066.875	1970.975	1757.703	1551.588	1477.157
52.0	2031.091	1936.622	1724.782	1518.667	1445.668
52.5	1996.739	1902.270	1691.860	1487.177	1413.892
53.0	1960.955	1869.348	1658.939	1454.256	1381.972
53.5	1925.171	1834.996	1626.018	1422.623	1353.059
54.0	1889.387	1800.643	1593.097	1390.990	1321.712
54.5	1855.035	1766.291	1558.745	1359.929	1291.654

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CANDELA TABULATION - (Cont.)

55.0	1819.251	1733.370	1525.823	1328.297	1262.454
55.5	1784.898	1700.449	1492.902	1297.809	1233.255
56.0	1749.115	1667.527	1458.550	1267.178	1203.769
56.5	1714.762	1633.175	1426.201	1237.406	1174.140
57.0	1678.978	1601.685	1393.709	1207.347	1145.799
57.5	1646.057	1568.764	1361.218	1178.004	1117.172
58.0	1611.705	1535.843	1328.869	1148.805	1089.547
58.5	1575.921	1502.922	1297.236	1119.891	1061.492
59.0	1543.000	1470.001	1265.317	1091.407	1033.724
59.5	1508.647	1438.511	1233.684	1062.924	1006.814
60.0	1475.726	1406.162	1202.624	1035.298	980.478
60.5	1441.374	1374.672	1172.136	1007.244	953.711
61.0	1408.166	1343.040	1141.648	979.476	927.661
61.5	1374.959	1311.550	1111.160	952.280	902.326
62.0	1341.894	1280.060	1080.815	926.229	876.704
62.5	1309.546	1249.286	1050.757	899.749	851.226
63.0	1277.197	1218.655	1021.128	873.412	826.607
63.5	1245.564	1188.310	991.499	847.505	802.560
64.0	1212.929	1157.822	962.442	822.027	777.798
64.5	1181.153	1127.764	933.529	796.692	753.894
65.0	1149.807	1097.562	904.759	771.786	730.277
65.5	1118.317	1067.647	876.275	746.881	706.659
66.0	1087.400	1038.447	848.077	722.691	683.328
66.5	1056.769	1008.961	820.452	698.215	660.570
67.0	1025.708	979.476	792.541	674.311	637.954
67.5	995.220	950.419	765.488	650.694	615.196
68.0	965.305	920.790	738.006	627.219	593.010
68.5	935.247	891.018	711.669	604.318	570.967
69.0	905.475	860.673	685.332	581.273	549.211
69.5	875.846	831.187	659.282	558.801	528.027
70.0	846.073	801.558	633.517	536.615	506.270
70.5	816.587	771.929	608.039	514.572	485.658
71.0	787.245	742.730	582.847	492.672	464.761
71.5	758.761	713.959	558.085	471.345	443.863
72.0	730.706	685.475	533.752	449.875	423.395
72.5	701.936	657.707	509.705	428.977	403.212
73.0	674.025	629.796	486.088	408.222	383.603
73.5	645.970	602.028	462.900	387.611	363.707
74.0	618.917	575.261	439.998	367.858	344.670
74.5	591.722	548.495	417.526	347.676	325.633
75.0	564.955	521.872	395.054	328.066	306.882
75.5	538.332	496.107	373.297	308.743	288.847
76.0	512.711	470.343	351.970	290.135	270.812
76.5	487.233	445.437	330.786	271.814	253.493
77.0	462.041	420.246	310.174	253.636	236.889
77.5	437.422	395.769	289.849	236.173	220.285
78.0	412.946	371.723	269.810	219.140	204.111
78.5	389.185	348.105	249.914	202.537	188.366
79.0	365.711	324.774	230.734	186.219	172.908
79.5	343.096	301.729	212.127	170.474	157.592
80.0	320.766	279.257	194.092	155.159	142.849
80.5	298.867	257.214	176.629	139.843	128.106
81.0	277.253	235.458	160.025	124.957	113.793
81.5	256.212	214.417	143.708	110.214	99.193
82.0	235.744	194.092	128.249	96.044	84.736
82.5	215.848	174.339	113.077	81.444	69.421

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CANDELA TABULATION - (Cont.)

83.0	196.525	155.159	98.191	66.558	52.960
83.5	177.774	136.551	83.877	50.097	35.354
84.0	159.596	118.946	69.850	33.351	27.339
84.5	142.133	102.056	55.680	25.478	24.190
85.0	125.243	86.024	39.649	22.329	21.470
85.5	109.069	70.995	24.047	19.610	18.894
86.0	93.467	56.682	18.894	16.890	16.317
86.5	78.295	43.227	16.031	14.314	13.741
87.0	64.125	30.058	13.312	11.880	11.308
87.5	50.527	15.888	10.592	9.304	9.018
88.0	37.788	10.019	8.159	7.014	6.584
88.5	26.051	7.443	5.725	4.867	4.580
89.0	15.888	4.867	3.435	2.863	2.720
89.5	7.157	2.576	1.718	1.431	1.145
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 : LRX2X-8-L12-830-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 : LRX2X-8-L12-830-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 : LRX2X-8-L12-830-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1614.79	N.A.	16.70
0-30	3287.29	N.A.	34.10
0-40	5122.31	N.A.	53.10
0-60	8201.26	N.A.	85.00
0-80	9572.34	N.A.	99.20
0-90	9653.98	N.A.	100.00
10-90	9224.08	N.A.	95.50
20-40	3507.52	N.A.	36.30
20-50	5215.12	N.A.	54.00
40-70	4000.74	N.A.	41.40
60-80	1371.08	N.A.	14.20
70-80	449.28	N.A.	4.70
80-90	81.64	N.A.	0.80
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	9653.98	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	429.90
10-20	1184.89
20-30	1672.5
30-40	1835.01
40-50	1707.61
50-60	1371.34
60-70	921.79
70-80	449.28
80-90	81.64
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 : LRX2X-8-L12-830-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	92	86	81	88	83	79	85	81	77	82	79	76	74
3	93	83	76	70	90	82	75	69	79	73	68	76	71	67	73	69	65	63
4	85	74	66	60	83	73	65	60	71	64	59	68	63	58	66	61	57	55
5	79	67	59	52	77	66	58	52	64	57	52	62	56	51	60	55	50	48
6	73	61	52	46	71	60	52	46	58	51	46	56	50	45	55	49	45	43
7	68	55	47	41	67	55	47	41	53	46	41	52	45	41	50	45	40	38
8	64	51	43	37	62	50	42	37	49	42	37	48	41	37	47	41	36	35
9	60	47	39	34	58	46	39	34	45	38	34	44	38	33	43	37	33	31
10	56	43	36	31	55	43	36	31	42	35	31	41	35	31	40	35	30	29

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-8-L12-830-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

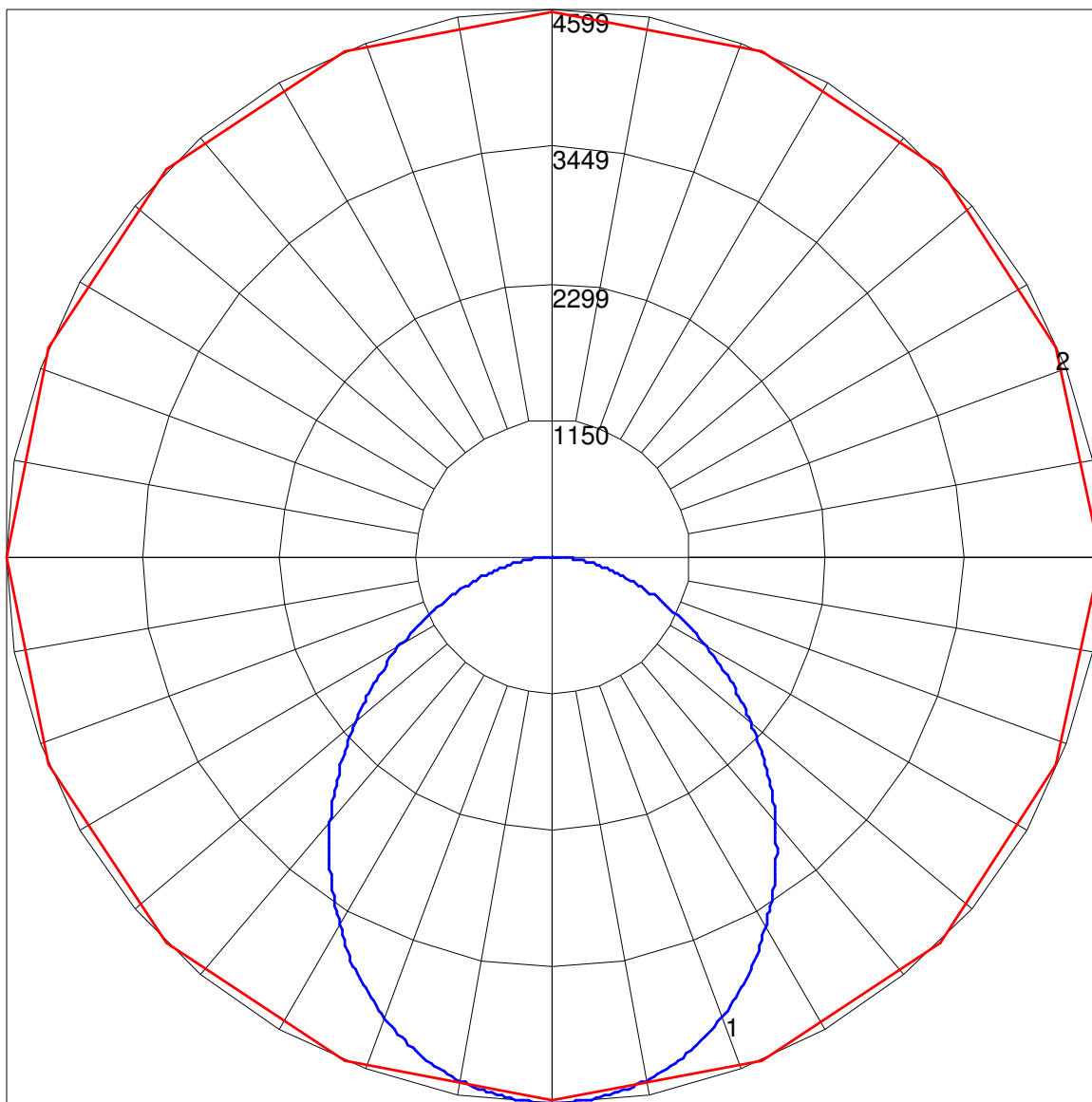
Reflectances

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	22.1	23.6	22.5	24.0	24.3	20.0	21.5	20.3	21.8	22.1
	3H	23.7	25.1	24.1	25.4	25.8	21.2	22.6	21.6	22.9	23.3
	4H	24.3	25.6	24.7	25.9	26.3	21.6	22.9	22.0	23.3	23.6
	6H	24.6	25.8	25.0	26.2	26.6	21.8	23.0	22.2	23.4	23.7
	8H	24.7	25.9	25.2	26.3	26.7	21.8	22.9	22.2	23.3	23.7
	12H	24.8	25.9	25.2	26.3	26.7	21.8	22.9	22.2	23.3	23.7
4H	2H	22.4	23.7	22.8	24.1	24.4	20.7	22.0	21.1	22.3	22.7
	3H	24.2	25.3	24.7	25.7	26.1	22.1	23.2	22.5	23.6	24.0
	4H	24.9	25.9	25.4	26.3	26.7	22.6	23.5	23.0	24.0	24.4
	6H	25.4	26.3	25.9	26.7	27.2	22.8	23.7	23.3	24.1	24.6
	8H	25.5	26.3	26.0	26.8	27.2	22.8	23.6	23.3	24.1	24.5
	12H	25.6	26.3	26.1	26.8	27.3	22.8	23.5	23.3	24.0	24.5
8H	4H	25.0	25.8	25.5	26.2	26.7	22.9	23.7	23.3	24.1	24.6
	6H	25.6	26.2	26.1	26.7	27.2	23.2	23.8	23.7	24.3	24.8
	8H	25.8	26.3	26.3	26.9	27.3	23.2	23.8	23.7	24.3	24.8
	12H	25.9	26.4	26.4	26.9	27.5	23.2	23.7	23.7	24.2	24.8
12H	4H	25.0	25.7	25.5	26.2	26.6	22.9	23.6	23.4	24.1	24.5
	6H	25.6	26.2	26.1	26.6	27.2	23.2	23.8	23.8	24.3	24.8
	8H	25.8	26.3	26.3	26.8	27.3	23.3	23.8	23.8	24.3	24.8

Maximum UGR = 27.5

POLAR GRAPH



Maximum Candela = 4598.941 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.)