

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-8-L12-827-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.01

[TESTLAB] UL, LLC

[ISSUE DATE] 2026-05-12

[TEST DATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX2x-8-L12-827-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	9459
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	97
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	20201	17489	15256
55	17852	14973	12388
65	15313	12050	9726
75	12286	8591	6674
85	8088	2561	1387

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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	4499.018	4499.018	4499.018	4499.018	4499.018
0.5	4506.030	4492.006	4503.225	4500.420	4487.798
1.0	4503.225	4490.603	4503.225	4499.018	4486.396
1.5	4501.823	4487.798	4499.018	4494.810	4482.189
2.0	4500.420	4486.396	4497.615	4492.006	4477.981
2.5	4497.615	4483.591	4493.408	4486.396	4473.774
3.0	4494.810	4480.786	4489.201	4480.786	4466.762
3.5	4490.603	4476.579	4482.189	4472.372	4459.750
4.0	4486.396	4470.969	4476.579	4465.359	4449.933
4.5	4482.189	4465.359	4468.164	4455.542	4438.713
5.0	4479.384	4459.750	4461.152	4444.323	4428.896
5.5	4470.969	4452.737	4451.335	4434.506	4417.676
6.0	4465.359	4445.725	4441.518	4421.884	4405.055
6.5	4458.347	4437.311	4431.701	4407.859	4391.030
7.0	4449.933	4427.494	4420.481	4395.237	4374.201
7.5	4441.518	4419.079	4407.859	4378.408	4357.372
8.0	4433.103	4409.262	4395.237	4362.981	4339.140
8.5	4423.286	4398.042	4381.213	4346.152	4323.713
9.0	4412.067	4386.823	4367.189	4327.920	4305.482
9.5	4402.250	4377.006	4351.762	4309.689	4284.445
10.0	4391.030	4364.384	4336.335	4290.055	4263.408
10.5	4381.213	4351.762	4319.506	4269.018	4240.969
11.0	4368.591	4337.738	4301.274	4247.982	4215.726
11.5	4357.372	4325.116	4283.043	4225.543	4194.689
12.0	4348.957	4312.494	4263.408	4203.104	4170.848
12.5	4330.725	4298.469	4243.774	4177.860	4147.006
13.0	4313.896	4281.640	4224.140	4154.018	4120.360
13.5	4299.872	4262.006	4203.104	4130.177	4093.714
14.0	4283.043	4243.774	4180.665	4103.531	4067.067
14.5	4266.213	4224.140	4158.226	4076.884	4039.018
15.0	4249.384	4205.908	4137.189	4050.238	4009.567
15.5	4232.555	4187.677	4114.750	4020.787	3980.116
16.0	4214.323	4168.043	4092.311	3992.738	3952.067
16.5	4197.494	4147.006	4067.067	3964.689	3921.214
17.0	4176.457	4125.970	4039.018	3933.836	3888.958
17.5	4156.823	4104.933	4012.372	3904.385	3858.104
18.0	4138.592	4082.494	3985.726	3873.531	3824.446
18.5	4116.153	4060.055	3957.677	3841.275	3792.190
19.0	4095.116	4037.616	3929.628	3811.824	3759.934
19.5	4075.482	4013.775	3901.580	3778.165	3723.470
20.0	4051.640	3989.933	3873.531	3744.507	3689.812
20.5	4030.604	3967.494	3845.482	3712.251	3656.153
21.0	4008.165	3942.250	3814.629	3679.995	3621.092
21.5	3984.323	3917.006	3783.775	3646.336	3586.031
22.0	3960.482	3891.763	3754.324	3611.275	3550.970
22.5	3936.641	3865.116	3724.873	3576.214	3515.909
23.0	3911.397	3839.872	3692.617	3541.153	3479.446
23.5	3887.555	3813.226	3660.360	3507.495	3442.983
24.0	3859.507	3785.177	3628.104	3471.032	3407.922
24.5	3834.263	3757.129	3594.446	3435.971	3371.458
25.0	3807.616	3729.080	3563.592	3399.507	3334.995
25.5	3780.970	3701.031	3529.934	3363.044	3297.129
26.0	3754.324	3670.178	3496.275	3327.983	3260.666
26.5	3726.275	3642.129	3462.617	3291.520	3222.800

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CANDELA TABULATION - (Cont.)

27.0	3696.824	3611.275	3428.958	3255.056	3186.337
27.5	3667.373	3581.824	3393.897	3218.593	3148.471
28.0	3635.117	3550.970	3360.239	3182.129	3110.605
28.5	3602.861	3520.117	3326.580	3147.069	3072.739
29.0	3573.409	3489.263	3290.117	3109.203	3034.874
29.5	3543.958	3457.007	3255.056	3071.337	2995.605
30.0	3511.702	3424.751	3221.398	3034.874	2960.544
30.5	3482.251	3393.897	3186.337	2997.008	2922.679
31.0	3449.995	3361.641	3151.276	2959.142	2886.215
31.5	3420.544	3327.983	3114.813	2922.679	2849.752
32.0	3388.288	3294.324	3079.752	2884.813	2811.886
32.5	3356.032	3260.666	3043.288	2845.545	2774.020
33.0	3325.178	3227.007	3008.227	2809.081	2737.557
33.5	3292.922	3194.751	2973.166	2774.020	2701.094
34.0	3259.264	3159.690	2936.703	2736.155	2663.228
34.5	3227.007	3126.032	2901.642	2699.691	2628.167
35.0	3193.349	3092.374	2865.179	2663.228	2588.899
35.5	3162.495	3057.313	2828.715	2626.764	2551.033
36.0	3128.837	3023.654	2793.654	2588.899	2510.362
36.5	3095.178	2988.593	2757.191	2551.033	2475.301
37.0	3062.922	2953.532	2720.728	2511.765	2438.838
37.5	3027.861	2918.471	2687.069	2475.301	2403.777
38.0	2991.398	2884.813	2650.606	2440.240	2367.314
38.5	2957.740	2848.349	2614.143	2405.179	2332.253
39.0	2925.484	2813.289	2574.874	2368.716	2297.192
39.5	2889.020	2778.228	2537.008	2333.655	2262.131
40.0	2855.362	2743.167	2500.545	2299.997	2227.070
40.5	2820.301	2708.106	2465.484	2263.533	2192.009
41.0	2782.435	2673.045	2430.423	2229.875	2156.948
41.5	2747.374	2636.582	2393.960	2194.814	2123.290
42.0	2710.911	2600.118	2360.301	2161.155	2088.229
42.5	2674.447	2562.252	2323.838	2126.094	2054.570
43.0	2639.386	2522.984	2291.582	2092.436	2019.509
43.5	2601.521	2487.923	2256.521	2058.777	1984.448
44.0	2562.252	2452.862	2221.460	2025.119	1949.387
44.5	2521.582	2416.399	2187.802	1991.460	1914.326
45.0	2486.521	2381.338	2152.741	1957.802	1877.863
45.5	2451.460	2346.277	2119.082	1924.144	1842.802
46.0	2414.996	2311.216	2084.021	1889.083	1809.144
46.5	2378.533	2276.155	2050.363	1855.424	1774.083
47.0	2342.070	2241.094	2018.107	1820.363	1740.424
47.5	2307.009	2206.033	1984.448	1786.705	1706.766
48.0	2270.545	2170.972	1950.790	1751.644	1673.107
48.5	2235.485	2137.314	1917.131	1717.985	1639.449
49.0	2200.424	2102.253	1884.875	1684.327	1605.790
49.5	2163.960	2067.192	1851.217	1650.668	1573.534
50.0	2130.302	2033.534	1818.961	1618.412	1542.681
50.5	2095.241	1998.473	1786.705	1584.754	1510.425
51.0	2060.180	1964.814	1754.449	1552.498	1478.169
51.5	2025.119	1931.156	1722.193	1520.242	1447.315
52.0	1990.058	1897.497	1689.937	1487.986	1416.461
52.5	1956.400	1863.839	1657.681	1457.132	1385.327
53.0	1921.339	1831.583	1625.424	1424.876	1354.053
53.5	1886.278	1797.924	1593.168	1393.882	1325.724
54.0	1851.217	1764.266	1560.912	1362.888	1295.010
54.5	1817.558	1730.607	1527.254	1332.455	1265.559

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CANDELA TABULATION - (Cont.)

55.0	1782.497	1698.351	1494.998	1301.462	1236.949
55.5	1748.839	1666.095	1462.742	1271.590	1208.340
56.0	1713.778	1633.839	1429.083	1241.577	1179.449
56.5	1680.119	1600.181	1397.388	1212.407	1150.419
57.0	1645.059	1569.327	1365.553	1182.956	1122.651
57.5	1612.803	1537.071	1333.718	1154.206	1094.602
58.0	1579.144	1504.815	1302.022	1125.596	1067.535
58.5	1544.083	1472.559	1271.029	1097.267	1040.047
59.0	1511.827	1440.303	1239.754	1069.358	1012.840
59.5	1478.169	1409.449	1208.760	1041.450	986.474
60.0	1445.913	1377.754	1178.328	1014.383	960.669
60.5	1412.254	1346.900	1148.456	986.895	934.444
61.0	1379.717	1315.907	1118.584	959.688	908.919
61.5	1347.181	1285.053	1088.712	933.041	884.096
62.0	1314.785	1254.199	1058.980	907.517	858.993
62.5	1283.090	1224.047	1029.529	881.572	834.029
63.0	1251.395	1194.035	1000.499	855.767	809.907
63.5	1220.401	1164.303	971.468	830.383	786.346
64.0	1188.425	1134.431	942.999	805.420	762.084
64.5	1157.291	1104.980	914.669	780.596	738.664
65.0	1126.578	1075.389	886.480	756.194	715.523
65.5	1095.724	1046.078	858.572	731.792	692.383
66.0	1065.431	1017.468	830.944	708.090	669.523
66.5	1035.419	988.578	803.877	684.109	647.225
67.0	1004.986	959.688	776.529	660.688	625.066
67.5	975.114	931.218	750.023	637.548	602.767
68.0	945.803	902.188	723.097	614.548	581.030
68.5	916.352	873.017	697.292	592.109	559.432
69.0	887.182	843.285	671.487	569.530	538.115
69.5	858.151	814.395	645.962	547.511	517.359
70.0	828.980	785.365	620.719	525.774	496.042
70.5	800.090	756.334	595.755	504.176	475.847
71.0	771.340	727.725	571.072	482.719	455.371
71.5	743.432	699.536	546.810	461.822	434.896
72.0	715.944	671.627	522.969	440.786	414.841
72.5	687.755	644.420	499.408	420.310	395.066
73.0	660.408	617.072	476.268	399.975	375.853
73.5	632.920	589.865	453.548	379.780	356.359
74.0	606.414	563.639	431.109	360.426	337.707
74.5	579.767	537.414	409.091	340.652	319.054
75.0	553.542	511.329	387.073	321.439	300.682
75.5	527.457	486.085	365.756	302.506	283.012
76.0	502.353	460.841	344.859	284.274	265.341
76.5	477.390	436.438	324.103	266.323	248.372
77.0	452.707	411.755	303.908	248.512	232.103
77.5	428.585	387.774	283.993	231.402	215.835
78.0	404.603	364.213	264.359	214.713	199.988
78.5	381.323	341.073	244.865	198.445	184.561
79.0	358.323	318.213	226.073	182.457	169.414
79.5	336.164	295.634	207.841	167.030	154.408
80.0	314.286	273.615	190.170	152.024	139.963
80.5	292.829	252.018	173.061	137.018	125.518
81.0	271.652	230.701	156.792	122.433	111.494
81.5	251.036	210.085	140.805	107.988	97.189
82.0	230.981	190.170	125.658	94.104	83.024
82.5	211.487	170.817	110.793	79.799	68.018

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CANDELA TABULATION - (Cont.)

83.0	192.555	152.024	96.207	65.213	51.890
83.5	174.183	133.792	82.183	49.085	34.640
84.0	156.372	116.543	68.439	32.677	26.787
84.5	139.262	99.994	54.555	24.963	23.701
85.0	122.713	84.286	38.848	21.878	21.037
85.5	106.866	69.561	23.561	19.213	18.512
86.0	91.579	55.537	18.512	16.549	15.988
86.5	76.713	42.354	15.707	14.024	13.463
87.0	62.829	29.451	13.043	11.640	11.079
87.5	49.506	15.567	10.378	9.116	8.835
88.0	37.024	9.817	7.994	6.872	6.451
88.5	25.524	7.293	5.610	4.768	4.488
89.0	15.567	4.768	3.366	2.805	2.665
89.5	7.012	2.524	1.683	1.402	1.122
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-L12-827-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-L12-827-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-L12-827-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1582.17	N.A.	16.70
0-30	3220.88	N.A.	34.10
0-40	5018.83	N.A.	53.10
0-60	8035.57	N.A.	85.00
0-80	9378.95	N.A.	99.20
0-90	9458.94	N.A.	100.00
10-90	9037.72	N.A.	95.50
20-40	3436.66	N.A.	36.30
20-50	5109.77	N.A.	54.00
40-70	3919.92	N.A.	41.40
60-80	1343.38	N.A.	14.20
70-80	440.21	N.A.	4.70
80-90	79.99	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	9458.94	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	421.22
10-20	1160.95
20-30	1638.72
30-40	1797.94
40-50	1673.11
50-60	1343.64
60-70	903.17
70-80	440.21
80-90	79.99
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-L12-827-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-L12-827-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

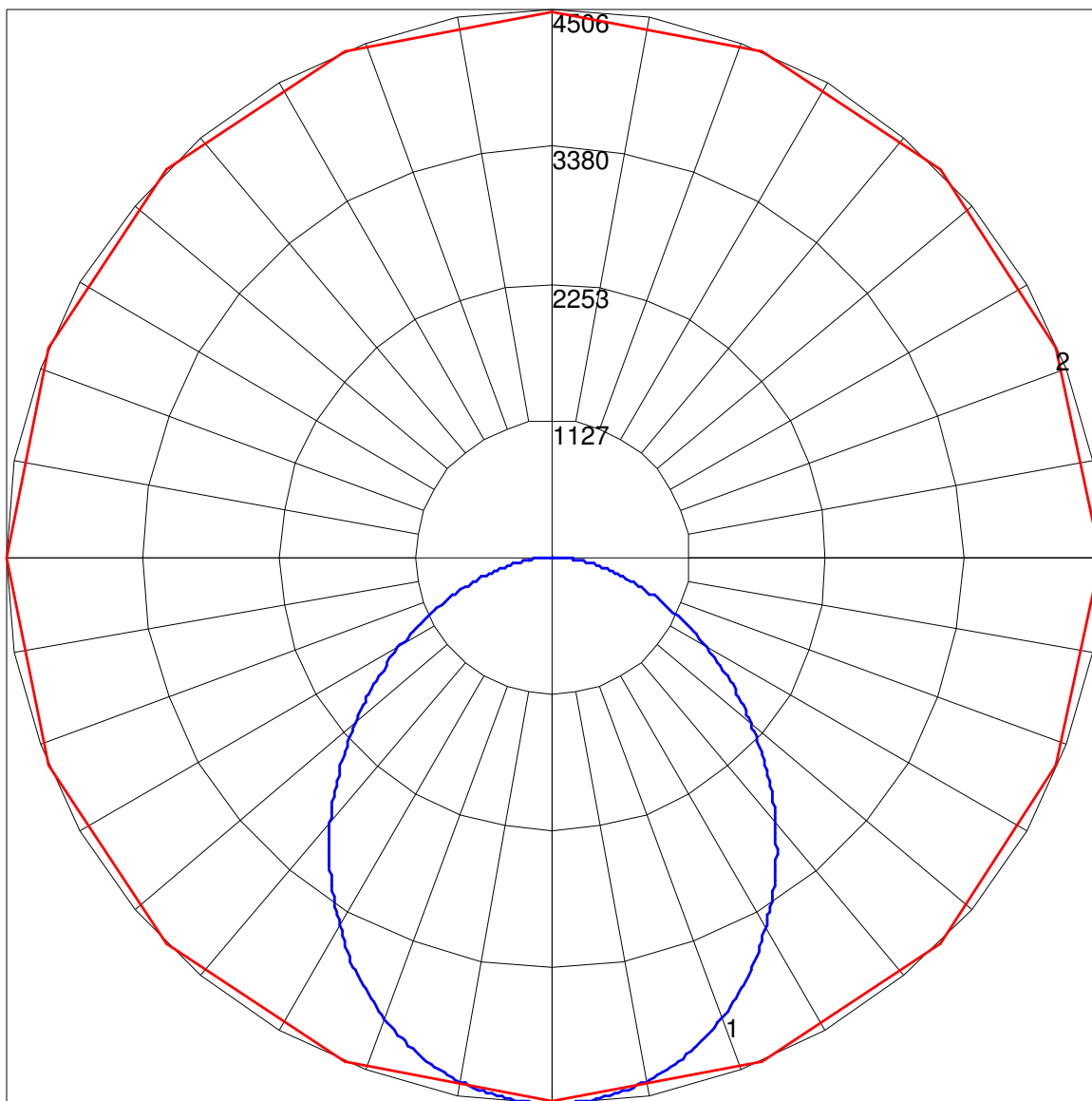
X=2H	Y=2H	22.0	23.5	22.4	23.9	24.2	19.9	21.4	20.2	21.7	22.0
	3H	23.6	25.0	24.0	25.3	25.7	21.1	22.5	21.5	22.8	23.2
	4H	24.2	25.5	24.6	25.8	26.2	21.5	22.8	21.9	23.2	23.5
	6H	24.5	25.7	24.9	26.1	26.5	21.7	22.9	22.1	23.3	23.6
	8H	24.6	25.8	25.1	26.2	26.6	21.7	22.8	22.1	23.2	23.6
	12H	24.7	25.8	25.1	26.2	26.6	21.7	22.8	22.1	23.2	23.6

UGR Viewed Endwise

4H	2H	22.3	23.6	22.7	24.0	24.3	20.6	21.9	21.0	22.2	22.6
	3H	24.1	25.2	24.6	25.6	26.0	22.0	23.1	22.4	23.5	23.9
	4H	24.8	25.8	25.3	26.2	26.6	22.5	23.4	22.9	23.9	24.3
	6H	25.3	26.2	25.8	26.6	27.1	22.7	23.6	23.2	24.0	24.5
	8H	25.4	26.2	25.9	26.7	27.1	22.7	23.5	23.2	24.0	24.4
	12H	25.5	26.2	26.0	26.7	27.2	22.7	23.4	23.2	23.9	24.4
8H	4H	24.9	25.7	25.4	26.1	26.6	22.8	23.5	23.2	24.0	24.5
	6H	25.5	26.1	26.0	26.6	27.1	23.1	23.7	23.6	24.2	24.7
	8H	25.7	26.2	26.2	26.8	27.2	23.1	23.7	23.6	24.2	24.7
	12H	25.8	26.3	26.3	26.8	27.4	23.1	23.6	23.6	24.1	24.7
12H	4H	24.9	25.6	25.4	26.1	26.5	22.8	23.5	23.3	24.0	24.4
	6H	25.5	26.1	26.0	26.5	27.1	23.1	23.7	23.7	24.2	24.7
	8H	25.7	26.2	26.2	26.7	27.2	23.2	23.7	23.7	24.2	24.7

Maximum UGR = 27.4

POLAR GRAPH



Maximum Candela = 4506.03 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.)