

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-8-L19-950-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-8-L19-950-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	13578
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	102
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	16560	14681	12997
55	14495	12529	10642
65	12333	10305	8561
75	9902	7739	6303
85	6412	3975	3042

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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	6289.294	6289.294	6289.294	6289.294	6289.294
0.5	6320.040	6275.629	6291.002	6285.878	6282.462
1.0	6318.332	6273.921	6289.294	6284.170	6280.754
1.5	6316.624	6270.505	6287.586	6280.754	6277.337
2.0	6313.208	6268.797	6282.462	6273.921	6275.629
2.5	6311.500	6265.381	6279.046	6270.505	6268.797
3.0	6306.375	6260.256	6273.921	6261.964	6260.256
3.5	6302.959	6255.132	6267.089	6255.132	6251.716
4.0	6294.419	6248.299	6260.256	6246.591	6241.467
4.5	6291.002	6241.467	6251.716	6236.343	6229.510
5.0	6282.462	6234.634	6241.467	6226.094	6219.261
5.5	6279.046	6224.386	6231.218	6212.429	6203.888
6.0	6263.673	6215.845	6219.261	6198.764	6190.223
6.5	6255.132	6207.305	6205.596	6183.391	6173.142
7.0	6244.883	6195.348	6193.640	6168.018	6157.769
7.5	6234.634	6183.391	6178.267	6150.937	6138.980
8.0	6222.678	6169.726	6164.602	6132.147	6118.482
8.5	6210.721	6157.769	6149.229	6111.650	6097.985
9.0	6197.056	6144.104	6130.439	6091.152	6077.488
9.5	6181.683	6127.023	6113.358	6068.947	6053.574
10.0	6169.726	6111.650	6092.861	6048.450	6031.368
10.5	6150.937	6094.569	6074.071	6026.244	6007.455
11.0	6133.855	6077.488	6051.866	6000.622	5983.541
11.5	6116.774	6058.698	6029.660	5975.000	5954.503
12.0	6097.985	6039.909	6007.455	5947.670	5927.173
12.5	6075.779	6017.703	5983.541	5920.341	5896.427
13.0	6056.990	5997.206	5957.919	5891.303	5867.389
13.5	6038.201	5975.000	5932.297	5862.265	5838.351
14.0	6014.287	5952.795	5906.676	5829.810	5804.188
14.5	5993.790	5927.173	5877.638	5799.064	5771.734
15.0	5969.876	5903.259	5848.600	5766.610	5737.572
15.5	5945.962	5877.638	5819.562	5732.447	5703.409
16.0	5920.341	5852.016	5788.815	5698.285	5665.831
16.5	5896.427	5826.394	5758.069	5662.415	5629.960
17.0	5869.097	5797.356	5725.615	5626.544	5590.674
17.5	5843.475	5768.318	5694.869	5588.965	5551.387
18.0	5814.437	5740.988	5660.706	5551.387	5512.100
18.5	5788.815	5710.242	5626.544	5512.100	5469.397
19.0	5758.069	5679.496	5590.674	5471.105	5426.694
19.5	5729.031	5648.750	5554.803	5431.819	5383.991
20.0	5698.285	5616.295	5517.224	5390.824	5341.288
20.5	5667.539	5583.841	5479.646	5348.121	5296.877
21.0	5635.085	5551.387	5442.067	5305.418	5250.758
21.5	5604.339	5515.516	5402.781	5261.007	5206.347
22.0	5570.176	5481.354	5361.786	5216.596	5161.936
22.5	5536.014	5445.483	5320.791	5172.184	5114.108
23.0	5503.560	5411.321	5281.504	5124.357	5066.281
23.5	5469.397	5373.742	5238.801	5078.238	5018.454
24.0	5433.527	5336.164	5196.098	5032.119	4968.918
24.5	5397.656	5298.585	5151.687	4984.291	4921.091
25.0	5360.078	5261.007	5108.984	4936.464	4871.555
25.5	5320.791	5220.012	5064.573	4886.929	4818.604
26.0	5283.212	5180.725	5016.746	4837.393	4767.360
26.5	5245.634	5139.730	4972.335	4787.858	4714.409

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CANDELA TABULATION - (Cont.)

27.0	5204.639	5098.735	4924.507	4736.614	4663.165
27.5	5161.936	5056.032	4878.388	4685.371	4611.921
28.0	5122.649	5015.037	4830.561	4632.419	4557.262
28.5	5081.654	4972.335	4784.441	4581.175	4504.310
29.0	5040.659	4929.632	4736.614	4528.224	4453.066
29.5	4992.832	4885.220	4687.079	4475.272	4398.407
30.0	4946.713	4839.101	4637.543	4422.320	4345.455
30.5	4904.010	4794.690	4589.716	4371.077	4290.795
31.0	4859.599	4750.279	4540.180	4318.125	4236.135
31.5	4816.896	4704.160	4490.645	4263.465	4181.475
32.0	4769.068	4658.041	4439.401	4210.513	4128.524
32.5	4724.657	4610.213	4389.866	4155.854	4072.156
33.0	4678.538	4564.094	4336.914	4102.902	4019.204
33.5	4632.419	4516.267	4289.087	4048.242	3961.128
34.0	4588.008	4468.439	4236.135	3995.290	3908.176
34.5	4541.889	4422.320	4184.892	3942.339	3855.225
35.0	4495.769	4372.785	4131.940	3887.679	3800.565
35.5	4447.942	4323.249	4080.696	3836.435	3744.197
36.0	4403.531	4275.422	4029.453	3781.776	3692.953
36.5	4355.704	4225.886	3976.501	3728.824	3638.294
37.0	4306.168	4176.351	3926.966	3675.872	3587.050
37.5	4258.341	4126.816	3875.722	3621.212	3532.390
38.0	4210.513	4075.572	3822.770	3568.261	3477.730
38.5	4160.978	4027.745	3771.527	3515.309	3424.779
39.0	4109.734	3976.501	3720.283	3462.357	3371.827
39.5	4061.907	3926.966	3667.332	3409.406	3318.875
40.0	4012.372	3875.722	3616.088	3359.870	3267.632
40.5	3959.420	3826.187	3563.136	3306.918	3212.972
41.0	3909.884	3774.943	3511.893	3253.967	3156.604
41.5	3860.349	3725.408	3460.649	3201.015	3103.652
42.0	3807.397	3674.164	3409.406	3146.355	3048.992
42.5	3752.738	3621.212	3358.162	3095.112	2996.041
43.0	3701.494	3569.969	3306.918	3038.744	2943.089
43.5	3651.958	3520.433	3255.675	2985.792	2893.554
44.0	3597.299	3469.190	3204.431	2936.257	2842.310
44.5	3546.055	3417.946	3148.063	2885.013	2791.067
45.0	3493.103	3368.411	3096.820	2835.478	2741.531
45.5	3440.152	3315.459	3043.868	2785.942	2690.287
46.0	3388.908	3265.924	2994.333	2736.407	2640.752
46.5	3337.665	3214.680	2944.797	2688.579	2592.925
47.0	3284.713	3163.436	2895.262	2639.044	2543.389
47.5	3231.761	3108.777	2847.434	2591.217	2495.562
48.0	3180.518	3055.825	2799.607	2543.389	2446.026
48.5	3127.566	3006.290	2750.072	2495.562	2398.199
49.0	3071.198	2955.046	2702.244	2447.735	2352.080
49.5	3021.663	2907.219	2656.125	2399.907	2305.961
50.0	2970.419	2857.683	2608.298	2353.788	2259.841
50.5	2922.592	2808.148	2560.470	2307.669	2213.722
51.0	2871.348	2760.320	2512.643	2259.841	2167.603
51.5	2821.813	2710.785	2466.524	2215.430	2123.192
52.0	2773.985	2661.249	2418.697	2169.311	2078.781
52.5	2724.450	2613.422	2372.577	2124.900	2036.078
53.0	2674.914	2565.595	2326.458	2080.489	1993.375
53.5	2625.379	2517.767	2282.047	2036.078	1948.964
54.0	2577.552	2469.940	2234.220	1993.375	1906.261
54.5	2528.016	2423.821	2189.809	1948.964	1863.558

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55.0	2480.189	2375.994	2143.689	1907.969	1820.855
55.5	2430.653	2329.874	2099.278	1863.558	1779.860
56.0	2381.118	2282.047	2054.867	1822.563	1738.865
56.5	2333.291	2235.928	2010.456	1781.568	1700.432
57.0	2283.755	2189.809	1964.337	1740.573	1659.950
57.5	2235.928	2145.398	1921.634	1699.578	1620.493
58.0	2188.100	2099.278	1877.223	1659.267	1581.718
58.5	2140.273	2053.159	1832.812	1619.468	1542.944
59.0	2092.446	2008.748	1790.109	1580.352	1504.511
59.5	2044.618	1964.337	1747.406	1541.236	1467.103
60.0	1998.499	1919.926	1704.361	1501.949	1429.866
60.5	1952.380	1875.515	1662.683	1463.687	1392.629
61.0	1906.261	1832.812	1620.151	1425.767	1356.076
61.5	1861.850	1788.401	1578.814	1387.505	1320.034
62.0	1815.731	1743.990	1537.136	1350.951	1285.189
62.5	1771.319	1701.799	1496.825	1314.227	1249.660
63.0	1726.908	1659.608	1456.684	1277.673	1214.814
63.5	1683.351	1617.418	1416.543	1240.778	1179.627
64.0	1640.990	1575.569	1377.427	1205.249	1145.806
64.5	1597.262	1533.720	1337.970	1169.891	1112.156
65.0	1554.901	1492.725	1299.195	1134.533	1079.360
65.5	1512.881	1451.218	1260.079	1099.858	1045.881
66.0	1471.032	1410.052	1222.330	1066.037	1013.085
66.5	1429.525	1369.399	1184.410	1031.704	979.948
67.0	1387.505	1329.087	1147.002	997.712	948.177
67.5	1345.485	1288.776	1110.107	964.916	916.406
68.0	1305.174	1249.147	1072.870	931.950	884.293
68.5	1264.008	1209.861	1036.487	899.495	853.376
69.0	1223.184	1170.574	1000.445	867.212	822.630
69.5	1183.556	1131.458	965.258	835.270	792.738
70.0	1143.415	1092.513	929.388	804.012	762.504
70.5	1103.787	1054.251	894.200	772.924	733.296
71.0	1064.158	1016.331	860.038	742.690	703.745
71.5	1025.384	978.069	825.876	712.627	675.219
72.0	986.780	940.832	792.055	682.735	646.694
72.5	948.348	903.937	758.405	653.526	619.022
73.0	910.940	867.554	725.438	624.147	591.863
73.5	873.532	830.658	692.984	596.134	564.704
74.0	836.808	794.446	660.871	567.950	537.716
74.5	800.425	758.917	629.100	540.620	512.094
75.0	764.554	723.901	597.500	513.119	486.643
75.5	729.367	689.568	566.925	486.985	461.363
76.0	695.034	655.576	537.033	460.851	436.937
76.5	660.530	621.585	507.141	435.741	413.023
77.0	627.905	588.447	478.444	410.632	389.280
77.5	594.767	555.822	449.919	386.377	366.050
78.0	561.800	523.709	421.735	362.634	344.015
78.5	529.175	491.938	394.746	339.574	321.639
79.0	498.088	461.363	368.270	316.856	300.117
79.5	467.512	430.275	342.478	294.138	279.107
80.0	437.108	400.554	316.856	272.787	258.780
80.5	406.874	371.003	291.918	251.606	238.624
81.0	377.665	342.307	268.004	231.450	219.493
81.5	348.798	314.465	244.603	211.465	200.533
82.0	320.956	286.281	222.397	191.993	181.744
82.5	293.796	259.634	200.533	173.032	163.809

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CANDELA TABULATION - (Cont.)

83.0	266.979	233.329	179.352	154.585	145.532
83.5	240.503	208.220	159.368	136.479	128.109
84.0	215.223	183.623	139.895	118.714	111.199
84.5	190.284	160.392	121.276	101.804	94.971
85.0	166.712	138.016	103.341	85.918	79.086
85.5	143.824	116.494	86.260	69.691	62.005
86.0	122.301	95.996	70.887	52.952	43.215
86.5	100.950	77.549	56.026	33.479	26.647
87.0	81.306	60.126	39.970	21.181	18.960
87.5	63.030	44.753	23.060	16.227	14.861
88.0	46.119	30.575	14.519	12.469	11.615
88.5	31.771	17.081	10.761	9.053	8.028
89.0	19.985	8.541	7.174	5.808	5.124
89.5	9.907	4.612	3.929	2.904	2.562
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-L19-950-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-L19-950-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-L19-950-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2234.01	N.A.	16.50
0-30	4579.33	N.A.	33.70
0-40	7162.85	N.A.	52.80
0-60	11478.76	N.A.	84.50
0-80	13437.23	N.A.	99.00
0-90	13577.85	N.A.	100.00
10-90	12987.19	N.A.	95.60
20-40	4928.83	N.A.	36.30
20-50	7324.61	N.A.	53.90
40-70	5617.3	N.A.	41.40
60-80	1958.47	N.A.	14.40
70-80	657.08	N.A.	4.80
80-90	140.62	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	13577.85	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	590.66
10-20	1643.35
20-30	2345.32
30-40	2583.52
40-50	2395.78
50-60	1920.14
60-70	1301.39
70-80	657.08
80-90	140.62
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-L19-950-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-L19-950-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	21.2	22.8	21.6	23.1	23.4	19.5	21.0	19.9	21.3	21.7
	3H	22.8	24.2	23.2	24.5	24.9	20.8	22.2	21.2	22.5	22.9
	4H	23.4	24.7	23.8	25.0	25.4	21.3	22.6	21.7	22.9	23.3
	6H	23.7	24.9	24.1	25.3	25.7	21.5	22.7	21.9	23.1	23.5
	8H	23.8	25.0	24.3	25.4	25.8	21.6	22.7	22.0	23.1	23.5
	12H	23.9	25.0	24.3	25.4	25.8	21.6	22.7	22.0	23.1	23.5

UGR Viewed Endwise

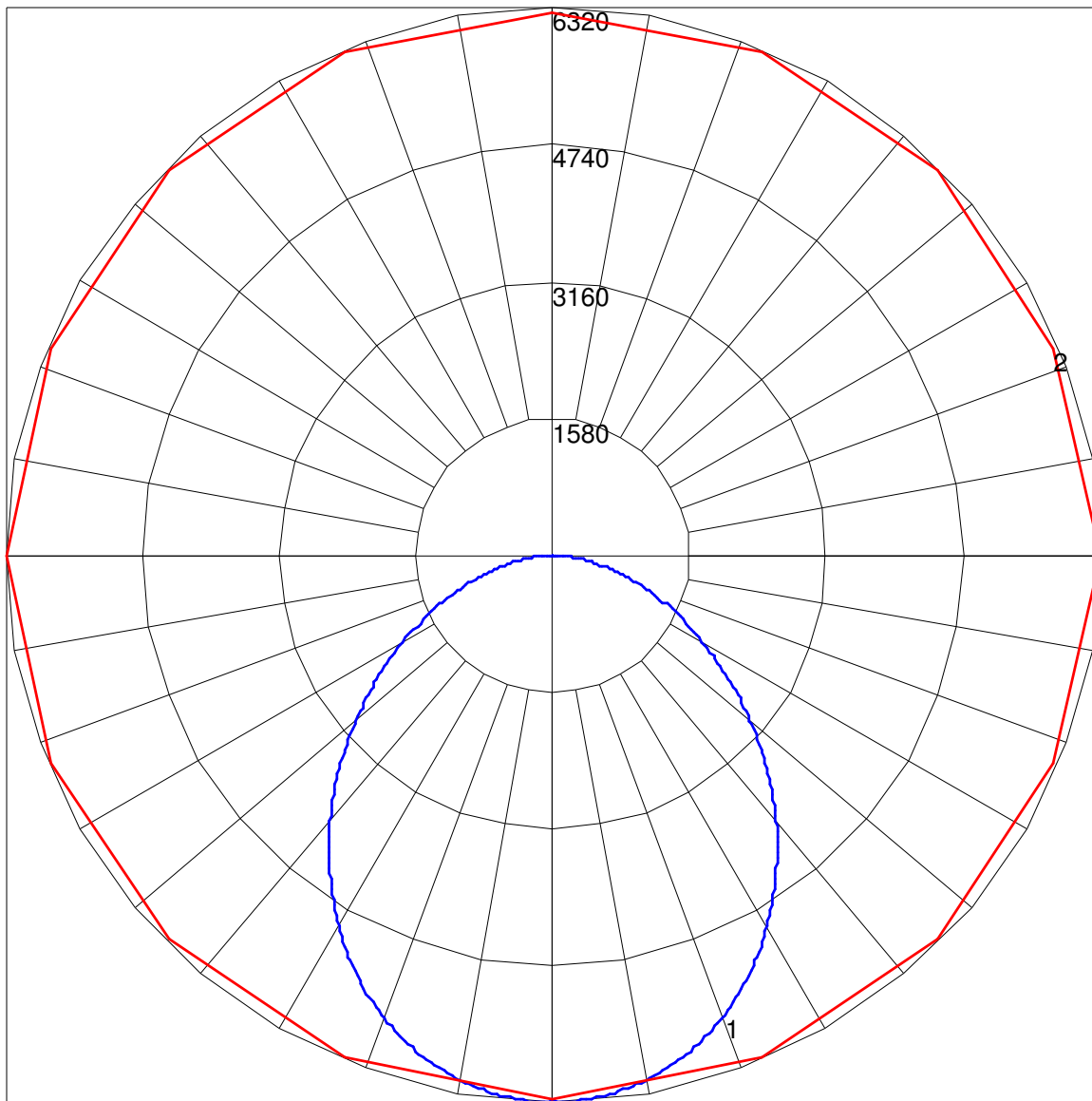
4H	2H	21.6	22.9	22.0	23.2	23.6	20.2	21.5	20.6	21.8	22.2
	3H	23.4	24.5	23.8	24.9	25.3	21.7	22.8	22.1	23.2	23.6
	4H	24.1	25.0	24.5	25.5	25.9	22.2	23.2	22.6	23.6	24.0
	6H	24.6	25.4	25.0	25.9	26.3	22.6	23.4	23.0	23.9	24.3
	8H	24.7	25.5	25.2	26.0	26.4	22.6	23.4	23.1	23.9	24.3
	12H	24.8	25.5	25.3	26.0	26.5	22.7	23.4	23.2	23.9	24.3

8H	4H	24.2	25.0	24.7	25.4	25.9	22.5	23.3	23.0	23.8	24.2
	6H	24.8	25.4	25.3	25.9	26.4	22.9	23.6	23.4	24.1	24.6
	8H	25.0	25.6	25.5	26.1	26.6	23.1	23.7	23.6	24.2	24.7
	12H	25.1	25.6	25.6	26.1	26.7	23.1	23.7	23.6	24.1	24.7

12H	4H	24.2	24.9	24.7	25.4	25.8	22.6	23.3	23.0	23.7	24.2
	6H	24.8	25.4	25.3	25.8	26.4	23.0	23.6	23.5	24.1	24.6
	8H	25.0	25.5	25.5	26.0	26.6	23.2	23.7	23.7	24.2	24.7

Maximum UGR = 26.7

POLAR GRAPH



Maximum Candela = 6320.04 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.)