

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-4-L8-950-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-4-L8-950-DMA-DIM-UNV_

[LUMINAIRE] Nominal 2" x 4' 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	2873
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	93
Total Luminaire Watts	30.8
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)	4.00 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	12270	10623	9267
55	10844	9095	7525
65	9302	7319	5908
75	7463	5218	4054
85	4913	1555	842

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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	1366.394	1366.394	1366.394	1366.394	1366.394
0.5	1368.524	1364.264	1367.672	1366.820	1362.987
1.0	1367.672	1363.838	1367.672	1366.394	1362.561
1.5	1367.246	1362.987	1366.394	1365.116	1361.283
2.0	1366.820	1362.561	1365.968	1364.264	1360.005
2.5	1365.968	1361.709	1364.690	1362.561	1358.727
3.0	1365.116	1360.857	1363.412	1360.857	1356.598
3.5	1363.838	1359.579	1361.283	1358.301	1354.468
4.0	1362.561	1357.875	1359.579	1356.172	1351.486
4.5	1361.283	1356.172	1357.023	1353.190	1348.079
5.0	1360.431	1354.468	1354.894	1349.783	1345.097
5.5	1357.875	1352.338	1351.912	1346.801	1341.690
6.0	1356.172	1350.209	1348.931	1342.968	1337.856
6.5	1354.042	1347.653	1345.949	1338.708	1333.597
7.0	1351.486	1344.671	1342.542	1334.875	1328.486
7.5	1348.931	1342.116	1338.708	1329.764	1323.375
8.0	1346.375	1339.134	1334.875	1325.079	1317.838
8.5	1343.394	1335.727	1330.616	1319.967	1313.152
9.0	1339.986	1332.319	1326.356	1314.430	1307.615
9.5	1337.005	1329.338	1321.671	1308.893	1301.226
10.0	1333.597	1325.504	1316.986	1302.930	1294.837
10.5	1330.616	1321.671	1311.875	1296.541	1288.022
11.0	1326.782	1317.412	1306.337	1290.152	1280.356
11.5	1323.375	1313.578	1300.800	1283.337	1273.967
12.0	1320.819	1309.745	1294.837	1276.522	1266.726
12.5	1315.282	1305.486	1288.874	1268.855	1259.485
13.0	1310.171	1300.374	1282.911	1261.614	1251.392
13.5	1305.912	1294.411	1276.522	1254.374	1243.299
14.0	1300.800	1288.874	1269.707	1246.281	1235.207
14.5	1295.689	1282.911	1262.892	1238.188	1226.688
15.0	1290.578	1277.374	1256.503	1230.095	1217.743
15.5	1285.467	1271.837	1249.688	1221.151	1208.799
16.0	1279.930	1265.874	1242.873	1212.632	1200.280
16.5	1274.818	1259.485	1235.207	1204.113	1190.910
17.0	1268.429	1253.096	1226.688	1194.743	1181.113
17.5	1262.466	1246.707	1218.595	1185.798	1171.743
18.0	1256.929	1239.892	1210.502	1176.428	1161.520
18.5	1250.114	1233.077	1201.984	1166.631	1151.724
19.0	1243.725	1226.262	1193.465	1157.687	1141.927
19.5	1237.762	1219.021	1184.946	1147.464	1130.853
20.0	1230.521	1211.780	1176.428	1137.242	1120.631
20.5	1224.132	1204.965	1167.909	1127.445	1110.408
21.0	1217.317	1197.299	1158.539	1117.649	1099.760
21.5	1210.077	1189.632	1149.168	1107.427	1089.111
22.0	1202.836	1181.965	1140.223	1096.778	1078.463
22.5	1195.595	1173.872	1131.279	1086.130	1067.815
23.0	1187.928	1166.205	1121.482	1075.482	1056.741
23.5	1180.687	1158.113	1111.686	1065.259	1045.666
24.0	1172.168	1149.594	1101.889	1054.185	1035.018
24.5	1164.502	1141.075	1091.667	1043.537	1023.944
25.0	1156.409	1132.557	1082.297	1032.462	1012.869
25.5	1148.316	1124.038	1072.074	1021.388	1001.369
26.0	1140.223	1114.667	1061.852	1010.740	990.295
26.5	1131.705	1106.149	1051.629	999.665	978.795

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CANDELA TABULATION - (Cont.)

27.0	1122.760	1096.778	1041.407	988.591	967.720
27.5	1113.816	1087.834	1030.759	977.517	956.220
28.0	1104.019	1078.463	1020.536	966.443	944.720
28.5	1094.223	1069.093	1010.314	955.794	933.220
29.0	1085.278	1059.722	999.240	944.294	921.720
29.5	1076.333	1049.926	988.591	932.794	909.794
30.0	1066.537	1040.129	978.369	921.720	899.145
30.5	1057.592	1030.759	967.720	910.219	887.645
31.0	1047.796	1020.962	957.072	898.719	876.571
31.5	1038.851	1010.740	945.998	887.645	865.496
32.0	1029.055	1000.517	935.350	876.145	853.996
32.5	1019.258	990.295	924.275	864.219	842.496
33.0	1009.888	980.073	913.627	853.144	831.422
33.5	1000.091	970.276	902.979	842.496	820.348
34.0	989.869	959.628	891.904	830.996	808.847
34.5	980.073	949.405	881.256	819.922	798.199
35.0	969.850	939.183	870.182	808.847	786.273
35.5	960.480	928.535	859.107	797.773	774.773
36.0	950.257	918.312	848.459	786.273	762.421
36.5	940.035	907.664	837.385	774.773	751.772
37.0	930.238	897.016	826.311	762.847	740.698
37.5	919.590	886.367	816.088	751.772	730.050
38.0	908.516	876.145	805.014	741.124	718.975
38.5	898.293	865.071	793.940	730.476	708.327
39.0	888.497	854.422	782.014	719.401	697.679
39.5	877.423	843.774	770.513	708.753	687.030
40.0	867.200	833.126	759.439	698.531	676.382
40.5	856.552	822.477	748.791	687.456	665.734
41.0	845.052	811.829	738.142	677.234	655.085
41.5	834.403	800.755	727.068	666.586	644.863
42.0	823.329	789.680	716.846	656.363	634.215
42.5	812.255	778.180	705.771	645.715	623.992
43.0	801.606	766.254	695.975	635.492	613.344
43.5	790.106	755.606	685.327	625.270	602.696
44.0	778.180	744.957	674.678	615.048	592.047
44.5	765.828	733.883	664.456	604.825	581.399
45.0	755.180	723.235	653.808	594.603	570.325
45.5	744.531	712.586	643.585	584.380	559.676
46.0	733.457	701.938	632.937	573.732	549.454
46.5	722.383	691.290	622.714	563.510	538.806
47.0	711.309	680.641	612.918	552.861	528.583
47.5	700.660	669.993	602.696	542.639	518.361
48.0	689.586	659.345	592.473	531.991	508.138
48.5	678.938	649.122	582.251	521.768	497.916
49.0	668.289	638.474	572.454	511.546	487.694
49.5	657.215	627.826	562.232	501.323	477.897
50.0	646.993	617.603	552.435	491.527	468.527
50.5	636.344	606.955	542.639	481.305	458.730
51.0	625.696	596.733	532.843	471.508	448.934
51.5	615.048	586.510	523.046	461.712	439.563
52.0	604.399	576.288	513.250	451.915	430.193
52.5	594.177	566.065	503.453	442.545	420.737
53.0	583.529	556.269	493.657	432.748	411.239
53.5	572.880	546.046	483.860	423.335	402.635
54.0	562.232	535.824	474.064	413.922	393.307
54.5	552.010	525.602	463.841	404.679	384.362

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CANDELA TABULATION - (Cont.)

55.0	541.361	515.805	454.045	395.266	375.673
55.5	531.139	506.009	444.248	386.194	366.984
56.0	520.490	496.212	434.026	377.079	358.210
56.5	510.268	485.990	424.400	368.219	349.393
57.0	499.620	476.619	414.731	359.275	340.960
57.5	489.823	466.823	405.063	350.543	332.441
58.0	479.601	457.026	395.436	341.854	324.220
58.5	468.953	447.230	386.023	333.250	315.872
59.0	459.156	437.434	376.525	324.774	307.609
59.5	448.934	428.063	367.112	316.298	299.601
60.0	439.137	418.437	357.869	308.078	291.764
60.5	428.915	409.066	348.797	299.729	283.799
61.0	419.033	399.653	339.724	291.466	276.047
61.5	409.152	390.283	330.652	283.373	268.508
62.0	399.312	380.912	321.622	275.621	260.884
62.5	389.686	371.755	312.678	267.742	253.303
63.0	380.060	362.640	303.861	259.905	245.976
63.5	370.647	353.610	295.044	252.195	238.821
64.0	360.936	344.537	286.398	244.613	231.452
64.5	351.480	335.593	277.794	237.074	224.339
65.0	342.152	326.606	269.232	229.663	217.311
65.5	332.782	317.704	260.756	222.252	210.283
66.0	323.582	309.015	252.365	215.054	203.341
66.5	314.467	300.240	244.145	207.770	196.568
67.0	305.224	291.466	235.839	200.657	189.838
67.5	296.151	282.820	227.789	193.629	183.066
68.0	287.249	274.003	219.611	186.644	176.464
68.5	278.305	265.143	211.774	179.829	169.905
69.0	269.445	256.114	203.937	172.972	163.431
69.5	260.629	247.339	196.185	166.284	157.127
70.0	251.769	238.523	188.518	159.682	150.653
70.5	242.995	229.706	180.936	153.123	144.519
71.0	234.263	221.017	173.440	146.606	138.301
71.5	225.787	212.456	166.071	140.260	132.082
72.0	217.439	203.979	158.831	133.871	125.991
72.5	208.878	195.716	151.675	127.652	119.985
73.0	200.572	187.411	144.647	121.476	114.150
73.5	192.224	179.148	137.747	115.343	108.230
74.0	184.174	171.183	130.932	109.465	102.565
74.5	176.081	163.218	124.245	103.459	96.900
75.0	168.116	155.295	117.558	97.624	91.320
75.5	160.194	147.628	111.083	91.874	85.953
76.0	152.569	139.962	104.737	86.337	80.587
76.5	144.988	132.550	98.433	80.885	75.433
77.0	137.491	125.054	92.300	75.475	70.492
77.5	130.165	117.771	86.251	70.279	65.551
78.0	122.882	110.615	80.288	65.210	60.738
78.5	115.811	103.587	74.368	60.270	56.053
79.0	108.826	96.644	68.660	55.414	51.453
79.5	102.096	89.787	63.123	50.729	46.895
80.0	95.452	83.100	57.757	46.171	42.508
80.5	88.935	76.540	52.560	41.614	38.121
81.0	82.503	70.066	47.619	37.184	33.862
81.5	76.242	63.805	42.764	32.797	29.517
82.0	70.151	57.757	38.164	28.580	25.215
82.5	64.231	51.879	33.649	24.236	20.658

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CANDELA TABULATION - (Cont.)

83.0	58.481	46.171	29.219	19.806	15.760
83.5	52.901	40.634	24.960	14.908	10.521
84.0	47.492	35.395	20.786	9.924	8.135
84.5	42.295	30.369	16.569	7.582	7.198
85.0	37.269	25.599	11.798	6.645	6.389
85.5	32.456	21.126	7.156	5.835	5.622
86.0	27.813	16.867	5.622	5.026	4.856
86.5	23.299	12.863	4.770	4.259	4.089
87.0	19.082	8.945	3.961	3.535	3.365
87.5	15.035	4.728	3.152	2.769	2.683
88.0	11.245	2.982	2.428	2.087	1.959
88.5	7.752	2.215	1.704	1.448	1.363
89.0	4.728	1.448	1.022	0.852	0.809
89.5	2.130	0.767	0.511	0.426	0.341
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-4-L8-950-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 : LRX2X-4-L8-950-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 : LRX2X-4-L8-950-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	480.52	N.A.	16.70
0-30	978.21	N.A.	34.10
0-40	1524.26	N.A.	53.10
0-60	2440.48	N.A.	85.00
0-80	2848.48	N.A.	99.20
0-90	2872.77	N.A.	100.00
10-90	2744.84	N.A.	95.50
20-40	1043.75	N.A.	36.30
20-50	1551.88	N.A.	54.00
40-70	1190.52	N.A.	41.40
60-80	408.00	N.A.	14.20
70-80	133.70	N.A.	4.70
80-90	24.29	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	2872.77	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	127.93
10-20	352.59
20-30	497.69
30-40	546.05
40-50	508.14
50-60	408.08
60-70	274.30
70-80	133.70
80-90	24.29
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-4-L8-950-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	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-4-L8-950-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	20.3	21.8	20.7	22.2	22.5	18.2	19.7	18.6	20.0	20.3
	3H	21.9	23.3	22.3	23.6	24.0	19.4	20.8	19.8	21.2	21.5
	4H	22.5	23.8	22.9	24.1	24.5	19.8	21.1	20.2	21.5	21.8
	6H	22.8	24.0	23.2	24.4	24.8	20.0	21.2	20.4	21.6	22.0
	8H	22.9	24.1	23.4	24.5	24.9	20.0	21.2	20.5	21.5	21.9
	12H	23.0	24.1	23.4	24.5	24.9	20.0	21.1	20.4	21.5	21.9

UGR Viewed Endwise

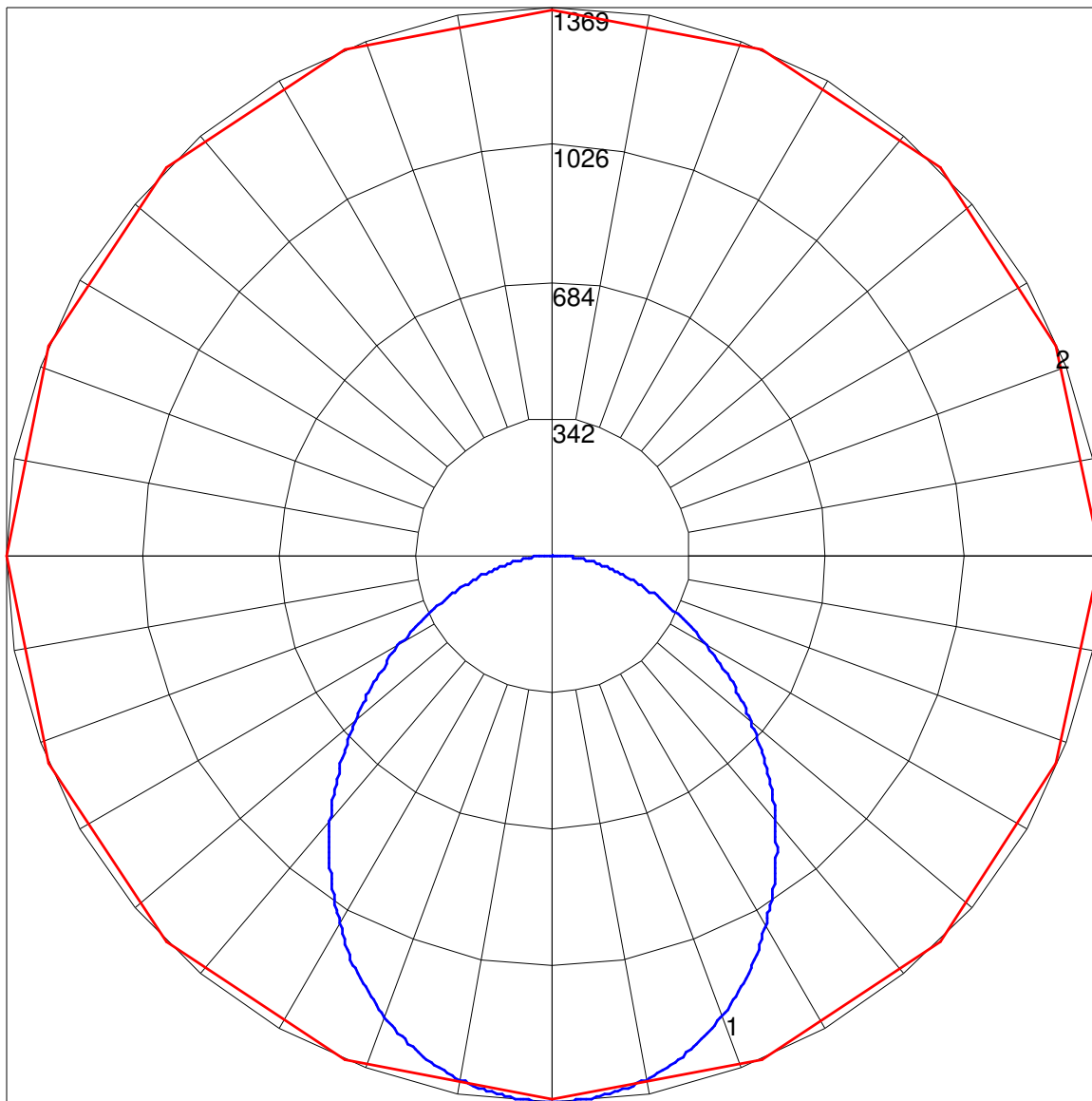
4H	2H	20.6	21.9	21.0	22.3	22.6	18.9	20.2	19.3	20.5	20.9
	3H	22.5	23.5	22.9	23.9	24.3	20.3	21.4	20.7	21.8	22.2
	4H	23.1	24.1	23.6	24.5	25.0	20.8	21.7	21.2	22.2	22.6
	6H	23.6	24.5	24.1	24.9	25.4	21.0	21.9	21.5	22.3	22.8
	8H	23.8	24.5	24.2	25.0	25.5	21.0	21.8	21.5	22.3	22.7
	12H	23.8	24.6	24.3	25.0	25.5	21.0	21.7	21.5	22.2	22.7

8H	4H	23.2	24.0	23.7	24.4	24.9	21.1	21.9	21.5	22.3	22.8
	6H	23.8	24.4	24.3	24.9	25.4	21.4	22.0	21.9	22.5	23.0
	8H	24.0	24.6	24.5	25.1	25.6	21.4	22.0	21.9	22.5	23.0
	12H	24.1	24.6	24.6	25.1	25.7	21.4	21.9	21.9	22.4	23.0

12H	4H	23.2	23.9	23.7	24.4	24.9	21.1	21.8	21.6	22.3	22.8
	6H	23.8	24.4	24.3	24.8	25.4	21.4	22.0	22.0	22.5	23.0
	8H	24.0	24.5	24.5	25.0	25.6	21.5	22.0	22.0	22.5	23.1

Maximum UGR = 25.7

POLAR GRAPH



Maximum Candela = 1368.524 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.)