

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-8-L4-940-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-L4-940-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	2910
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	91
Total Luminaire Watts	32
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	6215	5381	4694
55	5492	4606	3811
65	4711	3707	2992
75	3780	2643	2053
85	2488	788	427

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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	1384.144	1384.144	1384.144	1384.144	1384.144
0.5	1386.301	1381.987	1385.438	1384.575	1380.692
1.0	1385.438	1381.555	1385.438	1384.144	1380.261
1.5	1385.007	1380.692	1384.144	1382.850	1378.966
2.0	1384.575	1380.261	1383.712	1381.987	1377.672
2.5	1383.712	1379.398	1382.418	1380.261	1376.378
3.0	1382.850	1378.535	1381.124	1378.535	1374.220
3.5	1381.555	1377.240	1378.966	1375.946	1372.063
4.0	1380.261	1375.515	1377.240	1373.789	1369.043
4.5	1378.966	1373.789	1374.652	1370.768	1365.591
5.0	1378.103	1372.063	1372.494	1367.317	1362.571
5.5	1375.515	1369.906	1369.474	1364.296	1359.119
6.0	1373.789	1367.748	1366.454	1360.413	1355.236
6.5	1371.631	1365.159	1363.434	1356.099	1350.921
7.0	1369.043	1362.139	1359.982	1352.215	1345.743
7.5	1366.454	1359.550	1356.099	1347.038	1340.566
8.0	1363.865	1356.530	1352.215	1342.292	1334.957
8.5	1360.845	1353.078	1347.901	1337.114	1330.211
9.0	1357.393	1349.627	1343.586	1331.505	1324.602
9.5	1354.373	1346.606	1338.840	1325.896	1318.130
10.0	1350.921	1342.723	1334.094	1319.855	1311.658
10.5	1347.901	1338.840	1328.916	1313.383	1304.754
11.0	1344.018	1334.525	1323.307	1306.911	1296.988
11.5	1340.566	1330.642	1317.698	1300.008	1290.516
12.0	1337.977	1326.759	1311.658	1293.105	1283.181
12.5	1332.368	1322.444	1305.617	1285.338	1275.846
13.0	1327.190	1317.267	1299.577	1278.003	1267.648
13.5	1322.876	1311.226	1293.105	1270.668	1259.450
14.0	1317.698	1305.617	1286.201	1262.470	1251.252
14.5	1312.521	1299.577	1279.298	1254.273	1242.623
15.0	1307.343	1293.967	1272.826	1246.075	1233.562
15.5	1302.165	1288.358	1265.922	1237.014	1224.501
16.0	1296.556	1282.318	1259.019	1228.385	1215.872
16.5	1291.379	1275.846	1251.252	1219.755	1206.380
17.0	1284.907	1269.374	1242.623	1210.263	1196.456
17.5	1278.866	1262.902	1234.425	1201.202	1186.964
18.0	1273.257	1255.998	1226.227	1191.710	1176.609
18.5	1266.354	1249.095	1217.598	1181.786	1166.685
19.0	1259.882	1242.192	1208.969	1172.725	1156.761
19.5	1253.841	1234.857	1200.339	1162.370	1145.543
20.0	1246.506	1227.522	1191.710	1152.015	1135.188
20.5	1240.034	1220.618	1183.081	1142.091	1124.833
21.0	1233.131	1212.852	1173.588	1132.168	1114.046
21.5	1225.796	1205.085	1164.096	1121.812	1103.259
22.0	1218.461	1197.319	1155.035	1111.026	1092.473
22.5	1211.126	1189.121	1145.975	1100.239	1081.686
23.0	1203.360	1181.355	1136.051	1089.452	1070.468
23.5	1196.025	1173.157	1126.127	1079.097	1059.250
24.0	1187.395	1164.528	1116.203	1067.879	1048.463
24.5	1179.629	1155.898	1105.848	1057.092	1037.245
25.0	1171.431	1147.269	1096.356	1045.874	1026.027
25.5	1163.233	1138.640	1086.001	1034.656	1014.377
26.0	1155.035	1129.147	1075.646	1023.870	1003.159
26.5	1146.406	1120.518	1065.290	1012.651	991.510

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CANDELA TABULATION - (Cont.)

27.0	1137.345	1111.026	1054.935	1001.433	980.291
27.5	1128.284	1101.965	1044.148	990.215	968.642
28.0	1118.361	1092.473	1033.793	978.997	956.992
28.5	1108.437	1082.980	1023.438	968.210	945.343
29.0	1099.376	1073.488	1012.220	956.561	933.693
29.5	1090.315	1063.564	1001.433	944.911	921.612
30.0	1080.392	1053.641	991.078	933.693	910.825
30.5	1071.331	1044.148	980.291	922.044	899.176
31.0	1061.407	1034.225	969.505	910.394	887.958
31.5	1052.346	1023.870	958.287	899.176	876.740
32.0	1042.423	1013.514	947.500	887.526	865.090
32.5	1032.499	1003.159	936.282	875.445	853.440
33.0	1023.007	992.804	925.495	864.227	842.222
33.5	1013.083	982.880	914.709	853.440	831.004
34.0	1002.728	972.094	903.490	841.791	819.355
34.5	992.804	961.738	892.704	830.573	808.568
35.0	982.449	951.383	881.486	819.355	796.487
35.5	972.957	940.597	870.268	808.136	784.837
36.0	962.601	930.241	859.481	796.487	772.325
36.5	952.246	919.455	848.263	784.837	761.538
37.0	942.322	908.668	837.045	772.756	750.320
37.5	931.536	897.881	826.689	761.538	739.533
38.0	920.318	887.526	815.471	750.751	728.315
38.5	909.962	876.308	804.253	739.965	717.528
39.0	900.039	865.521	792.172	728.747	706.742
39.5	888.821	854.735	780.523	717.960	695.955
40.0	878.465	843.948	769.304	707.605	685.169
40.5	867.679	833.161	758.518	696.387	674.382
41.0	856.029	822.375	747.731	686.031	663.595
41.5	845.243	811.157	736.513	675.245	653.240
42.0	834.024	799.939	726.158	664.890	642.453
42.5	822.806	788.289	714.940	654.103	632.098
43.0	812.020	776.208	705.016	643.748	621.311
43.5	800.370	765.421	694.229	633.393	610.525
44.0	788.289	754.635	683.443	623.037	599.738
44.5	775.776	743.416	673.087	612.682	588.952
45.0	764.990	732.630	662.301	602.327	577.733
45.5	754.203	721.843	651.946	591.972	566.947
46.0	742.985	711.056	641.159	581.185	556.592
46.5	731.767	700.270	630.804	570.830	545.805
47.0	720.549	689.483	620.880	560.043	535.450
47.5	709.762	678.697	610.525	549.688	525.095
48.0	698.544	667.910	600.170	538.901	514.739
48.5	687.757	657.555	589.814	528.546	504.384
49.0	676.971	646.768	579.891	518.191	494.029
49.5	665.753	635.981	569.536	507.836	484.105
50.0	655.397	625.626	559.612	497.912	474.613
50.5	644.611	614.839	549.688	487.557	464.689
51.0	633.824	604.484	539.764	477.633	454.765
51.5	623.037	594.129	529.841	467.709	445.273
52.0	612.251	583.774	519.917	457.786	435.781
52.5	601.896	573.419	509.993	448.293	426.202
53.0	591.109	563.495	500.069	438.370	416.581
53.5	580.322	553.140	490.146	428.834	407.865
54.0	569.536	542.785	480.222	419.299	398.416
54.5	559.180	532.429	469.867	409.936	389.355

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CANDELA TABULATION - (Cont.)

55.0	548.394	522.506	459.943	400.401	380.553
55.5	538.038	512.582	450.019	391.211	371.751
56.0	527.252	502.658	439.664	381.977	362.863
56.5	516.897	492.303	429.913	373.003	353.932
57.0	506.110	482.811	420.119	363.942	345.389
57.5	496.186	472.887	410.324	355.097	336.759
58.0	485.831	462.963	400.573	346.295	328.432
58.5	475.044	453.040	391.038	337.579	319.975
59.0	465.121	443.116	381.416	328.993	311.605
59.5	454.765	433.624	371.881	320.407	303.493
60.0	444.842	423.873	362.518	312.080	295.554
60.5	434.487	414.380	353.328	303.623	287.486
61.0	424.477	404.845	344.138	295.252	279.633
61.5	414.467	395.353	334.947	287.055	271.996
62.0	404.500	385.860	325.800	279.202	264.273
62.5	394.749	376.584	316.739	271.220	256.593
63.0	384.997	367.350	307.808	263.281	249.172
63.5	375.462	358.203	298.877	255.471	241.923
64.0	365.625	349.013	290.118	247.791	234.459
64.5	356.046	339.952	281.402	240.154	227.253
65.0	346.597	330.848	272.730	232.647	220.134
65.5	337.105	321.831	264.144	225.139	213.015
66.0	327.785	313.029	255.644	217.847	205.982
66.5	318.552	304.141	247.316	210.469	199.122
67.0	309.189	295.252	238.903	203.264	192.305
67.5	299.999	286.494	230.748	196.145	185.444
68.0	290.981	277.562	222.464	189.069	178.756
68.5	281.920	268.588	214.525	182.165	172.112
69.0	272.946	259.441	206.586	175.218	165.554
69.5	264.014	250.552	198.733	168.444	159.168
70.0	255.040	241.621	190.967	161.757	152.610
70.5	246.152	232.690	183.287	155.112	146.397
71.0	237.306	223.888	175.693	148.511	140.097
71.5	228.720	215.215	168.229	142.082	133.798
72.0	220.264	206.629	160.894	135.610	127.628
72.5	211.591	198.259	153.645	129.310	121.544
73.0	203.177	189.845	146.526	123.054	115.633
73.5	194.721	181.475	139.536	116.841	109.636
74.0	186.566	173.406	132.633	110.887	103.897
74.5	178.368	165.338	125.859	104.803	98.159
75.0	170.300	157.313	119.085	98.892	92.506
75.5	162.274	149.546	112.526	93.067	87.070
76.0	154.551	141.780	106.098	87.458	81.633
76.5	146.871	134.272	99.712	81.935	76.413
77.0	139.277	126.679	93.499	76.456	71.408
77.5	131.856	119.300	87.372	71.192	66.403
78.0	124.478	112.052	81.331	66.057	61.527
78.5	117.316	104.933	75.334	61.052	56.781
79.0	110.240	97.900	69.552	56.134	52.121
79.5	103.422	90.953	63.943	51.388	47.504
80.0	96.692	84.179	58.507	46.771	43.060
80.5	90.090	77.534	53.243	42.154	38.616
81.0	83.575	70.976	48.238	37.667	34.302
81.5	77.232	64.634	43.319	33.223	29.901
82.0	71.063	58.507	38.659	28.951	25.543
82.5	65.065	52.553	34.086	24.550	20.926

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CANDELA TABULATION - (Cont.)

83.0	59.240	46.771	29.599	20.063	15.964
83.5	53.588	41.162	25.284	15.101	10.657
84.0	48.108	35.855	21.056	10.053	8.241
84.5	42.845	30.764	16.784	7.680	7.292
85.0	37.753	25.931	11.952	6.731	6.472
85.5	32.878	21.401	7.249	5.911	5.695
86.0	28.175	17.086	5.695	5.091	4.919
86.5	23.601	13.030	4.832	4.315	4.142
87.0	19.330	9.061	4.013	3.581	3.409
87.5	15.231	4.789	3.193	2.805	2.718
88.0	11.391	3.020	2.459	2.114	1.985
88.5	7.853	2.244	1.726	1.467	1.381
89.0	4.789	1.467	1.036	0.863	0.820
89.5	2.157	0.777	0.518	0.431	0.345
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-L4-940-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-L4-940-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-L4-940-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	486.76	N.A.	16.70
0-30	990.92	N.A.	34.10
0-40	1544.06	N.A.	53.10
0-60	2472.18	N.A.	85.00
0-80	2885.48	N.A.	99.20
0-90	2910.09	N.A.	100.00
10-90	2780.5	N.A.	95.50
20-40	1057.3	N.A.	36.30
20-50	1572.04	N.A.	54.00
40-70	1205.98	N.A.	41.40
60-80	413.30	N.A.	14.20
70-80	135.43	N.A.	4.70
80-90	24.61	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	2910.09	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	129.59
10-20	357.17
20-30	504.16
30-40	553.15
40-50	514.74
50-60	413.38
60-70	277.86
70-80	135.43
80-90	24.61
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-L4-940-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	99	107	104	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-L4-940-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

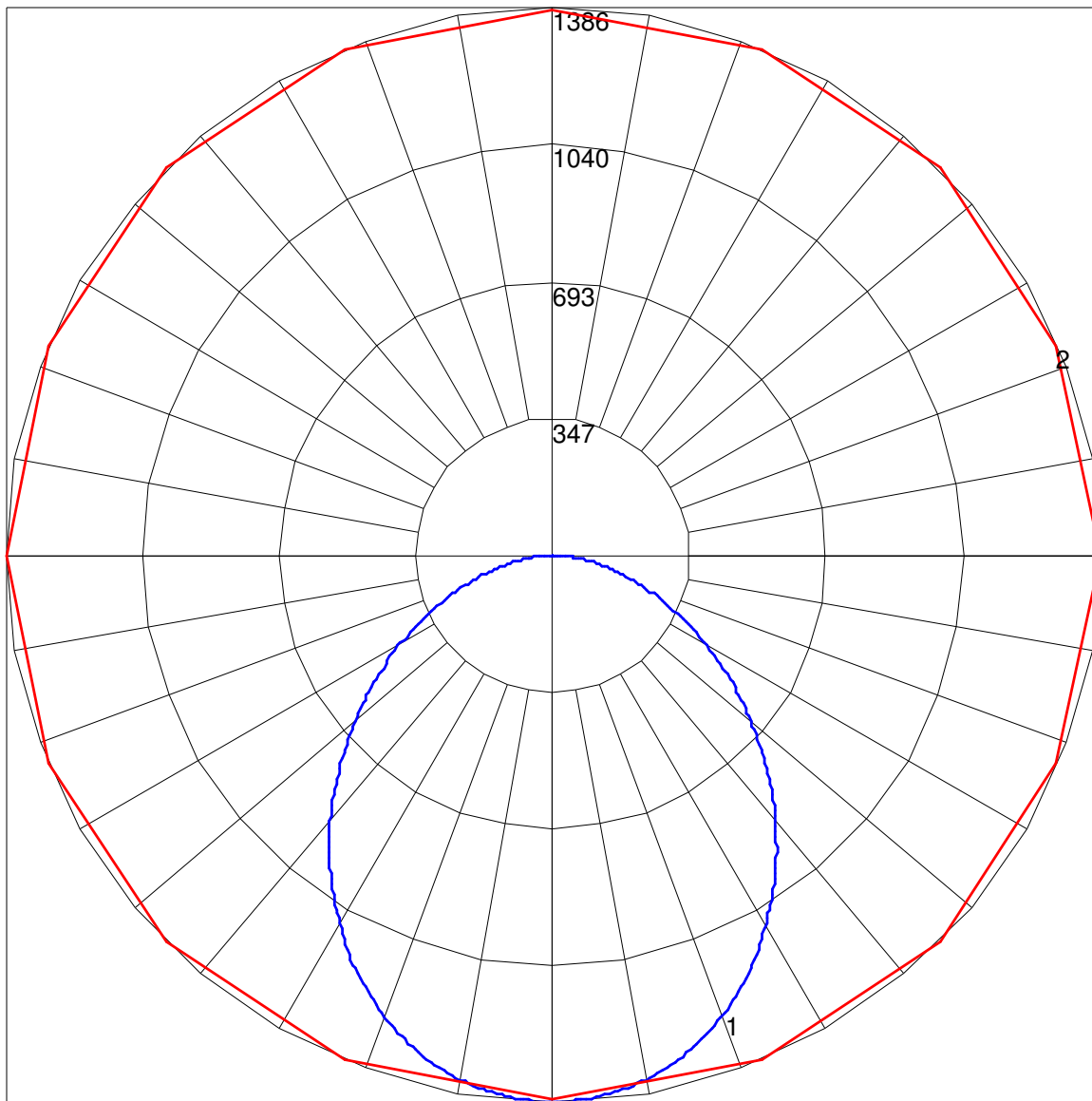
Reflectances

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	17.9	19.4	18.3	19.8	20.1	15.8	17.3	16.1	17.6	17.9
	3H	19.5	20.9	19.9	21.2	21.6	17.0	18.4	17.4	18.7	19.1
	4H	20.1	21.3	20.5	21.7	22.1	17.4	18.7	17.8	19.1	19.4
	6H	20.4	21.6	20.8	22.0	22.4	17.6	18.8	18.0	19.2	19.5
	8H	20.5	21.7	21.0	22.1	22.5	17.6	18.7	18.0	19.1	19.5
	12H	20.6	21.7	21.0	22.1	22.5	17.6	18.7	18.0	19.1	19.5
4H	2H	18.2	19.5	18.6	19.9	20.2	16.5	17.8	16.9	18.1	18.5
	3H	20.0	21.1	20.5	21.5	21.9	17.9	19.0	18.3	19.4	19.8
	4H	20.7	21.7	21.2	22.1	22.5	18.4	19.3	18.8	19.8	20.2
	6H	21.2	22.1	21.7	22.5	23.0	18.6	19.5	19.1	19.9	20.4
	8H	21.3	22.1	21.8	22.6	23.0	18.6	19.4	19.1	19.9	20.3
	12H	21.4	22.1	21.9	22.6	23.1	18.6	19.3	19.1	19.8	20.3
8H	4H	20.8	21.6	21.3	22.0	22.5	18.7	19.4	19.1	19.9	20.4
	6H	21.4	22.0	21.9	22.5	23.0	19.0	19.6	19.5	20.1	20.6
	8H	21.6	22.1	22.1	22.7	23.1	19.0	19.6	19.5	20.1	20.6
	12H	21.7	22.2	22.2	22.7	23.3	19.0	19.5	19.5	20.0	20.6
12H	4H	20.8	21.5	21.3	22.0	22.4	18.7	19.4	19.2	19.9	20.3
	6H	21.4	22.0	21.9	22.4	23.0	19.0	19.6	19.5	20.1	20.6
	8H	21.6	22.1	22.1	22.6	23.1	19.1	19.6	19.6	20.1	20.6

Maximum UGR = 23.3

POLAR GRAPH



Maximum Candela = 1386.301 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.)