

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-4-L8-950-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.02

[TESTLAB] UL, LLC

[ISSUEDATE] 2026-05-13

[TESTDATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX4x-4-L8-950-DMA-DIM-UNV_

[LUMINAIRE] Nominal 4" x 4' 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	2916
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	112
Total Luminaire Watts	26
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)	4.00 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	7112	6305	5582
55	6225	5381	4570
65	5297	4426	3677
75	4253	3324	2707
85	2754	1707	1306

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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	1350.533	1350.533	1350.533	1350.533	1350.533
0.5	1357.135	1347.599	1350.900	1349.799	1349.066
1.0	1356.768	1347.232	1350.533	1349.433	1348.699
1.5	1356.402	1346.498	1350.166	1348.699	1347.965
2.0	1355.668	1346.131	1349.066	1347.232	1347.599
2.5	1355.301	1345.398	1348.332	1346.498	1346.131
3.0	1354.201	1344.297	1347.232	1344.664	1344.297
3.5	1353.467	1343.197	1345.765	1343.197	1342.463
4.0	1351.633	1341.730	1344.297	1341.363	1340.263
4.5	1350.900	1340.263	1342.463	1339.162	1337.695
5.0	1349.066	1338.796	1340.263	1336.962	1335.494
5.5	1348.332	1336.595	1338.062	1334.027	1332.193
6.0	1345.031	1334.761	1335.494	1331.093	1329.259
6.5	1343.197	1332.927	1332.560	1327.792	1325.591
7.0	1340.996	1330.359	1329.993	1324.491	1322.290
7.5	1338.796	1327.792	1326.691	1320.823	1318.255
8.0	1336.228	1324.857	1323.757	1316.788	1313.854
8.5	1333.660	1322.290	1320.456	1312.386	1309.452
9.0	1330.726	1319.356	1316.421	1307.985	1305.051
9.5	1327.425	1315.688	1312.753	1303.217	1299.915
10.0	1324.857	1312.386	1308.352	1298.815	1295.147
10.5	1320.823	1308.719	1304.317	1294.047	1290.012
11.0	1317.155	1305.051	1299.549	1288.545	1284.877
11.5	1313.487	1301.016	1294.780	1283.043	1278.641
12.0	1309.452	1296.981	1290.012	1277.174	1272.773
12.5	1304.684	1292.213	1284.877	1271.306	1266.170
13.0	1300.649	1287.811	1279.375	1265.070	1259.935
13.5	1296.614	1283.043	1273.873	1258.835	1253.700
14.0	1291.479	1278.275	1268.371	1251.866	1246.364
14.5	1287.078	1272.773	1262.136	1245.263	1239.395
15.0	1281.943	1267.638	1255.900	1238.294	1232.059
15.5	1276.807	1262.136	1249.665	1230.958	1224.723
16.0	1271.306	1256.634	1243.063	1223.622	1216.653
16.5	1266.170	1251.132	1236.460	1215.920	1208.951
17.0	1260.302	1244.896	1229.491	1208.217	1200.514
17.5	1254.800	1238.661	1222.889	1200.148	1192.078
18.0	1248.564	1232.792	1215.553	1192.078	1183.642
18.5	1243.063	1226.190	1208.217	1183.642	1174.472
19.0	1236.460	1219.588	1200.514	1174.839	1165.302
19.5	1230.225	1212.985	1192.812	1166.403	1156.132
20.0	1223.622	1206.016	1184.742	1157.600	1146.963
20.5	1217.020	1199.047	1176.673	1148.430	1137.426
21.0	1210.051	1192.078	1168.603	1139.260	1127.523
21.5	1203.449	1184.376	1160.167	1129.723	1117.986
22.0	1196.113	1177.040	1151.364	1120.187	1108.449
22.5	1188.777	1169.337	1142.561	1110.650	1098.179
23.0	1181.808	1162.001	1134.125	1100.380	1087.909
23.5	1174.472	1153.932	1124.955	1090.476	1077.639
24.0	1166.770	1145.862	1115.785	1080.573	1067.002
24.5	1159.067	1137.793	1106.249	1070.303	1056.732
25.0	1150.997	1129.723	1097.079	1060.033	1046.095
25.5	1142.561	1120.920	1087.542	1049.396	1034.724
26.0	1134.492	1112.484	1077.272	1038.759	1023.720
26.5	1126.422	1103.681	1067.735	1028.122	1012.350

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CANDELA TABULATION - (Cont.)

27.0	1117.619	1094.878	1057.465	1017.118	1001.346
27.5	1108.449	1085.708	1047.562	1006.114	990.342
28.0	1100.013	1076.905	1037.291	994.743	978.605
28.5	1091.210	1067.735	1027.388	983.740	967.234
29.0	1082.407	1058.565	1017.118	972.369	956.230
29.5	1072.137	1049.029	1006.481	960.998	944.493
30.0	1062.233	1039.125	995.844	949.628	933.122
30.5	1053.064	1029.589	985.574	938.624	921.385
31.0	1043.527	1020.052	974.937	927.253	909.647
31.5	1034.357	1010.149	964.300	915.516	897.910
32.0	1024.087	1000.245	953.296	904.145	886.539
32.5	1014.550	989.975	942.659	892.408	874.435
33.0	1004.647	980.072	931.288	881.038	863.065
33.5	994.743	969.801	921.018	869.300	850.594
34.0	985.207	959.531	909.647	857.930	839.223
34.5	975.303	949.628	898.644	846.559	827.852
35.0	965.400	938.991	887.273	834.822	816.115
35.5	955.130	928.354	876.269	823.818	804.011
36.0	945.593	918.084	865.265	812.080	793.007
36.5	935.323	907.447	853.895	800.710	781.270
37.0	924.686	896.810	843.258	789.339	770.266
37.5	914.416	886.173	832.254	777.602	758.529
38.0	904.145	875.169	820.883	766.231	746.791
38.5	893.508	864.899	809.880	754.861	735.421
39.0	882.505	853.895	798.876	743.490	724.050
39.5	872.234	843.258	787.505	732.119	712.679
40.0	861.597	832.254	776.501	721.482	701.676
40.5	850.227	821.617	765.131	710.112	689.938
41.0	839.590	810.613	754.127	698.741	677.834
41.5	828.953	799.976	743.123	687.371	666.463
42.0	817.582	788.972	732.119	675.633	654.726
42.5	805.845	777.602	721.116	664.629	643.355
43.0	794.841	766.598	710.112	652.525	631.985
43.5	784.204	755.961	699.108	641.155	621.348
44.0	772.467	744.957	688.104	630.518	610.344
44.5	761.463	733.953	676.000	619.514	599.340
45.0	750.092	723.316	664.996	608.877	588.703
45.5	738.722	711.946	653.626	598.240	577.699
46.0	727.718	701.309	642.989	587.603	567.062
46.5	716.714	690.305	632.352	577.333	556.792
47.0	705.344	679.301	621.715	566.696	546.155
47.5	693.973	667.564	611.444	556.425	535.885
48.0	682.969	656.193	601.174	546.155	525.248
48.5	671.599	645.556	590.537	535.885	514.978
49.0	659.494	634.552	580.267	525.615	505.074
49.5	648.857	624.282	570.364	515.345	495.171
50.0	637.854	613.645	560.093	505.441	485.268
50.5	627.583	603.008	549.823	495.538	475.364
51.0	616.580	592.738	539.553	485.268	465.461
51.5	605.943	582.101	529.650	475.731	455.924
52.0	595.672	571.464	519.379	465.827	446.387
52.5	585.035	561.194	509.476	456.291	437.218
53.0	574.398	550.924	499.572	446.754	428.048
53.5	563.761	540.653	490.036	437.218	418.511
54.0	553.491	530.383	479.766	428.048	409.341
54.5	542.854	520.480	470.229	418.511	400.171

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CANDELA TABULATION - (Cont.)

55.0	532.584	510.209	460.326	409.708	391.002
55.5	521.947	500.306	450.789	400.171	382.199
56.0	511.310	490.036	441.252	391.368	373.396
56.5	501.040	480.132	431.716	382.565	365.143
57.0	490.403	470.229	421.812	373.762	356.450
57.5	480.132	460.692	412.642	364.959	347.977
58.0	469.862	450.789	403.106	356.303	339.651
58.5	459.592	440.886	393.569	347.757	331.324
59.0	449.322	431.349	384.399	339.357	323.072
59.5	439.052	421.812	375.230	330.958	315.039
60.0	429.148	412.276	365.986	322.521	307.043
60.5	419.245	402.739	357.037	314.305	299.047
61.0	409.341	393.569	347.903	306.162	291.197
61.5	399.805	384.033	339.027	297.946	283.458
62.0	389.901	374.496	330.077	290.097	275.975
62.5	380.365	365.436	321.421	282.211	268.346
63.0	370.828	356.376	312.801	274.361	260.863
63.5	361.475	347.317	304.182	266.439	253.307
64.0	352.378	338.330	295.782	258.809	246.045
64.5	342.988	329.344	287.309	251.217	238.819
65.0	333.892	320.541	278.983	243.624	231.777
65.5	324.869	311.628	270.583	236.178	224.588
66.0	315.882	302.788	262.477	228.916	217.545
66.5	306.969	294.058	254.334	221.543	210.429
67.0	297.946	285.402	246.302	214.244	203.607
67.5	288.923	276.746	238.379	207.202	196.785
68.0	280.267	268.236	230.383	200.122	189.889
68.5	271.427	259.800	222.570	193.153	183.250
69.0	262.661	251.363	214.831	186.221	176.648
69.5	254.151	242.964	207.275	179.362	170.229
70.0	245.531	234.601	199.572	172.650	163.737
70.5	237.022	226.385	192.016	165.974	157.464
71.0	228.512	218.242	184.680	159.482	151.119
71.5	220.186	210.026	177.345	153.026	144.993
72.0	211.896	202.030	170.082	146.607	138.868
72.5	203.644	194.107	162.856	140.335	132.926
73.0	195.611	186.294	155.777	134.026	127.094
73.5	187.578	178.372	148.808	128.011	121.262
74.0	179.692	170.596	141.912	121.959	115.467
74.5	171.879	162.966	135.090	116.090	109.965
75.0	164.177	155.447	128.304	110.185	104.499
75.5	156.621	148.074	121.739	104.573	99.071
76.0	149.248	140.775	115.320	98.961	93.826
76.5	141.839	133.476	108.901	93.569	88.691
77.0	134.833	126.360	102.739	88.177	83.592
77.5	127.717	119.355	96.613	82.969	78.604
78.0	120.638	112.459	90.561	77.870	73.872
78.5	113.633	105.636	84.766	72.919	69.067
79.0	106.957	99.071	79.081	68.040	64.446
79.5	100.391	92.395	73.542	63.162	59.934
80.0	93.862	86.013	68.040	58.577	55.569
80.5	87.370	79.668	62.685	54.029	51.241
81.0	81.098	73.505	57.550	49.700	47.133
81.5	74.899	67.527	52.525	45.409	43.062
82.0	68.920	61.475	47.756	41.228	39.027
82.5	63.088	55.753	43.062	37.156	35.175

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CANDELA TABULATION - (Cont.)

83.0	57.330	50.104	38.513	33.195	31.251
83.5	51.644	44.712	34.222	29.307	27.509
84.0	46.216	39.430	30.040	25.492	23.878
84.5	40.861	34.442	26.042	21.861	20.394
85.0	35.799	29.637	22.191	18.450	16.983
85.5	30.884	25.015	18.523	14.965	13.315
86.0	26.262	20.614	15.222	11.371	9.280
86.5	21.677	16.652	12.031	7.189	5.722
87.0	17.459	12.911	8.583	4.548	4.071
87.5	13.535	9.610	4.952	3.485	3.191
88.0	9.903	6.566	3.118	2.678	2.494
88.5	6.822	3.668	2.311	1.944	1.724
89.0	4.291	1.834	1.541	1.247	1.100
89.5	2.127	0.990	0.844	0.624	0.550
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-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 : LRX4X-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 : LRX4X-4-L8-950-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	479.72	N.A.	16.50
0-30	983.34	N.A.	33.70
0-40	1538.12	N.A.	52.80
0-60	2464.89	N.A.	84.50
0-80	2885.45	N.A.	99.00
0-90	2915.64	N.A.	100.00
10-90	2788.81	N.A.	95.60
20-40	1058.39	N.A.	36.30
20-50	1572.85	N.A.	53.90
40-70	1206.23	N.A.	41.40
60-80	420.55	N.A.	14.40
70-80	141.10	N.A.	4.80
80-90	30.20	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	2915.64	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	126.84
10-20	352.89
20-30	503.62
30-40	554.77
40-50	514.46
50-60	412.32
60-70	279.45
70-80	141.10
80-90	30.20
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-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	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-4-L8-950-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

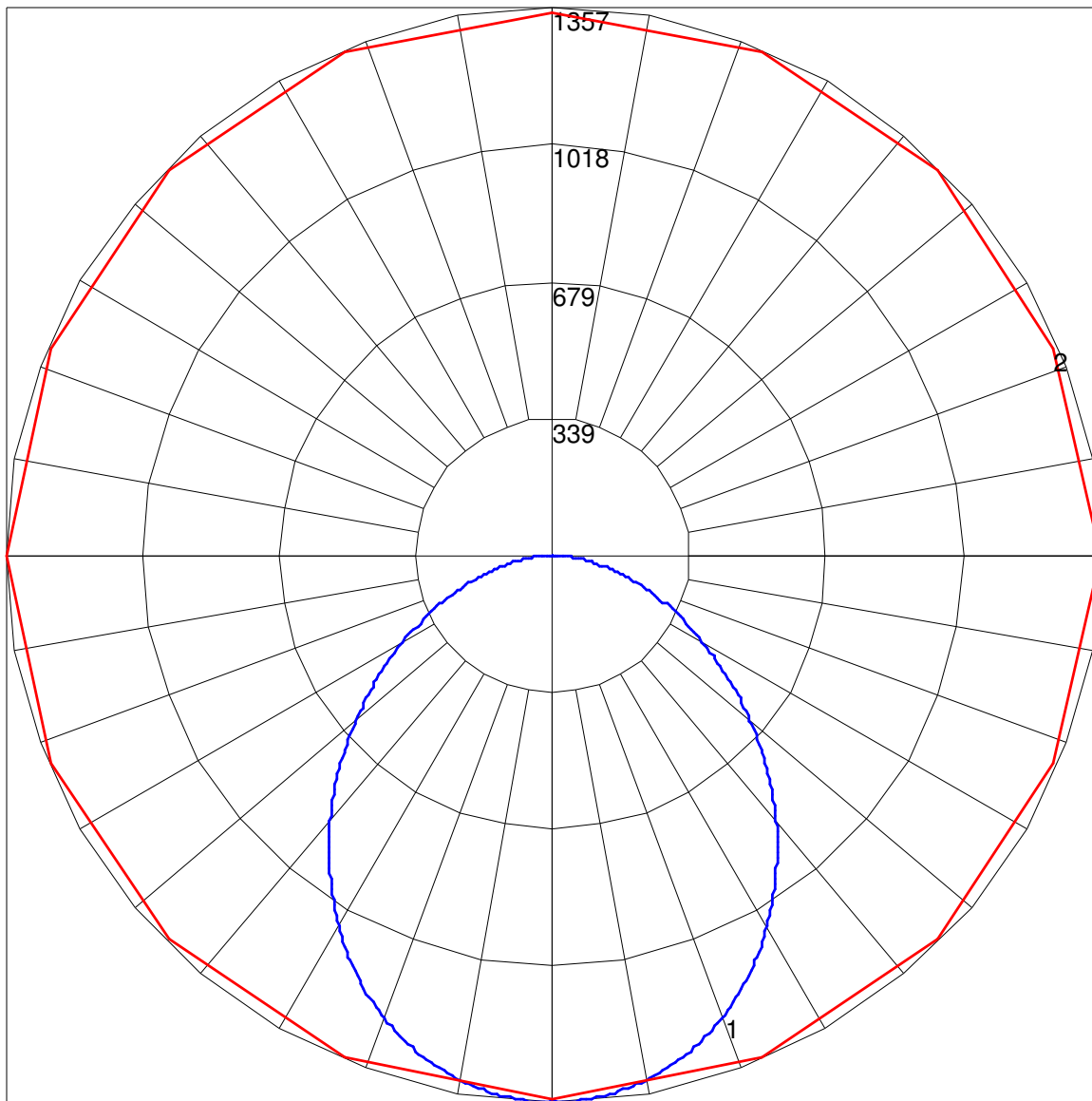
Reflectances

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					UGR Viewed Endwise				
X=2H	Y=2H	18.2	19.8	18.6	20.1	20.4	16.5	18.0	16.9	18.3	18.7
	3H	19.8	21.2	20.2	21.5	21.9	17.8	19.2	18.2	19.5	19.9
	4H	20.4	21.7	20.8	22.0	22.4	18.3	19.6	18.7	19.9	20.3
	6H	20.7	21.9	21.2	22.3	22.7	18.5	19.7	18.9	20.1	20.5
	8H	20.8	22.0	21.3	22.4	22.8	18.6	19.7	19.0	20.1	20.5
	12H	20.9	22.0	21.3	22.4	22.8	18.6	19.7	19.0	20.1	20.5
4H	2H	18.6	19.9	19.0	20.2	20.6	17.2	18.5	17.6	18.8	19.2
	3H	20.4	21.5	20.8	21.9	22.3	18.7	19.8	19.1	20.2	20.6
	4H	21.1	22.0	21.5	22.5	22.9	19.2	20.2	19.7	20.6	21.1
	6H	21.6	22.4	22.0	22.9	23.3	19.6	20.4	20.0	20.9	21.3
	8H	21.7	22.5	22.2	23.0	23.4	19.7	20.4	20.1	20.9	21.4
	12H	21.8	22.5	22.3	23.0	23.5	19.7	20.4	20.2	20.9	21.3
8H	4H	21.2	22.0	21.7	22.4	22.9	19.5	20.3	20.0	20.8	21.2
	6H	21.8	22.4	22.3	22.9	23.4	20.0	20.6	20.4	21.1	21.6
	8H	22.0	22.6	22.5	23.1	23.6	20.1	20.7	20.6	21.2	21.7
	12H	22.1	22.7	22.6	23.1	23.7	20.1	20.7	20.7	21.2	21.7
12H	4H	21.2	21.9	21.7	22.4	22.9	19.6	20.3	20.0	20.7	21.2
	6H	21.8	22.4	22.3	22.9	23.4	20.0	20.6	20.5	21.1	21.6
	8H	22.0	22.5	22.5	23.0	23.6	20.2	20.7	20.7	21.2	21.7

Maximum UGR = 23.7

POLAR GRAPH



Maximum Candela = 1357.135 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.)