

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-2-L12-950-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.01

[TESTLAB] UL, LLC

[ISSUEDATE] 2026-05-12

[TESTDATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX2x-2-L12-950-DMA-DIM-UNV_

[LUMINAIRE] Nominal 2" x 2' 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	2170
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	89
Total Luminaire Watts	24.4
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)	2.00 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	18535	16047	13998
55	16380	13738	11367
65	14050	11056	8924
75	11273	7883	6123
85	7421	2349	1272

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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	1031.991	1031.991	1031.991	1031.991	1031.991
0.5	1033.600	1030.383	1032.957	1032.313	1029.418
1.0	1032.957	1030.061	1032.957	1031.991	1029.096
1.5	1032.635	1029.418	1031.991	1031.026	1028.131
2.0	1032.313	1029.096	1031.670	1030.383	1027.166
2.5	1031.670	1028.453	1030.705	1029.096	1026.201
3.0	1031.026	1027.809	1029.740	1027.809	1024.592
3.5	1030.061	1026.844	1028.131	1025.879	1022.984
4.0	1029.096	1025.558	1026.844	1024.271	1020.732
4.5	1028.131	1024.271	1024.914	1022.019	1018.159
5.0	1027.488	1022.984	1023.306	1019.445	1015.907
5.5	1025.558	1021.376	1021.054	1017.194	1013.333
6.0	1024.271	1019.767	1018.802	1014.298	1010.438
6.5	1022.662	1017.837	1016.550	1011.081	1007.221
7.0	1020.732	1015.585	1013.977	1008.186	1003.361
7.5	1018.802	1013.655	1011.081	1004.326	999.500
8.0	1016.872	1011.403	1008.186	1000.787	995.318
8.5	1014.620	1008.830	1004.969	996.927	991.780
9.0	1012.046	1006.256	1001.752	992.745	987.598
9.5	1009.795	1004.004	998.214	988.563	982.772
10.0	1007.221	1001.109	994.675	984.059	977.947
10.5	1004.969	998.214	990.815	979.234	972.800
11.0	1002.074	994.997	986.633	974.408	967.009
11.5	999.500	992.101	982.451	969.261	962.184
12.0	997.570	989.206	977.947	964.114	956.715
12.5	993.388	985.989	973.443	958.324	951.246
13.0	989.528	982.129	968.940	952.855	945.134
13.5	986.311	977.625	964.114	947.386	939.022
14.0	982.451	973.443	958.967	941.274	932.910
14.5	978.590	968.940	953.820	935.162	926.476
15.0	974.730	964.758	948.995	929.050	919.721
15.5	970.870	960.576	943.848	922.294	912.965
16.0	966.688	956.072	938.700	915.860	906.531
16.5	962.827	951.246	932.910	909.426	899.454
17.0	958.002	946.421	926.476	902.349	892.055
17.5	953.498	941.596	920.364	895.594	884.978
18.0	949.316	936.449	914.252	888.516	877.257
18.5	944.169	931.302	907.818	881.117	869.858
19.0	939.344	926.154	901.384	874.362	862.459
19.5	934.840	920.686	894.950	866.641	854.095
20.0	929.371	915.217	888.516	858.921	846.375
20.5	924.546	910.070	882.082	851.522	838.654
21.0	919.399	904.279	875.005	844.123	830.612
21.5	913.930	898.489	867.928	836.402	822.569
22.0	908.461	892.698	861.172	828.360	814.527
22.5	902.993	886.586	854.417	820.317	806.485
23.0	897.202	880.796	847.018	812.275	798.121
23.5	891.733	874.684	839.619	804.554	789.757
24.0	885.299	868.250	832.220	796.190	781.714
24.5	879.509	861.816	824.499	788.148	773.350
25.0	873.397	855.382	817.422	779.784	764.986
25.5	867.285	848.948	809.702	771.420	756.300
26.0	861.172	841.871	801.981	763.378	747.936
26.5	854.739	835.437	794.260	755.014	739.251

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CANDELA TABULATION - (Cont.)

27.0	847.983	828.360	786.540	746.650	730.887
27.5	841.227	821.604	778.497	738.286	722.201
28.0	833.828	814.527	770.777	729.922	713.515
28.5	826.430	807.450	763.056	721.879	704.830
29.0	819.674	800.372	754.692	713.194	696.144
29.5	812.918	792.973	746.650	704.508	687.136
30.0	805.520	785.575	738.929	696.144	679.094
30.5	798.764	778.497	730.887	687.458	670.408
31.0	791.365	771.098	722.844	678.772	662.044
31.5	784.609	763.378	714.480	670.408	653.680
32.0	777.211	755.657	706.438	661.723	644.995
32.5	769.812	747.936	698.074	652.715	636.309
33.0	762.734	740.216	690.032	644.351	627.945
33.5	755.335	732.817	681.989	636.309	619.581
34.0	747.615	724.775	673.625	627.623	610.895
34.5	740.216	717.054	665.583	619.259	602.853
35.0	732.495	709.333	657.219	610.895	593.845
35.5	725.418	701.291	648.855	602.531	585.160
36.0	717.697	693.570	640.813	593.845	575.831
36.5	709.977	685.528	632.449	585.160	567.788
37.0	702.578	677.486	624.085	576.152	559.424
37.5	694.535	669.443	616.364	567.788	551.382
38.0	686.171	661.723	608.000	559.746	543.018
38.5	678.451	653.359	599.636	551.704	534.976
39.0	671.052	645.316	590.629	543.340	526.933
39.5	662.688	637.274	581.943	535.297	518.891
40.0	654.967	629.232	573.579	527.577	510.849
40.5	646.925	621.189	565.536	519.213	502.806
41.0	638.239	613.147	557.494	511.492	494.764
41.5	630.197	604.783	549.130	503.450	487.043
42.0	621.833	596.419	541.409	495.729	479.001
42.5	613.469	587.733	533.045	487.687	471.280
43.0	605.426	578.726	525.647	479.966	463.238
43.5	596.741	570.684	517.604	472.245	455.196
44.0	587.733	562.641	509.562	464.525	447.153
44.5	578.404	554.277	501.841	456.804	439.111
45.0	570.362	546.235	493.799	449.084	430.747
45.5	562.320	538.193	486.078	441.363	422.705
46.0	553.956	530.150	478.036	433.321	414.984
46.5	545.591	522.108	470.315	425.600	406.942
47.0	537.227	514.066	462.916	417.558	399.221
47.5	529.185	506.023	455.196	409.837	391.500
48.0	520.821	497.981	447.475	401.795	383.780
48.5	512.779	490.260	439.754	394.074	376.059
49.0	504.736	482.218	432.356	386.353	368.339
49.5	496.372	474.176	424.635	378.633	360.940
50.0	488.652	466.455	417.236	371.234	353.862
50.5	480.609	458.413	409.837	363.513	346.463
51.0	472.567	450.692	402.438	356.114	339.065
51.5	464.525	442.971	395.039	348.715	331.987
52.0	456.482	435.251	387.640	341.316	324.910
52.5	448.762	427.530	380.241	334.239	317.768
53.0	440.720	420.131	372.842	326.840	310.595
53.5	432.677	412.411	365.443	319.731	304.096
54.0	424.635	404.690	358.044	312.621	297.051
54.5	416.914	396.969	350.324	305.641	290.296

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CANDELA TABULATION - (Cont.)

55.0	408.872	389.570	342.925	298.531	283.733
55.5	401.151	382.171	335.526	291.679	277.171
56.0	393.109	374.772	327.805	284.795	270.544
56.5	385.388	367.052	320.535	278.104	263.885
57.0	377.346	359.975	313.233	271.348	257.515
57.5	369.947	352.576	305.930	264.753	251.081
58.0	362.226	345.177	298.660	258.191	244.873
58.5	354.184	337.778	291.550	251.693	238.568
59.0	346.785	330.379	284.377	245.291	232.327
59.5	339.065	323.302	277.267	238.889	226.279
60.0	331.666	316.031	270.287	232.681	220.360
60.5	323.945	308.954	263.434	226.375	214.344
61.0	316.482	301.845	256.582	220.135	208.489
61.5	309.018	294.767	249.730	214.022	202.795
62.0	301.587	287.690	242.910	208.168	197.037
62.5	294.317	280.774	236.155	202.216	191.311
63.0	287.047	273.889	229.496	196.297	185.778
63.5	279.937	267.070	222.837	190.474	180.373
64.0	272.603	260.218	216.306	184.748	174.808
64.5	265.461	253.462	209.808	179.054	169.436
65.0	258.416	246.674	203.342	173.457	164.128
65.5	251.339	239.951	196.941	167.859	158.820
66.0	244.390	233.388	190.603	162.423	153.576
66.5	237.506	226.761	184.394	156.922	148.461
67.0	230.525	220.135	178.121	151.550	143.379
67.5	223.673	213.604	172.041	146.242	138.264
68.0	216.950	206.945	165.865	140.966	133.277
68.5	210.194	200.254	159.946	135.819	128.323
69.0	203.503	193.434	154.027	130.640	123.434
69.5	196.844	186.807	148.172	125.589	118.673
70.0	190.153	180.148	142.381	120.603	113.783
70.5	183.526	173.489	136.655	115.649	109.150
71.0	176.931	166.927	130.993	110.727	104.454
71.5	170.530	160.461	125.428	105.934	99.757
72.0	164.224	154.059	119.959	101.108	95.157
72.5	157.758	147.818	114.555	96.411	90.621
73.0	151.485	141.545	109.247	91.747	86.214
73.5	145.180	135.304	104.036	87.114	81.742
74.0	139.100	129.288	98.888	82.675	77.464
74.5	132.988	123.273	93.838	78.139	73.185
75.0	126.972	117.289	88.787	73.732	68.971
75.5	120.989	111.499	83.898	69.389	64.918
76.0	115.230	105.708	79.104	65.207	60.864
76.5	109.504	100.111	74.343	61.090	56.972
77.0	103.843	94.449	69.711	57.004	53.240
77.5	98.309	88.948	65.143	53.079	49.509
78.0	92.808	83.544	60.639	49.251	45.873
78.5	87.468	78.236	56.168	45.520	42.335
79.0	82.193	72.992	51.857	41.852	38.861
79.5	77.110	67.813	47.675	38.314	35.418
80.0	72.091	62.762	43.622	34.872	32.105
80.5	67.170	57.808	39.697	31.429	28.792
81.0	62.312	52.919	35.965	28.084	25.575
81.5	57.583	48.190	32.298	24.770	22.293
82.0	52.983	43.622	28.824	21.586	19.044
82.5	48.511	39.182	25.414	18.304	15.602

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CANDELA TABULATION - (Cont.)

83.0	44.168	34.872	22.068	14.959	11.903
83.5	39.954	30.690	18.851	11.259	7.946
84.0	35.869	26.733	15.699	7.495	6.144
84.5	31.944	22.937	12.514	5.726	5.437
85.0	28.148	19.334	8.911	5.018	4.825
85.5	24.513	15.956	5.404	4.407	4.246
86.0	21.007	12.739	4.246	3.796	3.667
86.5	17.597	9.715	3.603	3.217	3.088
87.0	14.412	6.756	2.992	2.670	2.541
87.5	11.356	3.571	2.381	2.091	2.027
88.0	8.493	2.252	1.834	1.576	1.480
88.5	5.855	1.673	1.287	1.094	1.029
89.0	3.571	1.094	0.772	0.643	0.611
89.5	1.608	0.579	0.386	0.322	0.257
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

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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-2-L12-950-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-2-L12-950-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	362.92	N.A.	16.70
0-30	738.81	N.A.	34.10
0-40	1151.23	N.A.	53.10
0-60	1843.21	N.A.	85.00
0-80	2151.36	N.A.	99.20
0-90	2169.71	N.A.	100.00
10-90	2073.09	N.A.	95.50
20-40	788.31	N.A.	36.30
20-50	1172.09	N.A.	54.00
40-70	899.16	N.A.	41.40
60-80	308.15	N.A.	14.20
70-80	100.98	N.A.	4.70
80-90	18.35	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	2169.71	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	96.62
10-20	266.30
20-30	375.89
30-40	412.41
40-50	383.78
50-60	308.21
60-70	207.17
70-80	100.98
80-90	18.35
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-2-L12-950-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-2-L12-950-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	21.7	23.3	22.1	23.6	23.9	19.6	21.1	20.0	21.4	21.8
	3H	23.3	24.7	23.7	25.0	25.4	20.9	22.2	21.2	22.6	22.9
	4H	23.9	25.2	24.3	25.5	25.9	21.2	22.5	21.6	22.9	23.2
	6H	24.2	25.4	24.7	25.8	26.2	21.4	22.6	21.8	23.0	23.4
	8H	24.4	25.5	24.8	25.9	26.3	21.4	22.6	21.9	23.0	23.4
	12H	24.4	25.5	24.8	25.9	26.3	21.4	22.5	21.8	22.9	23.3

UGR Viewed Endwise

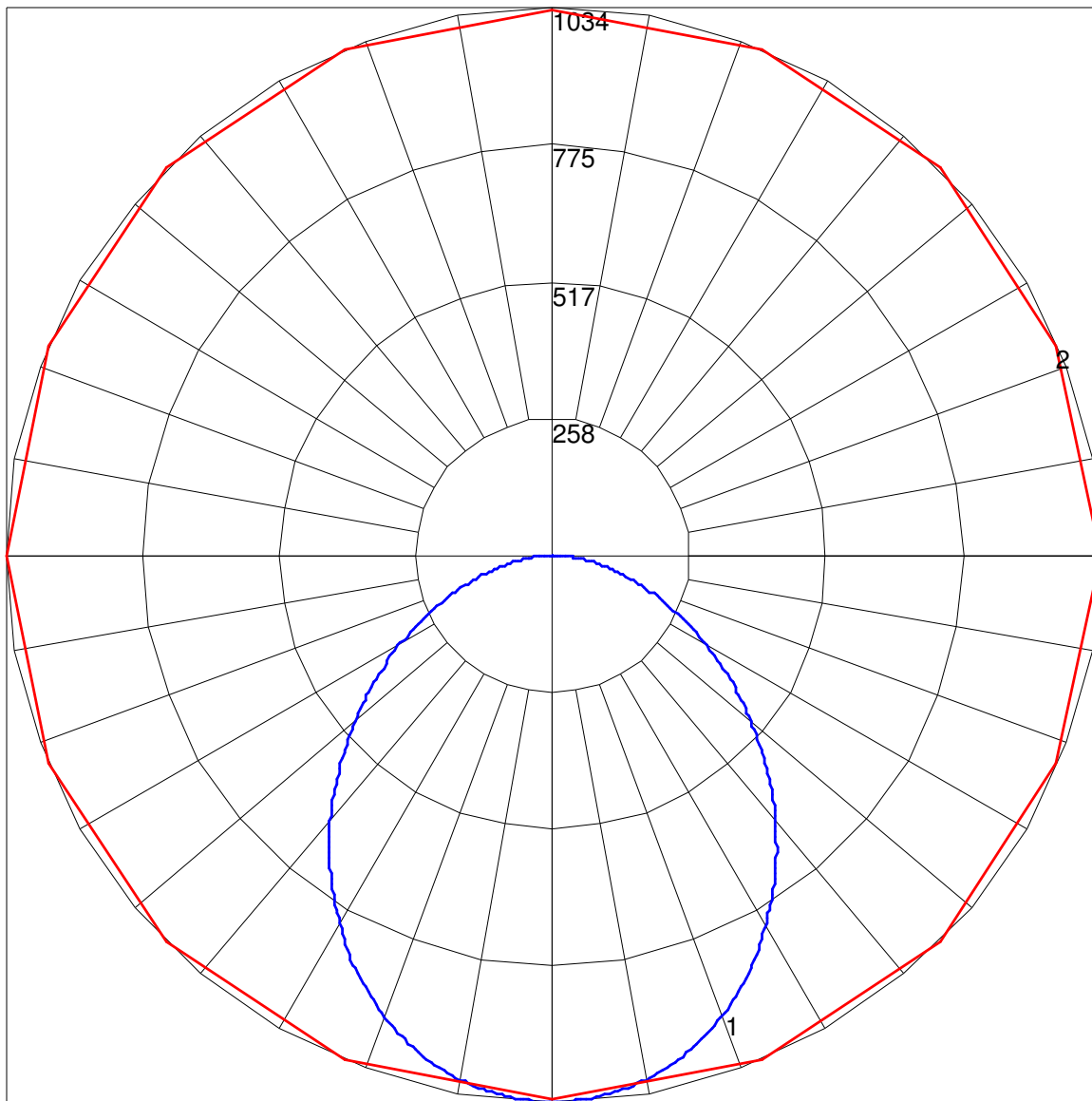
4H	2H	22.0	23.3	22.4	23.7	24.1	20.3	21.6	20.7	21.9	22.3
	3H	23.9	24.9	24.3	25.3	25.7	21.7	22.8	22.2	23.2	23.6
	4H	24.5	25.5	25.0	25.9	26.4	22.2	23.2	22.6	23.6	24.0
	6H	25.0	25.9	25.5	26.3	26.8	22.4	23.3	22.9	23.7	24.2
	8H	25.2	26.0	25.6	26.4	26.9	22.5	23.2	22.9	23.7	24.2
	12H	25.3	26.0	25.7	26.4	26.9	22.4	23.1	22.9	23.6	24.1

8H	4H	24.6	25.4	25.1	25.9	26.3	22.5	23.3	22.9	23.7	24.2
	6H	25.2	25.8	25.7	26.3	26.8	22.8	23.4	23.3	23.9	24.4
	8H	25.4	26.0	25.9	26.5	27.0	22.8	23.4	23.4	23.9	24.4
	12H	25.5	26.0	26.0	26.5	27.1	22.8	23.3	23.3	23.8	24.4

12H	4H	24.6	25.3	25.1	25.8	26.3	22.5	23.2	23.0	23.7	24.2
	6H	25.2	25.8	25.7	26.2	26.8	22.8	23.4	23.4	23.9	24.4
	8H	25.4	25.9	25.9	26.4	27.0	22.9	23.4	23.4	23.9	24.5

Maximum UGR = 27.1

POLAR GRAPH



Maximum Candela = 1033.6 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.)