

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L12-940-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-2-L12-940-DMA-DIM-UNV_

[LUMINAIRE] Nominal 4" x 2' 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	2073
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	105
Total Luminaire Watts	19.8
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)	2.00 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	10111	8964	7936
55	8850	7650	6498
65	7531	6292	5227
75	6046	4725	3848
85	3915	2427	1857

IES INDOOR REPORT
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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	960.034	960.034	960.034	960.034	960.034
0.5	964.728	957.949	960.295	959.513	958.991
1.0	964.467	957.688	960.034	959.252	958.731
1.5	964.206	957.166	959.774	958.731	958.209
2.0	963.685	956.906	958.991	957.688	957.949
2.5	963.424	956.384	958.470	957.166	956.906
3.0	962.642	955.602	957.688	955.863	955.602
3.5	962.120	954.820	956.645	954.820	954.298
4.0	960.817	953.777	955.602	953.516	952.734
4.5	960.295	952.734	954.298	951.952	950.909
5.0	958.991	951.691	952.734	950.387	949.344
5.5	958.470	950.126	951.169	948.301	946.998
6.0	956.123	948.823	949.344	946.215	944.912
6.5	954.820	947.519	947.258	943.869	942.304
7.0	953.255	945.694	945.433	941.522	939.958
7.5	951.691	943.869	943.086	938.915	937.090
8.0	949.866	941.783	941.001	936.047	933.961
8.5	948.040	939.958	938.654	932.918	930.832
9.0	945.955	937.872	935.786	929.789	927.703
9.5	943.608	935.264	933.178	926.399	924.053
10.0	941.783	932.918	930.050	923.270	920.663
10.5	938.915	930.310	927.182	919.881	917.013
11.0	936.307	927.703	923.792	915.970	913.362
11.5	933.700	924.835	920.402	912.059	908.930
12.0	930.832	921.967	917.013	907.887	904.758
12.5	927.442	918.577	913.362	903.715	900.065
13.0	924.574	915.448	909.451	899.283	895.632
13.5	921.706	912.059	905.540	894.850	891.200
14.0	918.056	908.669	901.629	889.896	885.985
14.5	914.927	904.758	897.197	885.203	881.031
15.0	911.277	901.108	892.764	880.249	875.816
15.5	907.626	897.197	888.332	875.034	870.602
16.0	903.715	893.286	883.638	869.819	864.865
16.5	900.065	889.375	878.945	864.344	859.390
17.0	895.893	884.942	873.991	858.868	853.393
17.5	891.982	880.510	869.298	853.132	847.396
18.0	887.549	876.338	864.083	847.396	841.399
18.5	883.638	871.644	858.868	841.399	834.881
19.0	878.945	866.951	853.393	835.141	828.362
19.5	874.513	862.258	847.917	829.144	821.844
20.0	869.819	857.304	842.181	822.887	815.325
20.5	865.126	852.350	836.445	816.368	808.546
21.0	860.172	847.396	830.709	809.850	801.506
21.5	855.479	841.920	824.712	803.071	794.727
22.0	850.264	836.706	818.454	796.291	787.948
22.5	845.049	831.230	812.196	789.512	780.647
23.0	840.095	826.015	806.199	782.212	773.347
23.5	834.881	820.279	799.681	775.172	766.046
24.0	829.405	814.543	793.163	768.132	758.485
24.5	823.930	808.807	786.383	760.831	751.184
25.0	818.193	803.071	779.865	753.531	743.623
25.5	812.196	796.813	773.086	745.969	735.540
26.0	806.460	790.816	765.785	738.408	727.718
26.5	800.724	784.558	759.006	730.846	719.635

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-2-L12-940-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	794.466	778.301	751.705	723.024	711.813
27.5	787.948	771.782	744.665	715.202	703.990
28.0	781.951	765.524	737.365	707.119	695.647
28.5	775.693	759.006	730.325	699.297	687.564
29.0	769.436	752.488	723.024	691.214	679.742
29.5	762.135	745.708	715.463	683.131	671.398
30.0	755.095	738.669	707.902	675.049	663.315
30.5	748.577	731.889	700.601	667.227	654.972
31.0	741.797	725.110	693.040	659.144	646.628
31.5	735.279	718.070	685.478	650.800	638.285
32.0	727.978	711.030	677.656	642.717	630.202
32.5	721.199	703.730	670.095	634.374	621.598
33.0	714.159	696.690	662.012	626.291	613.515
33.5	707.119	689.389	654.711	617.947	604.650
34.0	700.340	682.089	646.628	609.864	596.567
34.5	693.300	675.049	638.806	601.781	588.484
35.0	686.260	667.487	630.723	593.438	580.140
35.5	678.960	659.926	622.901	585.616	571.536
36.0	672.181	652.625	615.079	577.272	563.714
36.5	664.880	645.064	606.996	569.189	555.370
37.0	657.319	637.502	599.435	561.106	547.548
37.5	650.018	629.941	591.613	552.763	539.205
38.0	642.717	622.119	583.530	544.680	530.861
38.5	635.156	614.818	575.708	536.597	522.778
39.0	627.334	606.996	567.886	528.514	514.695
39.5	620.033	599.435	559.803	520.431	506.612
40.0	612.472	591.613	551.981	512.870	498.790
40.5	604.389	584.051	543.898	504.787	490.447
41.0	596.827	576.229	536.076	496.704	481.842
41.5	589.266	568.668	528.254	488.622	473.760
42.0	581.183	560.846	520.431	480.278	465.416
42.5	572.840	552.763	512.609	472.456	457.333
43.0	565.018	544.941	504.787	463.851	449.250
43.5	557.456	537.379	496.965	455.769	441.689
44.0	549.113	529.557	489.143	448.207	433.867
44.5	541.290	521.735	480.539	440.385	426.045
45.0	533.208	514.174	472.717	432.824	418.483
45.5	525.125	506.091	464.634	425.262	410.661
46.0	517.303	498.530	457.072	417.701	403.100
46.5	509.481	490.707	449.511	410.400	395.799
47.0	501.398	482.885	441.950	402.839	388.238
47.5	493.315	474.542	434.649	395.538	380.937
48.0	485.493	466.459	427.348	388.238	373.376
48.5	477.410	458.897	419.787	380.937	366.075
49.0	468.806	451.075	412.486	373.636	359.035
49.5	461.244	443.775	405.446	366.336	351.995
50.0	453.422	436.213	398.146	359.296	344.955
50.5	446.121	428.652	390.845	352.256	337.915
51.0	438.299	421.351	383.544	344.955	330.876
51.5	430.738	413.790	376.505	338.176	324.096
52.0	423.437	406.229	369.204	331.136	317.317
52.5	415.876	398.928	362.164	324.357	310.799
53.0	408.314	391.627	355.124	317.578	304.280
53.5	400.753	384.327	348.345	310.799	297.501
54.0	393.452	377.026	341.044	304.280	290.983
54.5	385.891	369.986	334.265	297.501	284.464

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CANDELA TABULATION - (Cont.)

55.0	378.590	362.685	327.225	291.243	277.946
55.5	371.029	355.646	320.446	284.464	271.688
56.0	363.468	348.345	313.667	278.207	265.430
56.5	356.167	341.305	306.888	271.949	259.564
57.0	348.606	334.265	299.848	265.691	253.384
57.5	341.305	327.486	293.329	259.434	247.361
58.0	334.004	320.446	286.550	253.280	241.443
58.5	326.704	313.406	279.771	247.205	235.524
59.0	319.403	306.627	273.253	241.234	229.657
59.5	312.102	299.848	266.734	235.263	223.947
60.0	305.063	293.069	260.164	229.266	218.263
60.5	298.023	286.289	253.802	223.426	212.579
61.0	290.983	279.771	247.309	217.637	206.999
61.5	284.204	272.992	240.999	211.797	201.498
62.0	277.164	266.213	234.637	206.217	196.179
62.5	270.384	259.772	228.484	200.611	190.755
63.0	263.605	253.332	222.357	195.031	185.436
63.5	256.957	246.892	216.229	189.400	180.065
64.0	250.490	240.504	210.258	183.976	174.903
64.5	243.815	234.116	204.235	178.579	169.766
65.0	237.349	227.858	198.317	173.182	164.760
65.5	230.935	221.522	192.346	167.889	159.649
66.0	224.547	215.239	186.584	162.726	154.643
66.5	218.211	209.033	180.795	157.485	149.585
67.0	211.797	202.880	175.085	152.297	144.735
67.5	205.383	196.726	169.453	147.290	139.886
68.0	199.229	190.677	163.769	142.258	134.984
68.5	192.946	184.680	158.215	137.304	130.264
69.0	186.714	178.683	152.714	132.376	125.571
69.5	180.665	172.712	147.343	127.500	121.008
70.0	174.537	166.768	141.867	122.729	116.393
70.5	168.488	160.927	136.496	117.984	111.934
71.0	162.439	155.139	131.281	113.369	107.424
71.5	156.521	149.298	126.066	108.780	103.069
72.0	150.628	143.614	120.904	104.217	98.715
72.5	144.761	137.982	115.767	99.758	94.491
73.0	139.051	132.428	110.735	95.273	90.345
73.5	133.341	126.797	105.781	90.997	86.200
74.0	127.735	121.269	100.879	86.695	82.080
74.5	122.181	115.846	96.030	82.523	78.169
75.0	116.706	110.500	91.206	78.325	74.284
75.5	111.335	105.260	86.539	74.336	70.425
76.0	106.094	100.071	81.976	70.347	66.697
76.5	100.827	94.882	77.413	66.514	63.046
77.0	95.847	89.824	73.032	62.681	59.422
77.5	90.789	84.844	68.678	58.979	55.876
78.0	85.756	79.942	64.376	55.355	52.512
78.5	80.776	75.092	60.256	51.835	49.097
79.0	76.031	70.425	56.215	48.367	45.812
79.5	71.364	65.680	52.278	44.899	42.604
80.0	66.723	61.143	48.367	41.640	39.502
80.5	62.108	56.632	44.560	38.407	36.425
81.0	57.649	52.252	40.910	35.330	33.505
81.5	53.243	48.002	37.338	32.279	30.611
82.0	48.993	43.700	33.948	29.307	27.742
82.5	44.847	39.632	30.611	26.413	25.005

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PHOTOMETRIC FILENAME : LRX4X-2-L12-940-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	40.753	35.617	27.377	23.597	22.215
83.5	36.712	31.784	24.327	20.833	19.555
84.0	32.853	28.029	21.354	18.121	16.974
84.5	29.046	24.483	18.512	15.540	14.497
85.0	25.448	21.068	15.775	13.115	12.072
85.5	21.954	17.782	13.167	10.638	9.465
86.0	18.669	14.653	10.821	8.083	6.597
86.5	15.410	11.837	8.552	5.110	4.068
87.0	12.411	9.178	6.101	3.233	2.894
87.5	9.621	6.831	3.520	2.477	2.268
88.0	7.040	4.667	2.216	1.903	1.773
88.5	4.850	2.607	1.643	1.382	1.225
89.0	3.051	1.304	1.095	0.887	0.782
89.5	1.512	0.704	0.600	0.443	0.391
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-2-L12-940-DMA-DIM-UNV_.IES

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-2-L12-940-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 : LRX4X-2-L12-940-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 : LRX4X-2-L12-940-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	341.01	N.A.	16.50
0-30	699.02	N.A.	33.70
0-40	1093.38	N.A.	52.80
0-60	1752.18	N.A.	84.50
0-80	2051.14	N.A.	99.00
0-90	2072.6	N.A.	100.00
10-90	1982.44	N.A.	95.60
20-40	752.37	N.A.	36.30
20-50	1118.07	N.A.	53.90
40-70	857.46	N.A.	41.40
60-80	298.95	N.A.	14.40
70-80	100.30	N.A.	4.80
80-90	21.47	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	2072.6	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	90.16
10-20	250.85
20-30	358.00
30-40	394.36
40-50	365.71
50-60	293.10
60-70	198.65
70-80	100.30
80-90	21.47
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-2-L12-940-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	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-2-L12-940-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

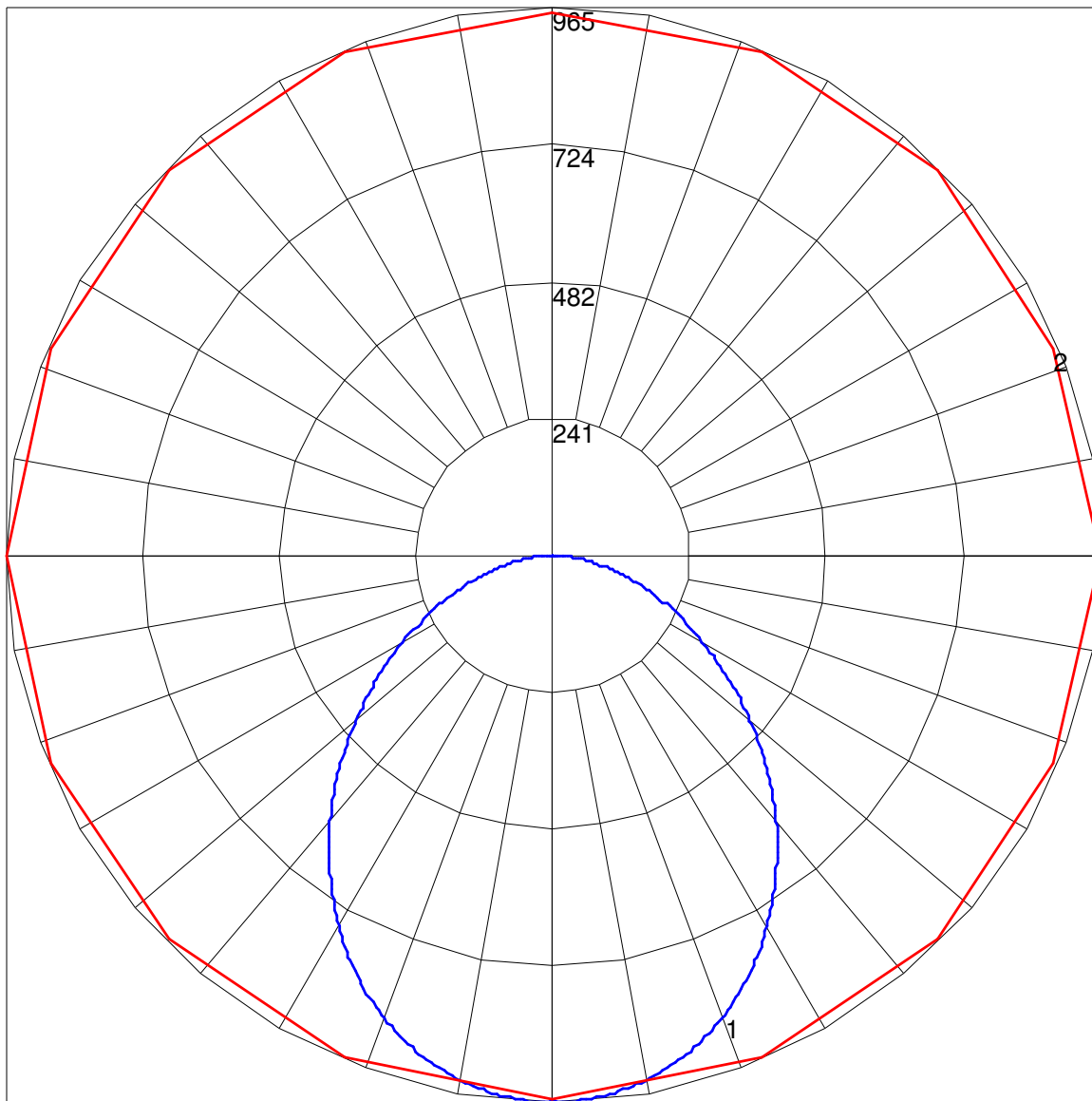
Reflectances

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	19.4	21.0	19.8	21.3	21.6	17.7	19.2	18.1	19.6	19.9
	3H	21.0	22.4	21.4	22.7	23.1	19.0	20.4	19.4	20.8	21.1
	4H	21.6	22.9	22.0	23.2	23.6	19.5	20.8	19.9	21.1	21.5
	6H	22.0	23.1	22.4	23.5	23.9	19.7	20.9	20.1	21.3	21.7
	8H	22.0	23.2	22.5	23.6	24.0	19.8	20.9	20.2	21.3	21.7
	12H	22.1	23.2	22.5	23.6	24.0	19.8	20.9	20.2	21.3	21.7
4H	2H	19.8	21.1	20.2	21.4	21.8	18.4	19.7	18.8	20.0	20.4
	3H	21.6	22.7	22.0	23.1	23.5	19.9	21.0	20.3	21.4	21.8
	4H	22.3	23.3	22.7	23.7	24.1	20.4	21.4	20.9	21.8	22.3
	6H	22.8	23.6	23.2	24.1	24.5	20.8	21.6	21.2	22.1	22.5
	8H	22.9	23.7	23.4	24.2	24.6	20.9	21.7	21.3	22.1	22.6
	12H	23.0	23.7	23.5	24.2	24.7	20.9	21.6	21.4	22.1	22.6
8H	4H	22.4	23.2	22.9	23.6	24.1	20.7	21.5	21.2	22.0	22.4
	6H	23.0	23.7	23.5	24.1	24.6	21.2	21.8	21.7	22.3	22.8
	8H	23.2	23.8	23.7	24.3	24.8	21.3	21.9	21.8	22.4	22.9
	12H	23.3	23.9	23.9	24.4	24.9	21.4	21.9	21.9	22.4	22.9
12H	4H	22.4	23.1	22.9	23.6	24.1	20.8	21.5	21.3	22.0	22.4
	6H	23.0	23.6	23.5	24.1	24.6	21.2	21.8	21.7	22.3	22.8
	8H	23.2	23.8	23.7	24.2	24.8	21.4	21.9	21.9	22.4	22.9

Maximum UGR = 24.9

POLAR GRAPH



Maximum Candela = 964.728 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.)