



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-6-L4-940-(L2)-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 14853501.01
[TESTLAB] UL Verification Services Inc.
[ISSUEDATE] 04-04-2024
[TESTDATE] 6/19/2023
[MANUFAC] H.E. WILLIAMS, INC. - CARTHAGE, MO.
[LUMCAT] LRX2-6-L4-940-DMA-(L2)-DIM-UNV
[LUMINAIRE] 2 INCH WIDE, LINEAR RECESSED LED LUMINAIRE
[MORE] W/DIFFUSED MATTE ACRYLIC LENS
[LAMP] LED
[BALLAST] 0-10V DIMMING DRIVER
[_SEARCH_SOURCETYPE] LED
[_SEARCH_APPLICATION] INDOOR, CLASSROOM, COMMERCIAL, OFFICE
[_SEARCH_MOUNTING] RECESSED

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1134
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	99
Total Luminaire Watts	11.4
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.06
Spacing Criterion (Diagonal)	1.22
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	5.58 ft
Luminous Width (90-270)	0.17 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	4744	4093	3733
55	4229	3596	3292
65	3728	3170	2918
75	3075	2699	2515
85	2320	2165	2086

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-6-L4-940-(L2)-DMA-DIM-UNV_.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	502.421	502.421	502.421	502.421	502.421
0.5	511.278	502.833	499.949	501.185	498.713
1.0	511.278	502.627	499.949	501.185	498.507
1.5	511.072	502.627	499.743	500.979	498.301
2.0	510.866	502.215	499.331	500.773	497.683
2.5	510.660	501.803	499.125	500.155	497.271
3.0	510.248	501.391	498.507	499.743	496.447
3.5	509.836	500.979	497.889	498.919	495.623
4.0	509.424	500.567	497.271	498.301	495.005
4.5	509.012	499.949	496.653	497.477	493.975
5.0	508.600	499.331	495.623	496.447	492.945
5.5	507.776	498.507	494.799	495.211	491.503
6.0	507.158	497.683	493.769	494.181	490.267
6.5	506.540	497.065	492.739	492.739	488.825
7.0	505.717	496.035	491.709	491.297	487.383
7.5	504.893	495.211	490.473	489.855	485.735
8.0	504.069	493.975	489.237	488.207	484.293
8.5	503.039	492.945	487.795	486.559	482.439
9.0	502.009	491.915	486.353	484.705	480.585
9.5	500.979	490.679	484.705	482.645	478.525
10.0	499.949	489.443	483.057	480.791	476.671
10.5	498.713	488.207	481.409	478.731	474.199
11.0	497.477	486.765	479.555	476.671	471.933
11.5	496.035	485.323	477.701	474.405	469.667
12.0	494.593	483.675	475.641	472.139	467.196
12.5	493.357	482.027	473.581	469.667	464.518
13.0	491.709	480.379	471.521	467.196	462.046
13.5	490.061	478.525	469.255	464.518	459.368
14.0	488.619	476.671	467.196	462.046	456.690
14.5	486.765	474.817	464.724	459.368	453.806
15.0	485.117	472.963	462.458	456.484	451.128
15.5	483.263	470.903	459.780	453.600	448.038
16.0	481.821	469.049	457.308	450.716	444.948
16.5	480.379	466.990	454.630	447.626	441.858
17.0	478.525	464.930	451.952	444.536	438.768
17.5	475.847	462.870	449.274	441.446	435.472
18.0	473.375	461.016	446.596	438.150	431.970
18.5	470.903	458.544	443.712	434.854	428.469
19.0	468.843	455.866	440.828	431.352	424.967
19.5	466.578	453.188	437.944	427.851	421.259
20.0	464.312	450.510	434.854	424.555	417.345
20.5	461.840	447.832	431.970	421.053	413.637
21.0	459.368	445.360	428.881	417.345	409.723
21.5	456.896	442.682	425.791	413.843	406.015
22.0	454.218	439.798	422.495	410.135	402.101
22.5	451.746	437.120	419.405	406.221	398.393
23.0	448.862	434.236	416.521	402.513	394.685
23.5	446.184	431.146	413.225	398.805	390.772
24.0	443.300	428.263	409.517	395.097	387.064
24.5	440.416	425.173	406.015	391.390	383.150
25.0	437.532	422.289	402.307	387.476	379.236
25.5	434.648	418.993	398.805	383.768	375.322
26.0	431.558	415.903	395.097	379.854	371.614
26.5	428.675	412.607	391.596	376.146	367.906

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-6-L4-940-(L2)-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	425.379	409.517	387.888	372.438	363.992
27.5	422.289	406.015	384.386	368.730	359.872
28.0	419.199	402.719	380.678	365.022	356.164
28.5	416.109	399.423	376.970	361.108	352.457
29.0	412.813	395.921	373.468	357.194	348.749
29.5	409.311	392.420	369.760	353.281	345.041
30.0	406.015	388.918	366.052	349.573	341.127
30.5	402.513	385.622	362.550	345.865	337.213
31.0	399.011	382.120	358.842	341.951	333.299
31.5	395.303	378.412	354.929	338.037	329.591
32.0	391.802	374.910	351.221	334.123	325.677
32.5	388.094	371.202	347.513	330.209	321.763
33.0	384.592	367.494	343.599	326.295	317.850
33.5	380.884	363.786	339.891	322.587	313.936
34.0	377.176	360.078	336.183	318.673	310.022
34.5	373.674	356.164	332.063	314.760	306.108
35.0	369.966	352.457	328.355	310.640	302.194
35.5	366.258	348.543	324.441	306.726	298.486
36.0	362.344	344.835	320.733	303.018	294.572
36.5	358.636	340.921	316.820	299.104	290.864
37.0	354.929	337.007	312.906	294.984	286.950
37.5	351.015	333.093	308.992	291.276	283.448
38.0	347.307	329.179	305.078	287.362	279.535
38.5	343.393	325.265	301.370	283.654	275.827
39.0	339.479	321.351	297.250	279.741	272.119
39.5	335.565	317.438	293.336	276.033	268.411
40.0	331.445	313.524	289.422	272.119	264.703
40.5	327.325	309.610	285.508	268.617	261.201
41.0	323.411	305.696	281.594	264.909	257.287
41.5	319.291	301.576	277.681	261.201	253.579
42.0	315.172	297.662	273.973	257.287	250.077
42.5	311.258	293.542	270.059	253.579	246.369
43.0	307.138	289.628	266.351	250.077	242.868
43.5	303.018	285.508	262.231	246.575	239.366
44.0	298.898	281.594	258.523	242.868	235.864
44.5	294.778	277.681	254.609	239.160	232.362
45.0	290.864	273.561	250.901	235.658	228.860
45.5	286.744	269.647	247.193	232.156	225.358
46.0	282.624	265.733	243.486	228.654	222.062
46.5	278.711	261.613	239.572	225.152	218.560
47.0	274.591	257.699	235.864	221.650	215.264
47.5	270.677	253.785	232.362	217.942	211.968
48.0	266.557	249.871	228.654	214.646	208.466
48.5	262.437	245.957	225.152	211.144	205.294
49.0	258.523	241.838	221.238	207.848	201.978
49.5	254.403	237.924	217.736	204.326	198.661
50.0	250.489	234.216	214.028	200.886	195.345
50.5	246.369	230.302	210.526	197.631	192.193
51.0	242.456	226.388	206.818	194.438	189.062
51.5	238.336	222.474	203.337	191.183	185.642
52.0	234.422	218.766	199.712	187.826	182.429
52.5	230.302	214.852	196.127	184.468	179.339
53.0	226.388	211.144	192.584	181.152	176.043
53.5	222.268	207.436	189.206	178.041	173.056
54.0	218.354	203.543	185.786	174.972	169.904
54.5	214.440	199.732	182.305	171.820	166.814

IES INDOOR REPORT**PHOTOMETRIC FILENAME : LRX2-6-L4-940-(L2)-DMA-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

55.0	210.320	196.004	178.844	168.565	163.724
55.5	206.406	192.316	175.487	165.269	160.573
56.0	202.472	188.650	172.211	162.097	157.586
56.5	198.620	185.024	168.874	159.110	154.619
57.0	194.747	181.358	165.578	156.164	151.777
57.5	190.957	177.773	162.385	153.054	148.831
58.0	187.187	174.251	159.131	149.882	145.803
58.5	183.541	170.728	155.814	146.771	142.857
59.0	179.813	167.309	152.518	143.764	140.097
59.5	176.146	163.889	149.305	140.818	137.254
60.0	172.459	160.511	146.215	137.955	134.329
60.5	168.874	157.133	143.166	135.071	131.466
61.0	165.311	153.734	140.076	132.125	128.705
61.5	161.726	150.335	136.863	129.159	125.863
62.0	158.142	147.039	133.732	126.233	123.020
62.5	154.578	143.784	130.765	123.411	120.260
63.0	150.994	140.468	127.923	120.651	117.561
63.5	147.389	137.172	125.080	118.055	114.863
64.0	143.805	133.855	122.155	115.460	112.164
64.5	140.220	130.559	119.127	112.658	109.527
65.0	136.616	127.305	116.160	109.733	106.932
65.5	133.031	124.029	113.359	107.097	104.377
66.0	129.468	120.754	110.619	104.728	101.926
66.5	125.883	117.499	107.838	102.297	99.434
67.0	122.320	114.286	104.934	99.660	96.879
67.5	118.776	111.093	102.008	96.817	94.284
68.0	115.233	107.859	99.083	93.892	91.626
68.5	111.731	104.645	96.179	91.173	88.990
69.0	108.271	101.432	93.419	88.639	86.435
69.5	104.810	98.301	90.699	86.126	83.860
70.0	101.370	95.169	87.815	83.366	81.141
70.5	97.992	92.018	84.870	80.400	78.443
71.0	94.593	88.866	81.965	77.557	75.785
71.5	91.256	85.756	79.122	75.003	73.210
72.0	87.939	82.748	76.403	72.634	70.718
72.5	84.664	79.782	73.787	70.182	68.328
73.0	81.450	76.836	71.130	67.566	65.898
73.5	78.257	73.870	68.390	64.950	63.385
74.0	75.126	70.945	65.650	62.437	60.995
74.5	72.036	68.081	63.055	60.068	58.750
75.0	69.008	65.300	60.562	57.740	56.442
75.5	66.021	62.540	58.111	55.392	54.074
76.0	63.076	59.800	55.598	53.064	51.828
76.5	60.171	57.040	53.105	50.675	49.624
77.0	57.287	54.341	50.592	48.326	47.338
77.5	54.465	51.684	48.203	46.019	45.010
78.0	51.643	49.047	45.875	43.774	42.806
78.5	48.862	46.452	43.547	41.549	40.705
79.0	46.163	43.918	41.220	39.366	38.624
79.5	43.485	41.425	38.933	37.223	36.564
80.0	40.869	38.974	36.708	35.081	34.483
80.5	38.274	36.564	34.504	32.959	32.362
81.0	35.761	34.195	32.279	30.879	30.281
81.5	33.309	31.888	30.137	28.860	28.304
82.0	30.899	29.663	28.098	26.923	26.408
82.5	28.551	27.480	26.079	25.049	24.575

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-6-L4-940-(L2)-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	26.244	25.317	24.101	23.154	22.783
83.5	23.978	23.174	22.103	21.279	20.991
84.0	21.774	21.114	20.105	19.425	19.157
84.5	19.631	19.096	18.169	17.613	17.386
85.0	17.530	17.118	16.356	15.862	15.759
85.5	15.470	15.161	14.584	14.214	14.234
86.0	13.472	13.225	12.854	12.689	12.689
86.5	11.536	11.371	11.124	11.083	11.124
87.0	9.641	9.579	9.435	9.435	9.496
87.5	7.828	7.766	7.787	7.890	7.931
88.0	6.077	6.118	6.303	6.448	6.509
88.5	4.449	4.594	4.944	4.985	5.026
89.0	3.008	3.234	3.440	3.111	3.090
89.5	2.081	2.142	1.607	1.524	1.689
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 : LRX2-6-L4-940-(L2)-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 : LRX2-6-L4-940-(L2)-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 : LRX2-6-L4-940-(L2)-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 : LRX2-6-L4-940-(L2)-DMA-DIM-UNV_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	177.89	N.A.	15.70
0-30	364.20	N.A.	32.10
0-40	571.62	N.A.	50.40
0-60	932.02	N.A.	82.20
0-80	1115.26	N.A.	98.30
0-90	1134.03	N.A.	100.00
10-90	1086.9	N.A.	95.80
20-40	393.73	N.A.	34.70
20-50	590.56	N.A.	52.10
40-70	478.15	N.A.	42.20
60-80	183.24	N.A.	16.20
70-80	65.49	N.A.	5.80
80-90	18.77	N.A.	1.70
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	1134.03	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	47.14
10-20	130.76
20-30	186.31
30-40	207.42
40-50	196.83
50-60	163.57
60-70	117.76
70-80	65.49
80-90	18.77
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 : LRX2-6-L4-940-(L2)-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	109	105	101	97	107	103	99	96	98	95	93	94	92	90	91	89	87	85
2	100	92	86	80	97	90	84	79	87	82	77	84	79	76	81	77	74	72
3	92	82	74	68	89	80	73	67	77	71	66	74	69	65	72	67	64	61
4	84	73	64	58	82	72	64	58	69	62	57	67	61	56	65	60	55	53
5	78	65	57	50	76	64	56	50	62	55	50	60	54	49	59	53	49	47
6	72	59	51	44	70	58	50	44	57	49	44	55	48	44	53	48	43	41
7	67	54	46	40	65	53	45	39	52	44	39	50	44	39	49	43	39	37
8	63	50	41	36	61	49	41	36	48	40	35	46	40	35	45	39	35	33
9	59	46	38	32	57	45	37	32	44	37	32	43	36	32	42	36	32	30
10	55	42	35	29	54	42	34	29	41	34	29	40	34	29	39	33	29	27

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-6-L4-940-(L2)-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

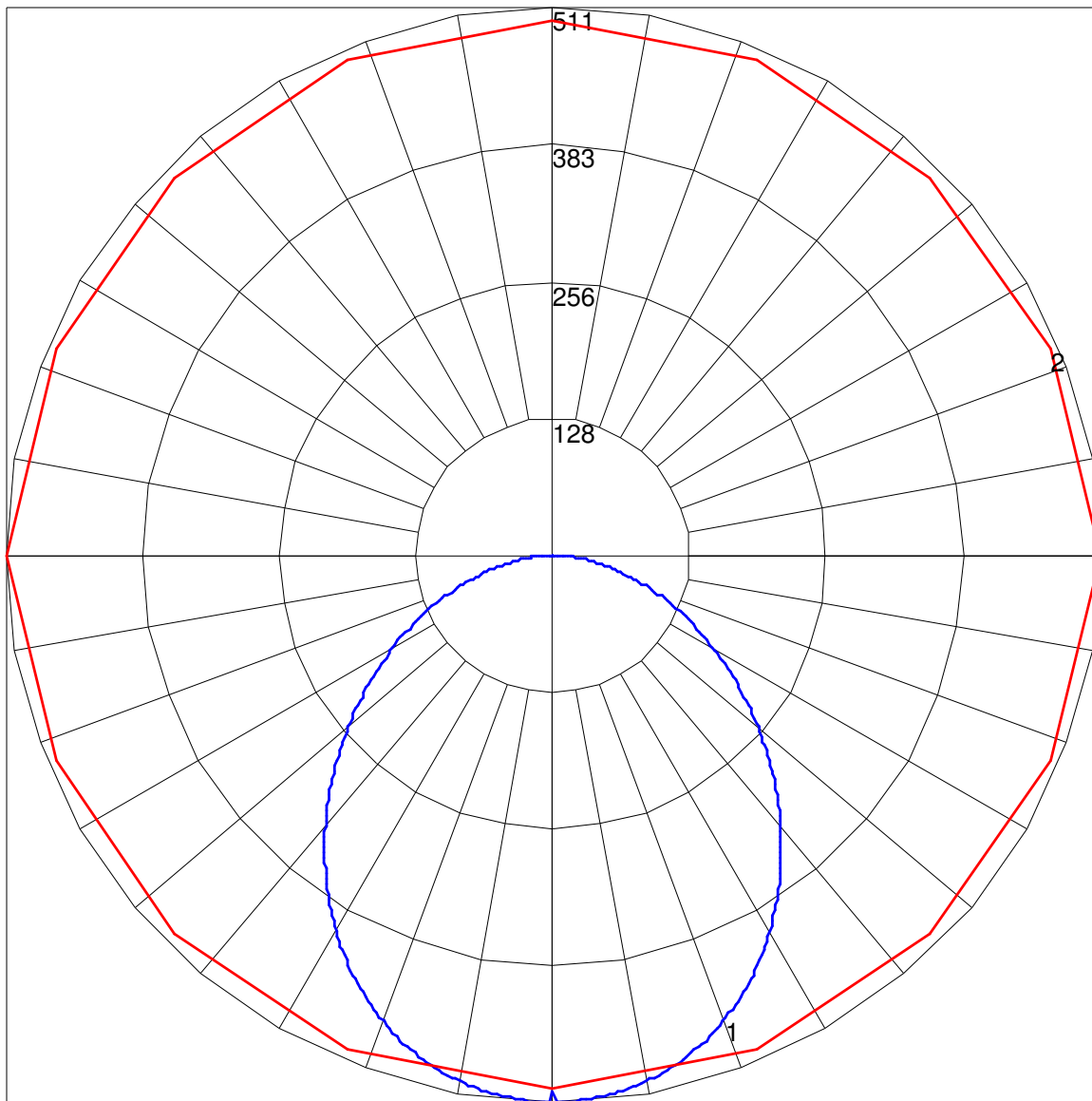
X=2H	Y=2H	16.8	18.3	17.1	18.7	19.0	15.6	17.2	16.0	17.5	17.8
	3H	18.5	19.9	18.9	20.2	20.6	17.3	18.7	17.6	19.0	19.4
	4H	19.1	20.4	19.5	20.8	21.2	17.9	19.2	18.3	19.6	19.9
	6H	19.5	20.8	20.0	21.1	21.5	18.3	19.6	18.7	19.9	20.3
	8H	19.7	20.9	20.1	21.3	21.7	18.5	19.7	18.9	20.1	20.5
	12H	19.8	20.9	20.2	21.3	21.7	18.6	19.7	19.0	20.1	20.5

UGR Viewed Endwise

4H	2H	17.2	18.5	17.6	18.9	19.3	16.3	17.6	16.7	17.9	18.3
	3H	19.2	20.3	19.6	20.7	21.1	18.2	19.3	18.6	19.7	20.1
	4H	19.9	20.9	20.3	21.3	21.8	18.9	19.9	19.3	20.3	20.7
	6H	20.5	21.4	20.9	21.8	22.3	19.5	20.3	19.9	20.8	21.2
	8H	20.7	21.5	21.1	21.9	22.4	19.7	20.5	20.1	20.9	21.4
	12H	20.8	21.6	21.3	22.0	22.5	19.8	20.5	20.3	21.0	21.5
8H	4H	20.1	20.9	20.6	21.4	21.8	19.2	20.0	19.7	20.5	20.9
	6H	20.8	21.5	21.3	22.0	22.5	19.9	20.6	20.4	21.1	21.6
	8H	21.1	21.7	21.6	22.2	22.7	20.2	20.8	20.7	21.3	21.8
	12H	21.3	21.8	21.8	22.3	22.9	20.4	21.0	20.9	21.4	22.0
12H	4H	20.1	20.9	20.6	21.3	21.8	19.3	20.0	19.7	20.5	20.9
	6H	20.9	21.5	21.4	21.9	22.5	20.0	20.6	20.5	21.1	21.6
	8H	21.2	21.7	21.7	22.2	22.8	20.3	20.8	20.8	21.3	21.9

Maximum UGR = 22.9

POLAR GRAPH



Maximum Candela = 511.278 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.)