



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-2-L10-940-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] GEN FROM 14853501.01
 [TESTLAB] UL Verification Services Inc.
 [ISSUEDATE] 2023-07-25
 [TESTDATE] 6/19/2023
 [MANUFAC] H.E. WILLIAMS, INC. - CARTHAGE, MO.
 [LUMCAT] LRX2-2-L10-940-DMA-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	1732
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	95
Total Luminaire Watts	18.2
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)	2.00 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	20229	17449	15916
55	18032	15334	14037
65	15897	13517	12443
75	13112	11507	10724
85	9891	9229	8892

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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	767.383	767.383	767.383	767.383	767.383
0.5	780.912	768.013	763.608	765.496	761.720
1.0	780.912	767.698	763.608	765.496	761.405
1.5	780.598	767.698	763.293	765.181	761.091
2.0	780.283	767.069	762.664	764.866	760.147
2.5	779.969	766.439	762.349	763.922	759.518
3.0	779.339	765.810	761.405	763.293	758.259
3.5	778.710	765.181	760.461	762.035	757.001
4.0	778.081	764.552	759.518	761.091	756.057
4.5	777.451	763.608	758.574	759.832	754.483
5.0	776.822	762.664	757.001	758.259	752.910
5.5	775.564	761.405	755.742	756.371	750.708
6.0	774.620	760.147	754.169	754.798	748.820
6.5	773.676	759.203	752.596	752.596	746.618
7.0	772.417	757.630	751.023	750.393	744.415
7.5	771.159	756.371	749.135	748.191	741.898
8.0	769.900	754.483	747.247	745.674	739.696
8.5	768.327	752.910	745.045	743.157	736.864
9.0	766.754	751.337	742.842	740.325	734.032
9.5	765.181	749.449	740.325	737.179	730.886
10.0	763.608	747.562	737.808	734.347	728.055
10.5	761.720	745.674	735.291	731.201	724.279
11.0	759.832	743.471	732.459	728.055	720.818
11.5	757.630	741.269	729.628	724.594	717.357
12.0	755.427	738.752	726.481	721.133	713.582
12.5	753.540	736.235	723.335	717.357	709.491
13.0	751.023	733.718	720.189	713.582	705.716
13.5	748.505	730.886	716.728	709.491	701.626
14.0	746.303	728.055	713.582	705.716	697.535
14.5	743.471	725.223	709.806	701.626	693.131
15.0	740.954	722.391	706.345	697.221	689.040
15.5	738.123	719.245	702.255	692.816	684.321
16.0	735.920	716.413	698.479	688.411	679.601
16.5	733.718	713.267	694.389	683.692	674.882
17.0	730.886	710.121	690.299	678.972	670.163
17.5	726.796	706.974	686.209	674.253	665.128
18.0	723.020	704.143	682.118	669.219	659.780
18.5	719.245	700.367	677.714	664.185	654.431
19.0	716.099	696.277	673.309	658.836	649.082
19.5	712.638	692.187	668.904	653.487	643.419
20.0	709.177	688.096	664.185	648.453	637.441
20.5	705.401	684.006	659.780	643.104	631.778
21.0	701.626	680.231	655.060	637.441	625.800
21.5	697.850	676.141	650.341	632.092	620.136
22.0	693.760	671.736	645.307	626.429	614.158
22.5	689.984	667.645	640.587	620.451	608.495
23.0	685.579	663.241	636.182	614.788	602.832
23.5	681.489	658.521	631.148	609.124	596.854
24.0	677.084	654.116	625.485	603.461	591.190
24.5	672.680	649.397	620.136	597.798	585.212
25.0	668.275	644.992	614.473	591.820	579.234
25.5	663.870	639.958	609.124	586.156	573.256
26.0	659.150	635.239	603.461	580.178	567.593
26.5	654.746	630.204	598.112	574.515	561.930

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CANDELA TABULATION - (Cont.)

27.0	649.712	625.485	592.449	568.852	555.952
27.5	644.992	620.136	587.100	563.188	549.659
28.0	640.273	615.102	581.437	557.525	543.996
28.5	635.553	610.068	575.773	551.547	538.332
29.0	630.519	604.719	570.425	545.569	532.669
29.5	625.170	599.371	564.761	539.591	527.006
30.0	620.136	594.022	559.098	533.928	521.028
30.5	614.788	588.988	553.749	528.264	515.050
31.0	609.439	583.639	548.086	522.286	509.072
31.5	603.776	577.976	542.108	516.308	503.408
32.0	598.427	572.627	536.445	510.330	497.431
32.5	592.763	566.964	530.781	504.352	491.453
33.0	587.415	561.300	524.803	498.374	485.475
33.5	581.751	555.637	519.140	492.711	479.497
34.0	576.088	549.974	513.477	486.733	473.519
34.5	570.739	543.996	507.184	480.755	467.541
35.0	565.076	538.332	501.521	474.462	461.563
35.5	559.413	532.354	495.543	468.485	455.899
36.0	553.435	526.691	489.879	462.821	449.921
36.5	547.771	520.713	483.901	456.843	444.258
37.0	542.108	514.735	477.923	450.551	438.280
37.5	536.130	508.757	471.945	444.887	432.931
38.0	530.467	502.779	465.967	438.909	426.953
38.5	524.489	496.801	460.304	433.246	421.290
39.0	518.511	490.823	454.012	427.268	415.627
39.5	512.533	484.845	448.034	421.605	409.963
40.0	506.240	478.867	442.056	415.627	404.300
40.5	499.948	472.889	436.078	410.278	398.951
41.0	493.970	466.911	430.100	404.615	392.973
41.5	487.677	460.619	424.122	398.951	387.310
42.0	481.384	454.641	418.458	392.973	381.961
42.5	475.406	448.348	412.480	387.310	376.298
43.0	469.114	442.370	406.817	381.961	370.949
43.5	462.821	436.078	400.524	376.612	365.600
44.0	456.529	430.100	394.861	370.949	360.252
44.5	450.236	424.122	388.883	365.286	354.903
45.0	444.258	417.829	383.220	359.937	349.554
45.5	437.965	411.851	377.556	354.588	344.206
46.0	431.673	405.873	371.893	349.240	339.171
46.5	425.695	399.580	365.915	343.891	333.823
47.0	419.402	393.603	360.252	338.542	328.789
47.5	413.424	387.625	354.903	332.879	323.755
48.0	407.132	381.647	349.240	327.845	318.406
48.5	400.839	375.669	343.891	322.496	313.561
49.0	394.861	369.376	337.913	317.462	308.495
49.5	388.568	363.398	332.564	312.082	303.429
50.0	382.590	357.735	326.901	306.827	298.364
50.5	376.298	351.757	321.552	301.856	293.550
51.0	370.320	345.779	315.889	296.980	288.768
51.5	364.027	339.801	310.572	292.008	283.545
52.0	358.049	334.137	305.034	286.880	278.637
52.5	351.757	328.159	299.560	281.751	273.917
53.0	345.779	322.496	294.148	276.686	268.883
53.5	339.486	316.833	288.988	271.935	264.321
54.0	333.508	310.886	283.765	267.247	259.507
54.5	327.530	305.066	278.448	262.433	254.788

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CANDELA TABULATION - (Cont.)

55.0	321.238	299.371	273.162	257.462	250.068
55.5	315.260	293.739	268.034	252.428	245.254
56.0	309.250	288.138	263.031	247.583	240.692
56.5	303.367	282.601	257.934	243.020	236.162
57.0	297.451	277.001	252.900	238.521	231.820
57.5	291.662	271.526	248.023	233.770	227.320
58.0	285.905	266.146	243.052	228.925	222.695
58.5	280.336	260.766	237.986	224.174	218.196
59.0	274.641	255.543	232.952	219.580	213.980
59.5	269.040	250.320	228.044	215.081	209.638
60.0	263.408	245.160	223.325	210.708	205.170
60.5	257.934	240.000	218.668	206.303	200.797
61.0	252.491	234.809	213.949	201.804	196.581
61.5	247.016	229.617	209.040	197.273	192.239
62.0	241.542	224.583	204.258	192.805	187.897
62.5	236.099	219.612	199.727	188.495	183.681
63.0	230.624	214.546	195.385	184.279	179.560
63.5	225.118	209.512	191.044	180.315	175.438
64.0	219.643	204.447	186.576	176.350	171.316
64.5	214.169	199.413	181.951	172.071	167.289
65.0	208.663	194.442	177.420	167.604	163.325
65.5	203.188	189.439	173.141	163.576	159.423
66.0	197.745	184.436	168.956	159.958	155.679
66.5	192.271	179.465	164.709	156.245	151.872
67.0	186.827	174.557	160.273	152.218	147.971
67.5	181.416	169.680	155.805	147.876	144.006
68.0	176.004	164.740	151.337	143.408	139.948
68.5	170.655	159.832	146.901	139.255	135.920
69.0	165.370	154.924	142.685	135.385	132.019
69.5	160.084	150.142	138.532	131.547	128.086
70.0	154.830	145.359	134.127	127.331	123.933
70.5	149.670	140.545	129.628	122.800	119.811
71.0	144.478	135.732	125.191	118.458	115.752
71.5	139.381	130.981	120.849	114.557	111.820
72.0	134.316	126.387	116.696	110.939	108.013
72.5	129.313	121.856	112.701	107.195	104.363
73.0	124.405	117.357	108.642	103.199	100.650
73.5	119.528	112.826	104.457	99.203	96.812
74.0	114.746	108.359	100.273	95.364	93.162
74.5	110.026	103.985	96.308	91.746	89.733
75.0	105.401	99.738	92.501	88.191	86.209
75.5	100.839	95.522	88.757	84.604	82.590
76.0	96.340	91.337	84.919	81.049	79.161
76.5	91.904	87.121	81.112	77.399	75.794
77.0	87.499	82.999	77.273	73.812	72.302
77.5	83.188	78.941	73.623	70.288	68.747
78.0	78.878	74.913	70.068	66.859	65.380
78.5	74.630	70.949	66.513	63.461	62.171
79.0	70.509	67.079	62.958	60.126	58.993
79.5	66.418	63.272	59.465	56.854	55.847
80.0	62.423	59.528	56.067	53.582	52.669
80.5	58.458	55.847	52.701	50.341	49.428
81.0	54.620	52.229	49.303	47.163	46.251
81.5	50.876	48.705	46.030	44.080	43.230
82.0	47.195	45.307	42.916	41.122	40.336
82.5	43.608	41.972	39.832	38.259	37.535

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CANDELA TABULATION - (Cont.)

83.0	40.084	38.668	36.812	35.364	34.798
83.5	36.623	35.396	33.760	32.501	32.061
84.0	33.256	32.250	30.708	29.670	29.261
84.5	29.984	29.166	27.750	26.901	26.555
85.0	26.775	26.146	24.982	24.227	24.069
85.5	23.629	23.157	22.276	21.709	21.741
86.0	20.577	20.199	19.633	19.381	19.381
86.5	17.619	17.368	16.990	16.927	16.990
87.0	14.725	14.630	14.410	14.410	14.504
87.5	11.956	11.862	11.893	12.050	12.113
88.0	9.282	9.345	9.628	9.848	9.942
88.5	6.796	7.016	7.551	7.614	7.677
89.0	4.594	4.940	5.254	4.751	4.719
89.5	3.178	3.272	2.454	2.328	2.580
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
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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 : LRX2-2-L10-940-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	271.71	N.A.	15.70
0-30	556.27	N.A.	32.10
0-40	873.08	N.A.	50.40
0-60	1423.54	N.A.	82.20
0-80	1703.42	N.A.	98.30
0-90	1732.09	N.A.	100.00
10-90	1660.09	N.A.	95.80
20-40	601.37	N.A.	34.70
20-50	902.00	N.A.	52.10
40-70	730.31	N.A.	42.20
60-80	279.88	N.A.	16.20
70-80	100.02	N.A.	5.80
80-90	28.67	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	1732.09	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	71.99
10-20	199.72
20-30	284.56
30-40	316.81
40-50	300.63
50-60	249.83
60-70	179.86
70-80	100.02
80-90	28.67
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 : LRX2-2-L10-940-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	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 : LRX2-2-L10-940-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

X=2H	Y=2H	21.8	23.4	22.2	23.7	24.0	20.7	22.2	21.0	22.5	22.9
	3H	23.5	25.0	23.9	25.3	25.7	22.3	23.8	22.7	24.1	24.4
	4H	24.2	25.5	24.6	25.8	26.2	22.9	24.3	23.3	24.6	25.0
	6H	24.6	25.8	25.0	26.2	26.6	23.4	24.6	23.8	25.0	25.4
	8H	24.8	25.9	25.2	26.3	26.7	23.6	24.7	24.0	25.1	25.5
	12H	24.8	26.0	25.3	26.4	26.8	23.7	24.8	24.1	25.2	25.6

UGR Viewed Endwise

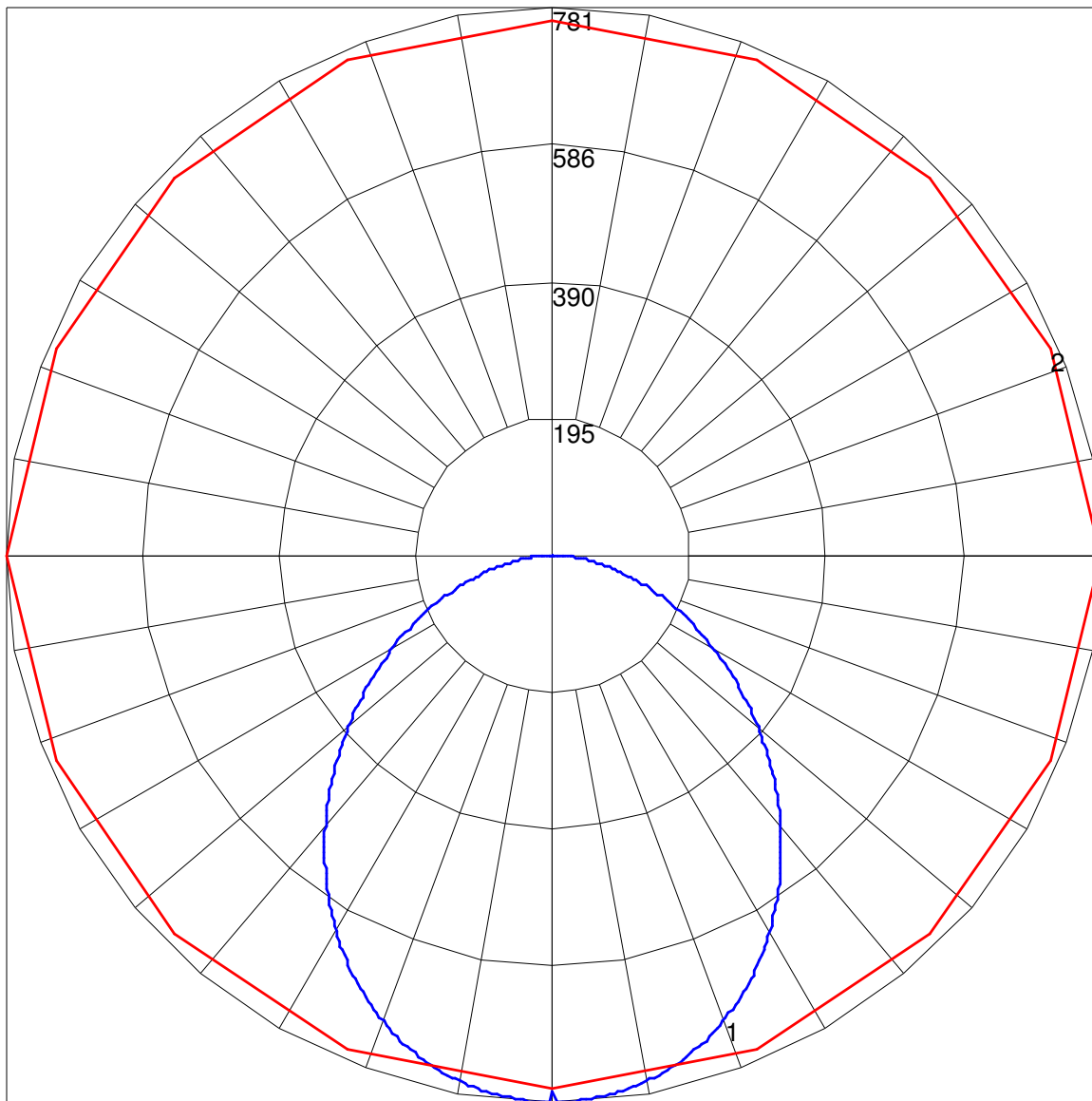
4H	2H	22.3	23.6	22.7	24.0	24.3	21.3	22.7	21.7	23.0	23.4
	3H	24.2	25.3	24.6	25.7	26.1	23.2	24.3	23.6	24.7	25.1
	4H	25.0	26.0	25.4	26.4	26.8	24.0	25.0	24.4	25.4	25.8
	6H	25.6	26.4	26.0	26.9	27.3	24.5	25.4	25.0	25.9	26.3
	8H	25.8	26.6	26.2	27.0	27.5	24.7	25.5	25.2	26.0	26.5
	12H	25.9	26.6	26.4	27.1	27.6	24.9	25.6	25.4	26.1	26.6

8H	4H	25.2	26.0	25.7	26.4	26.9	24.3	25.1	24.8	25.5	26.0
	6H	25.9	26.6	26.4	27.1	27.5	25.0	25.7	25.5	26.2	26.6
	8H	26.1	26.8	26.6	27.3	27.8	25.2	25.9	25.8	26.4	26.9
	12H	26.4	26.9	26.9	27.4	28.0	25.5	26.0	26.0	26.5	27.1

12H	4H	25.2	25.9	25.7	26.4	26.9	24.3	25.1	24.8	25.5	26.0
	6H	25.9	26.5	26.4	27.0	27.5	25.1	25.7	25.6	26.1	26.7
	8H	26.2	26.8	26.7	27.3	27.8	25.4	25.9	25.9	26.4	27.0

Maximum UGR = 28.0

POLAR GRAPH



Maximum Candela = 780.912 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.)