



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-2-L10-850-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-L10-850-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	2135
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	117
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	24933	21507	19618
55	22226	18900	17302
65	19594	16660	15337
75	16161	14183	13218
85	12192	11375	10960

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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	945.845	945.845	945.845	945.845	945.845
0.5	962.520	946.620	941.191	943.518	938.864
1.0	962.520	946.232	941.191	943.518	938.476
1.5	962.132	946.232	940.803	943.130	938.089
2.0	961.744	945.457	940.028	942.742	936.925
2.5	961.357	944.681	939.640	941.579	936.150
3.0	960.581	943.906	938.476	940.803	934.598
3.5	959.805	943.130	937.313	939.252	933.047
4.0	959.030	942.354	936.150	938.089	931.884
4.5	958.254	941.191	934.986	936.537	929.945
5.0	957.479	940.028	933.047	934.598	928.006
5.5	955.927	938.476	931.496	932.272	925.291
6.0	954.764	936.925	929.557	930.333	922.964
6.5	953.601	935.762	927.618	927.618	920.250
7.0	952.049	933.823	925.679	924.903	917.535
7.5	950.498	932.272	923.352	922.189	914.433
8.0	948.947	929.945	921.025	919.086	911.718
8.5	947.008	928.006	918.311	915.984	908.228
9.0	945.069	926.067	915.596	912.494	904.738
9.5	943.130	923.740	912.494	908.616	900.860
10.0	941.191	921.413	909.391	905.126	897.370
10.5	938.864	919.086	906.289	901.248	892.716
11.0	936.537	916.372	902.799	897.370	888.450
11.5	933.823	913.657	899.309	893.104	884.184
12.0	931.108	910.555	895.431	888.838	879.531
12.5	928.781	907.452	891.553	884.184	874.489
13.0	925.679	904.350	887.675	879.531	869.836
13.5	922.577	900.860	883.409	874.489	864.794
14.0	919.862	897.370	879.531	869.836	859.753
14.5	916.372	893.879	874.877	864.794	854.324
15.0	913.269	890.389	870.611	859.365	849.282
15.5	909.779	886.511	865.570	853.936	843.465
16.0	907.065	883.021	860.916	848.507	837.648
16.5	904.350	879.143	855.875	842.690	831.831
17.0	900.860	875.265	850.834	836.873	826.014
17.5	895.818	871.387	845.792	831.056	819.810
18.0	891.165	867.897	840.751	824.851	813.217
18.5	886.511	863.243	835.322	818.646	806.624
19.0	882.633	858.202	829.892	812.054	800.032
19.5	878.367	853.160	824.463	805.461	793.051
20.0	874.102	848.119	818.646	799.256	785.683
20.5	869.448	843.078	813.217	792.664	778.703
21.0	864.794	838.424	807.400	785.683	771.335
21.5	860.141	833.383	801.583	779.091	764.354
22.0	855.099	827.953	795.378	772.110	756.986
22.5	850.446	822.912	789.561	764.742	750.006
23.0	845.017	817.483	784.132	757.762	743.025
23.5	839.975	811.666	777.927	750.781	735.657
24.0	834.546	806.237	770.947	743.801	728.677
24.5	829.117	800.420	764.354	736.820	721.308
25.0	823.688	794.990	757.374	729.452	713.940
25.5	818.258	788.786	750.781	722.472	706.572
26.0	812.441	782.969	743.801	715.104	699.592
26.5	807.012	776.764	737.208	708.123	692.611

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CANDELA TABULATION - (Cont.)

27.0	800.807	770.947	730.228	701.143	685.243
27.5	794.990	764.354	723.635	694.162	677.487
28.0	789.173	758.149	716.655	687.182	670.507
28.5	783.356	751.945	709.674	679.814	663.526
29.0	777.152	745.352	703.082	672.446	656.546
29.5	770.559	738.759	696.101	665.077	649.565
30.0	764.354	732.167	689.121	658.097	642.197
30.5	757.762	725.962	682.528	651.117	634.829
31.0	751.169	719.369	675.548	643.748	627.461
31.5	744.189	712.389	668.180	636.380	620.480
32.0	737.596	705.796	661.199	629.012	613.112
32.5	730.616	698.816	654.219	621.644	605.744
33.0	724.023	691.836	646.851	614.275	598.376
33.5	717.043	684.855	639.870	607.295	591.007
34.0	710.062	677.875	632.890	599.927	583.639
34.5	703.470	670.507	625.134	592.559	576.271
35.0	696.489	663.526	618.153	584.803	568.903
35.5	689.509	656.158	610.785	577.434	561.922
36.0	682.141	649.178	603.805	570.454	554.554
36.5	675.160	641.809	596.437	563.086	547.574
37.0	668.180	634.441	589.068	555.330	540.206
37.5	660.812	627.073	581.700	548.349	533.613
38.0	653.831	619.705	574.332	540.981	526.245
38.5	646.463	612.336	567.352	534.001	519.264
39.0	639.095	604.968	559.596	526.633	512.284
39.5	631.727	597.600	552.227	519.652	505.304
40.0	623.971	590.232	544.859	512.284	498.323
40.5	616.214	582.864	537.491	505.691	491.731
41.0	608.846	575.495	530.123	498.711	484.362
41.5	601.090	567.739	522.755	491.731	477.382
42.0	593.334	560.371	515.774	484.362	470.789
42.5	585.966	552.615	508.406	477.382	463.809
43.0	578.210	545.247	501.426	470.789	457.216
43.5	570.454	537.491	493.670	464.197	450.624
44.0	562.698	530.123	486.689	457.216	444.031
44.5	554.942	522.755	479.321	450.236	437.439
45.0	547.574	514.999	472.341	443.643	430.846
45.5	539.818	507.630	465.360	437.051	424.253
46.0	532.062	500.262	458.380	430.458	418.049
46.5	524.694	492.506	451.012	423.866	411.456
47.0	516.938	485.138	444.031	417.273	405.251
47.5	509.569	477.770	437.439	410.293	399.046
48.0	501.813	470.402	430.458	404.088	392.454
48.5	494.057	463.033	423.866	397.495	386.482
49.0	486.689	455.277	416.497	391.290	380.238
49.5	478.933	447.909	409.905	384.659	373.995
50.0	471.565	440.929	402.924	378.183	367.751
50.5	463.809	433.561	396.332	372.055	361.818
51.0	456.441	426.192	389.351	366.045	355.923
51.5	448.685	418.824	382.798	359.917	349.486
52.0	441.317	411.844	375.972	353.596	343.436
52.5	433.561	404.476	369.225	347.275	337.619
53.0	426.192	397.495	362.554	341.031	331.414
53.5	418.436	390.515	356.194	335.176	325.791
54.0	411.068	383.185	349.757	329.397	319.858
54.5	403.700	376.011	343.203	323.464	314.041

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CANDELA TABULATION - (Cont.)

55.0	395.944	368.992	336.688	317.337	308.224
55.5	388.576	362.050	330.367	311.132	302.290
56.0	381.169	355.147	324.201	305.160	296.667
56.5	373.917	348.322	317.919	299.537	291.083
57.0	366.626	341.419	311.714	293.991	285.731
57.5	359.491	334.672	305.703	288.136	280.186
58.0	352.394	328.040	299.576	282.163	274.485
58.5	345.530	321.409	293.332	276.308	268.939
59.0	338.511	314.971	287.127	270.646	263.743
59.5	331.608	308.534	281.078	265.100	258.391
60.0	324.666	302.174	275.261	259.710	252.885
60.5	317.919	295.814	269.521	254.281	247.494
61.0	311.210	289.415	263.704	248.735	242.298
61.5	304.462	283.017	257.654	243.151	236.946
62.0	297.714	276.812	251.760	237.644	231.594
62.5	291.005	270.685	246.176	232.331	226.398
63.0	284.258	264.441	240.824	227.135	221.318
63.5	277.471	258.236	235.472	222.248	216.237
64.0	270.723	251.993	229.966	217.362	211.157
64.5	263.976	245.788	224.265	212.088	206.193
65.0	257.189	239.661	218.681	206.581	201.307
65.5	250.441	233.494	213.406	201.617	196.498
66.0	243.732	227.328	208.249	197.158	191.884
66.5	236.985	221.201	203.013	192.582	187.191
67.0	230.276	215.152	197.545	187.618	182.382
67.5	223.606	209.141	192.039	182.266	177.496
68.0	216.935	203.052	186.532	176.759	172.494
68.5	210.343	197.002	181.064	171.640	167.530
69.0	203.828	190.953	175.867	166.870	162.721
69.5	197.313	185.058	170.748	162.139	157.873
70.0	190.836	179.164	165.319	156.943	152.754
70.5	184.477	173.230	159.774	151.358	147.674
71.0	178.078	167.297	154.306	146.007	142.672
71.5	171.795	161.441	148.954	141.198	137.824
72.0	165.552	155.779	143.835	136.738	133.132
72.5	159.386	150.195	138.910	132.124	128.633
73.0	153.336	144.649	133.907	127.198	124.057
73.5	147.325	139.065	128.750	122.273	119.326
74.0	141.431	133.558	123.592	117.542	114.828
74.5	135.614	128.168	118.706	113.083	110.601
75.0	129.913	122.933	114.013	108.700	106.257
75.5	124.290	117.736	109.398	104.279	101.798
76.0	118.744	112.578	104.667	99.897	97.571
76.5	113.276	107.382	99.975	95.399	93.421
77.0	107.847	102.302	95.244	90.978	89.116
77.5	102.534	97.299	90.745	86.635	84.734
78.0	97.222	92.335	86.363	82.408	80.585
78.5	91.986	87.449	81.981	78.219	76.629
79.0	86.906	82.679	77.599	74.109	72.713
79.5	81.865	77.987	73.294	70.075	68.835
80.0	76.940	73.372	69.106	66.042	64.918
80.5	72.053	68.835	64.957	62.048	60.923
81.0	67.322	64.375	60.768	58.131	57.007
81.5	62.707	60.031	56.735	54.331	53.284
82.0	58.170	55.843	52.896	50.685	49.716
82.5	53.749	51.733	49.096	47.157	46.265

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CANDELA TABULATION - (Cont.)

83.0	49.406	47.661	45.373	43.589	42.891
83.5	45.140	43.628	41.611	40.060	39.517
84.0	40.990	39.750	37.849	36.570	36.065
84.5	36.957	35.949	34.204	33.157	32.730
85.0	33.002	32.226	30.791	29.861	29.667
85.5	29.124	28.542	27.456	26.758	26.797
86.0	25.362	24.897	24.199	23.888	23.888
86.5	21.717	21.407	20.941	20.864	20.941
87.0	18.149	18.033	17.761	17.761	17.878
87.5	14.736	14.620	14.659	14.853	14.930
88.0	11.440	11.518	11.867	12.138	12.254
88.5	8.376	8.648	9.307	9.385	9.462
89.0	5.662	6.088	6.476	5.856	5.817
89.5	3.917	4.033	3.025	2.870	3.180
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 : LRX2-2-L10-850-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 : LRX2-2-L10-850-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	334.90	N.A.	15.70
0-30	685.64	N.A.	32.10
0-40	1076.12	N.A.	50.40
0-60	1754.59	N.A.	82.20
0-80	2099.56	N.A.	98.30
0-90	2134.9	N.A.	100.00
10-90	2046.16	N.A.	95.80
20-40	741.22	N.A.	34.70
20-50	1111.77	N.A.	52.10
40-70	900.15	N.A.	42.20
60-80	344.97	N.A.	16.20
70-80	123.29	N.A.	5.80
80-90	35.34	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	2134.9	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	88.74
10-20	246.17
20-30	350.74
30-40	390.49
40-50	370.54
50-60	307.93
60-70	221.68
70-80	123.29
80-90	35.34
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-L10-850-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-L10-850-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

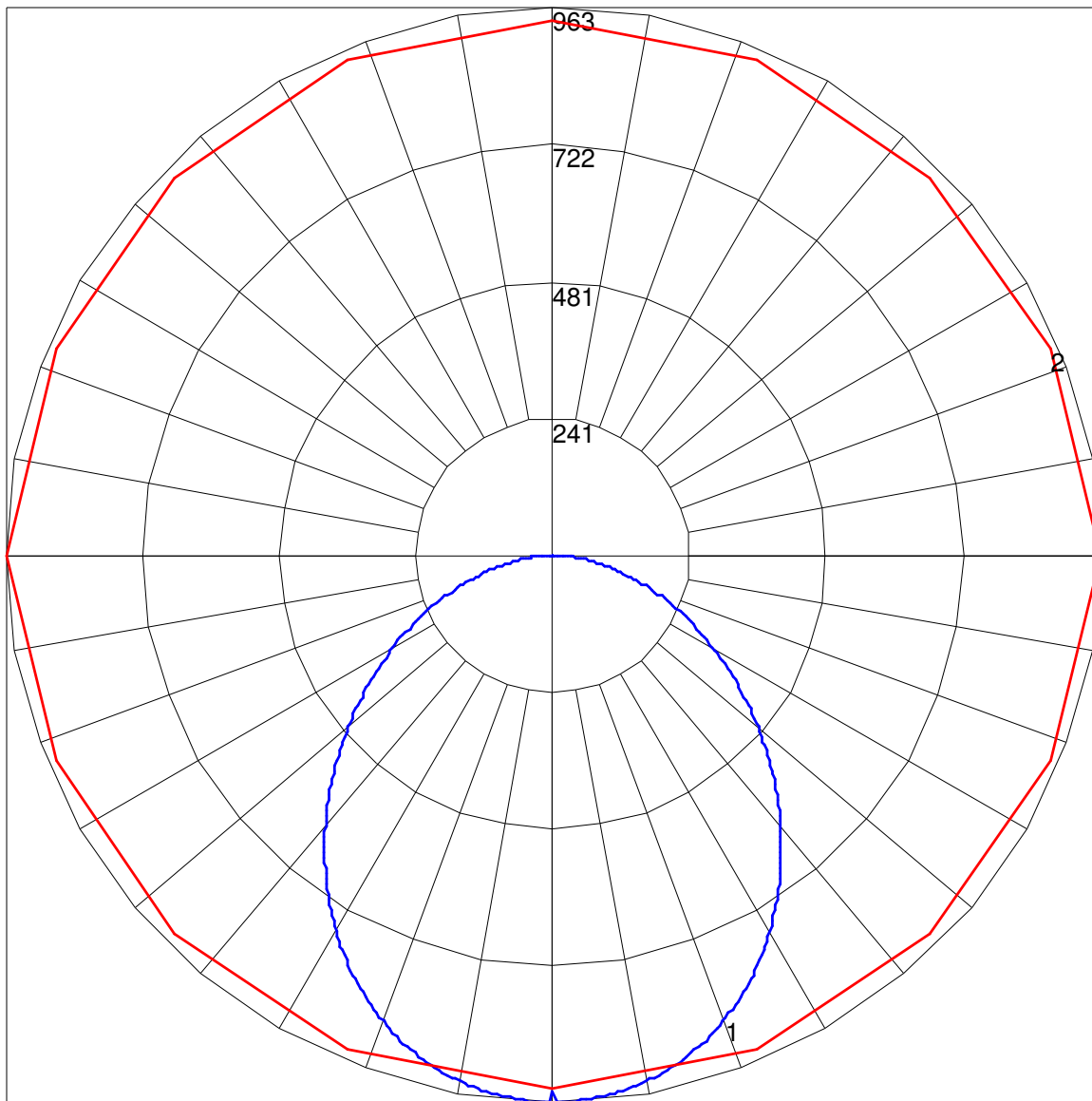
Reflectances

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	22.5	24.1	22.9	24.4	24.7	21.4	22.9	21.7	23.3	23.6
	3H	24.2	25.7	24.6	26.0	26.4	23.0	24.5	23.4	24.8	25.1
	4H	24.9	26.2	25.3	26.5	26.9	23.6	25.0	24.0	25.3	25.7
	6H	25.3	26.5	25.7	26.9	27.3	24.1	25.3	24.5	25.7	26.1
	8H	25.5	26.6	25.9	27.0	27.4	24.3	25.4	24.7	25.8	26.2
	12H	25.5	26.7	26.0	27.1	27.5	24.4	25.5	24.8	25.9	26.3
4H	2H	23.0	24.3	23.4	24.7	25.0	22.0	23.4	22.4	23.7	24.1
	3H	24.9	26.0	25.3	26.4	26.8	23.9	25.0	24.3	25.4	25.8
	4H	25.7	26.7	26.1	27.1	27.5	24.7	25.7	25.1	26.1	26.5
	6H	26.3	27.1	26.7	27.6	28.0	25.2	26.1	25.7	26.6	27.0
	8H	26.5	27.3	26.9	27.7	28.2	25.4	26.3	25.9	26.7	27.2
	12H	26.6	27.3	27.1	27.8	28.3	25.6	26.3	26.1	26.8	27.3
8H	4H	25.9	26.7	26.4	27.1	27.6	25.0	25.8	25.5	26.2	26.7
	6H	26.6	27.3	27.1	27.8	28.2	25.7	26.4	26.2	26.9	27.3
	8H	26.8	27.5	27.3	28.0	28.5	25.9	26.6	26.5	27.1	27.6
	12H	27.1	27.6	27.6	28.1	28.7	26.2	26.7	26.7	27.2	27.8
12H	4H	25.9	26.6	26.4	27.1	27.6	25.0	25.8	25.5	26.2	26.7
	6H	26.6	27.2	27.1	27.7	28.2	25.8	26.4	26.3	26.8	27.4
	8H	26.9	27.5	27.4	28.0	28.5	26.1	26.6	26.6	27.1	27.7

Maximum UGR = 28.7

POLAR GRAPH



Maximum Candela = 962.52 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.)