



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-2-L8-950-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-L8-950-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	1424
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	103
Total Luminaire Watts	13.8
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	16631	14346	13086
55	14825	12607	11541
65	13070	11113	10230
75	10780	9461	8817
85	8132	7588	7310

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-2-L8-950-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	630.906	630.906	630.906	630.906	630.906
0.5	642.029	631.423	627.802	629.354	626.250
1.0	642.029	631.164	627.802	629.354	625.991
1.5	641.770	631.164	627.543	629.095	625.732
2.0	641.511	630.647	627.026	628.836	624.956
2.5	641.253	630.130	626.767	628.060	624.439
3.0	640.735	629.612	625.991	627.543	623.404
3.5	640.218	629.095	625.215	626.508	622.369
4.0	639.701	628.578	624.439	625.732	621.593
4.5	639.183	627.802	623.663	624.697	620.300
5.0	638.666	627.026	622.369	623.404	619.007
5.5	637.631	625.991	621.335	621.852	617.196
6.0	636.855	624.956	620.041	620.559	615.644
6.5	636.079	624.180	618.748	618.748	613.833
7.0	635.044	622.887	617.455	616.937	612.022
7.5	634.010	621.852	615.903	615.127	609.953
8.0	632.975	620.300	614.351	613.057	608.142
8.5	631.682	619.007	612.540	610.988	605.814
9.0	630.388	617.713	610.729	608.660	603.486
9.5	629.095	616.161	608.660	606.073	600.899
10.0	627.802	614.609	606.590	603.745	598.571
10.5	626.250	613.057	604.521	601.158	595.467
11.0	624.697	611.246	602.193	598.571	592.622
11.5	622.887	609.436	599.865	595.726	589.777
12.0	621.076	607.366	597.278	592.881	586.672
12.5	619.524	605.297	594.691	589.777	583.310
13.0	617.455	603.228	592.105	586.672	580.206
13.5	615.385	600.899	589.259	583.310	576.843
14.0	613.575	598.571	586.672	580.206	573.480
14.5	611.246	596.243	583.568	576.843	569.859
15.0	609.177	593.915	580.723	573.221	566.496
15.5	606.849	591.329	577.360	569.600	562.616
16.0	605.038	589.000	574.256	565.979	558.736
16.5	603.228	586.414	570.893	562.098	554.856
17.0	600.899	583.827	567.531	558.218	550.975
17.5	597.537	581.240	564.168	554.338	546.837
18.0	594.433	578.912	560.805	550.199	542.439
18.5	591.329	575.808	557.184	546.061	538.042
19.0	588.742	572.445	553.562	541.663	533.644
19.5	585.896	569.083	549.941	537.266	528.988
20.0	583.051	565.720	546.061	533.127	524.073
20.5	579.947	562.357	542.439	528.729	519.417
21.0	576.843	559.253	538.559	524.073	514.502
21.5	573.739	555.890	534.679	519.676	509.846
22.0	570.376	552.269	530.540	515.020	504.931
22.5	567.272	548.906	526.660	510.105	500.275
23.0	563.650	545.285	523.039	505.449	495.619
23.5	560.288	541.404	518.900	500.793	490.704
24.0	556.666	537.783	514.244	496.137	486.048
24.5	553.045	533.903	509.846	491.480	481.133
25.0	549.423	530.282	505.190	486.566	476.219
25.5	545.802	526.143	500.793	481.909	471.304
26.0	541.922	522.263	496.137	476.995	466.648
26.5	538.300	518.124	491.739	472.339	461.992

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-2-L8-950-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	534.162	514.244	487.083	467.682	457.077
27.5	530.282	509.846	482.686	463.026	451.903
28.0	526.401	505.707	478.029	458.370	447.247
28.5	522.521	501.569	473.373	453.455	442.591
29.0	518.383	497.171	468.976	448.541	437.935
29.5	513.985	492.774	464.320	443.626	433.279
30.0	509.846	488.376	459.664	438.970	428.364
30.5	505.449	484.238	455.266	434.313	423.449
31.0	501.051	479.840	450.610	429.399	418.534
31.5	496.395	475.184	445.695	424.484	413.878
32.0	491.998	470.787	441.039	419.569	408.963
32.5	487.342	466.130	436.383	414.654	404.049
33.0	482.944	461.474	431.468	409.739	399.134
33.5	478.288	456.818	426.812	405.083	394.219
34.0	473.632	452.162	422.156	400.169	389.304
34.5	469.234	447.247	416.982	395.254	384.389
35.0	464.578	442.591	412.326	390.080	379.475
35.5	459.922	437.676	407.411	385.165	374.818
36.0	455.007	433.020	402.755	380.509	369.904
36.5	450.351	428.105	397.840	375.595	365.248
37.0	445.695	423.191	392.926	370.421	360.333
37.5	440.780	418.276	388.011	365.765	355.935
38.0	436.124	413.361	383.096	360.850	351.020
38.5	431.209	408.446	378.440	356.194	346.364
39.0	426.295	403.531	373.266	351.279	341.708
39.5	421.380	398.616	368.352	346.623	337.052
40.0	416.206	393.702	363.437	341.708	332.396
40.5	411.033	388.787	358.522	337.311	327.999
41.0	406.118	383.872	353.607	332.655	323.084
41.5	400.945	378.699	348.692	327.999	318.428
42.0	395.771	373.784	344.036	323.084	314.030
42.5	390.856	368.610	339.121	318.428	309.374
43.0	385.683	363.696	334.465	314.030	304.977
43.5	380.509	358.522	329.292	309.633	300.579
44.0	375.336	353.607	324.636	304.977	296.182
44.5	370.162	348.692	319.721	300.320	291.784
45.0	365.248	343.519	315.065	295.923	287.387
45.5	360.074	338.604	310.409	291.525	282.989
46.0	354.901	333.689	305.753	287.128	278.850
46.5	349.986	328.516	300.838	282.731	274.453
47.0	344.812	323.601	296.182	278.333	270.314
47.5	339.898	318.686	291.784	273.677	266.175
48.0	334.724	313.771	287.128	269.538	261.778
48.5	329.551	308.857	282.731	265.141	257.794
49.0	324.636	303.683	277.816	261.002	253.630
49.5	319.462	298.768	273.418	256.579	249.465
50.0	314.547	294.112	268.762	252.259	245.300
50.5	309.374	289.197	264.365	248.172	241.343
51.0	304.459	284.283	259.709	244.162	237.411
51.5	299.286	279.368	255.337	240.075	233.117
52.0	294.371	274.712	250.784	235.859	229.082
52.5	289.197	269.797	246.283	231.642	225.202
53.0	284.283	265.141	241.834	227.478	221.063
53.5	279.109	260.485	237.592	223.572	217.312
54.0	274.194	255.596	233.298	219.718	213.354
54.5	269.280	250.810	228.926	215.760	209.474

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-2-L8-950-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	264.106	246.128	224.581	211.673	205.594
55.5	259.191	241.498	220.364	207.534	201.636
56.0	254.251	236.894	216.251	203.550	197.886
56.5	249.413	232.341	212.061	199.800	194.161
57.0	244.550	227.737	207.922	196.101	190.591
57.5	239.791	223.236	203.913	192.195	186.892
58.0	235.057	218.812	199.826	188.211	183.089
58.5	230.478	214.389	195.661	184.305	179.390
59.0	225.796	210.095	191.522	180.529	175.924
59.5	221.192	205.801	187.487	176.829	172.354
60.0	216.562	201.559	183.607	173.234	168.681
60.5	212.061	197.316	179.778	169.612	165.086
61.0	207.586	193.048	175.898	165.913	161.619
61.5	203.085	188.780	171.863	162.189	158.050
62.0	198.584	184.641	167.931	158.515	154.480
62.5	194.109	180.554	164.206	154.972	151.014
63.0	189.608	176.390	160.636	151.505	147.625
63.5	185.081	172.251	157.067	148.246	144.237
64.0	180.580	168.086	153.394	144.987	140.848
64.5	176.079	163.948	149.591	141.469	137.537
65.0	171.553	159.860	145.866	137.796	134.278
65.5	167.052	155.748	142.348	134.485	131.070
66.0	162.577	151.635	138.908	131.510	127.992
66.5	158.076	147.548	135.416	128.457	124.862
67.0	153.601	143.512	131.768	125.146	121.654
67.5	149.151	139.503	128.095	121.577	118.395
68.0	144.702	135.442	124.422	117.904	115.058
68.5	140.305	131.406	120.775	114.489	111.747
69.0	135.959	127.371	117.309	111.307	108.540
69.5	131.613	123.439	113.894	108.152	105.306
70.0	127.293	119.507	110.273	104.685	101.892
70.5	123.051	115.550	106.574	100.960	98.503
71.0	118.783	111.592	102.926	97.391	95.166
71.5	114.593	107.686	99.357	94.183	91.933
72.0	110.428	103.909	95.942	91.208	88.803
72.5	106.315	100.184	92.657	88.130	85.802
73.0	102.280	96.485	89.320	84.845	82.750
73.5	98.270	92.760	85.880	81.560	79.594
74.0	94.338	89.087	82.439	78.404	76.593
74.5	90.458	85.492	79.180	75.429	73.774
75.0	86.656	82.000	76.050	72.506	70.877
75.5	82.905	78.533	72.972	69.557	67.902
76.0	79.206	75.093	69.816	66.634	65.082
76.5	75.559	71.627	66.686	63.634	62.315
77.0	71.937	68.238	63.530	60.685	59.443
77.5	68.393	64.901	60.530	57.788	56.520
78.0	64.850	61.590	57.607	54.968	53.752
78.5	61.357	58.331	54.684	52.175	51.114
79.0	57.969	55.149	51.761	49.433	48.501
79.5	54.606	52.019	48.889	46.742	45.915
80.0	51.321	48.941	46.096	44.052	43.302
80.5	48.062	45.915	43.328	41.388	40.638
81.0	44.906	42.940	40.534	38.775	38.025
81.5	41.828	40.043	37.844	36.240	35.542
82.0	38.801	37.249	35.283	33.809	33.162
82.5	35.852	34.507	32.748	31.455	30.860

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-2-L8-950-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	32.955	31.791	30.265	29.075	28.609
83.5	30.110	29.101	27.756	26.721	26.359
84.0	27.342	26.514	25.247	24.393	24.057
84.5	24.652	23.979	22.815	22.117	21.832
85.0	22.013	21.496	20.539	19.918	19.789
85.5	19.426	19.038	18.314	17.848	17.874
86.0	16.917	16.607	16.141	15.934	15.934
86.5	14.486	14.279	13.968	13.917	13.968
87.0	12.106	12.028	11.847	11.847	11.925
87.5	9.830	9.752	9.778	9.907	9.959
88.0	7.631	7.683	7.915	8.096	8.174
88.5	5.587	5.768	6.208	6.260	6.312
89.0	3.777	4.061	4.320	3.906	3.880
89.5	2.613	2.690	2.018	1.914	2.121
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 : LRX2-2-L8-950-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 : LRX2-2-L8-950-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 : LRX2-2-L8-950-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 : LRX2-2-L8-950-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	223.39	N.A.	15.70
0-30	457.34	N.A.	32.10
0-40	717.80	N.A.	50.40
0-60	1170.36	N.A.	82.20
0-80	1400.47	N.A.	98.30
0-90	1424.04	N.A.	100.00
10-90	1364.85	N.A.	95.80
20-40	494.42	N.A.	34.70
20-50	741.58	N.A.	52.10
40-70	600.43	N.A.	42.20
60-80	230.10	N.A.	16.20
70-80	82.24	N.A.	5.80
80-90	23.57	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	1424.04	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	59.19
10-20	164.20
20-30	233.95
30-40	260.47
40-50	247.16
50-60	205.40
60-70	147.87
70-80	82.24
80-90	23.57
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-L8-950-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	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-L8-950-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

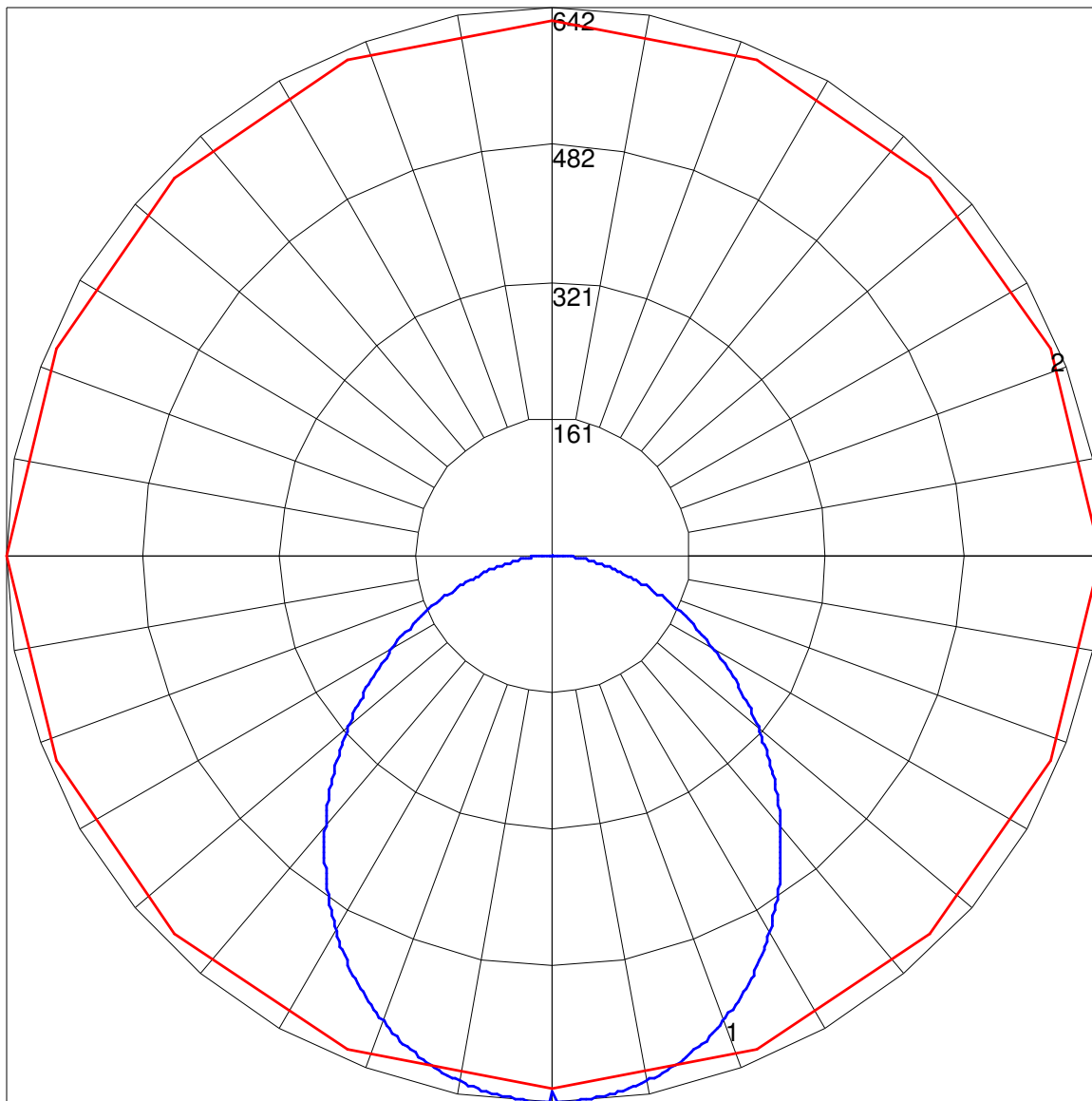
Reflectances

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					UGR Viewed Endwise				
X=2H	Y=2H	21.1	22.7	21.5	23.0	23.3	20.0	21.5	20.3	21.9	22.2
	3H	22.9	24.3	23.2	24.6	25.0	21.6	23.1	22.0	23.4	23.7
	4H	23.5	24.8	23.9	25.1	25.5	22.2	23.6	22.6	23.9	24.3
	6H	23.9	25.1	24.3	25.5	25.9	22.7	23.9	23.1	24.3	24.7
	8H	24.1	25.2	24.5	25.6	26.0	22.9	24.0	23.3	24.4	24.8
	12H	24.1	25.3	24.6	25.7	26.1	23.0	24.1	23.4	24.5	24.9
4H	2H	21.6	22.9	22.0	23.3	23.6	20.6	22.0	21.0	22.3	22.7
	3H	23.5	24.6	23.9	25.0	25.4	22.5	23.6	22.9	24.0	24.4
	4H	24.3	25.3	24.7	25.7	26.1	23.3	24.3	23.7	24.7	25.1
	6H	24.9	25.7	25.3	26.2	26.6	23.8	24.7	24.3	25.2	25.6
	8H	25.1	25.9	25.5	26.3	26.8	24.0	24.9	24.5	25.3	25.8
	12H	25.2	25.9	25.7	26.4	26.9	24.2	24.9	24.7	25.4	25.9
8H	4H	24.5	25.3	25.0	25.8	26.2	23.6	24.4	24.1	24.8	25.3
	6H	25.2	25.9	25.7	26.4	26.8	24.3	25.0	24.8	25.5	25.9
	8H	25.4	26.1	26.0	26.6	27.1	24.5	25.2	25.1	25.7	26.2
	12H	25.7	26.2	26.2	26.7	27.3	24.8	25.3	25.3	25.8	26.4
12H	4H	24.5	25.2	25.0	25.7	26.2	23.6	24.4	24.1	24.8	25.3
	6H	25.2	25.8	25.7	26.3	26.8	24.4	25.0	24.9	25.4	26.0
	8H	25.5	26.1	26.0	26.6	27.1	24.7	25.2	25.2	25.7	26.3

Maximum UGR = 27.3

POLAR GRAPH



Maximum Candela = 642.029 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.)