



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-8-L4-927-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] LRX2-8-L4-927-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	2592
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	90
Total Luminaire Watts	28.8
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)	8.00 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	7568	6528	5955
55	6746	5737	5252
65	5947	5057	4655
75	4905	4305	4012
85	3701	3453	3327

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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	1148.390	1148.390	1148.390	1148.390	1148.390
0.5	1168.637	1149.332	1142.740	1145.565	1139.915
1.0	1168.637	1148.861	1142.740	1145.565	1139.444
1.5	1168.166	1148.861	1142.269	1145.094	1138.973
2.0	1167.695	1147.919	1141.328	1144.623	1137.561
2.5	1167.224	1146.978	1140.857	1143.211	1136.619
3.0	1166.282	1146.036	1139.444	1142.269	1134.736
3.5	1165.341	1145.094	1138.032	1140.386	1132.852
4.0	1164.399	1144.153	1136.619	1138.973	1131.440
4.5	1163.457	1142.740	1135.207	1137.090	1129.086
5.0	1162.516	1141.328	1132.852	1134.736	1126.731
5.5	1160.632	1139.444	1130.969	1131.911	1123.435
6.0	1159.220	1137.561	1128.615	1129.556	1120.610
6.5	1157.807	1136.148	1126.260	1126.260	1117.314
7.0	1155.924	1133.794	1123.906	1122.965	1114.019
7.5	1154.040	1131.911	1121.081	1119.669	1110.252
8.0	1152.157	1129.086	1118.256	1115.902	1106.956
8.5	1149.803	1126.731	1114.960	1112.135	1102.718
9.0	1147.448	1124.377	1111.664	1107.898	1098.481
9.5	1145.094	1121.552	1107.898	1103.189	1093.772
10.0	1142.740	1118.727	1104.131	1098.951	1089.535
10.5	1139.915	1115.902	1100.364	1094.243	1083.884
11.0	1137.090	1112.606	1096.126	1089.535	1078.705
11.5	1133.794	1109.310	1091.889	1084.355	1073.526
12.0	1130.498	1105.543	1087.180	1079.176	1067.876
12.5	1127.673	1101.777	1082.472	1073.526	1061.755
13.0	1123.906	1098.010	1077.763	1067.876	1056.105
13.5	1120.140	1093.772	1072.584	1061.755	1049.984
14.0	1116.844	1089.535	1067.876	1056.105	1043.863
14.5	1112.606	1085.297	1062.226	1049.984	1037.271
15.0	1108.839	1081.059	1057.046	1043.392	1031.150
15.5	1104.602	1076.351	1050.925	1036.800	1024.087
16.0	1101.306	1072.113	1045.275	1030.208	1017.025
16.5	1098.010	1067.405	1039.154	1023.146	1009.962
17.0	1093.772	1062.696	1033.033	1016.083	1002.899
17.5	1087.651	1057.988	1026.912	1009.020	995.366
18.0	1082.001	1053.750	1020.791	1001.487	987.361
18.5	1076.351	1048.100	1014.199	993.953	979.357
19.0	1071.643	1041.979	1007.608	985.949	971.353
19.5	1066.463	1035.858	1001.016	977.944	962.877
20.0	1061.284	1029.737	993.953	970.411	953.931
20.5	1055.634	1023.616	987.361	962.407	945.456
21.0	1049.984	1017.966	980.299	953.931	936.510
21.5	1044.334	1011.845	973.236	945.927	928.035
22.0	1038.213	1005.253	965.702	937.452	919.089
22.5	1032.562	999.132	958.640	928.506	910.614
23.0	1025.971	992.541	952.048	920.031	902.138
23.5	1019.850	985.478	944.514	911.555	893.192
24.0	1013.258	978.886	936.039	903.080	884.717
24.5	1006.666	971.823	928.035	894.605	875.771
25.0	1000.074	965.232	919.560	885.659	866.825
25.5	993.482	957.698	911.555	877.184	857.879
26.0	986.420	950.635	903.080	868.238	849.404
26.5	979.828	943.102	895.076	859.762	840.929

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CANDELA TABULATION - (Cont.)

27.0	972.294	936.039	886.601	851.287	831.983
27.5	965.232	928.035	878.596	842.812	822.566
28.0	958.169	920.501	870.121	834.337	814.090
28.5	951.106	912.968	861.646	825.391	805.615
29.0	943.573	904.963	853.641	816.445	797.140
29.5	935.568	896.959	845.166	807.499	788.665
30.0	928.035	888.955	836.691	799.023	779.719
30.5	920.031	881.421	828.687	790.548	770.773
31.0	912.026	873.417	820.211	781.602	761.827
31.5	903.551	864.942	811.265	772.656	753.351
32.0	895.547	856.937	802.790	763.710	744.405
32.5	887.071	848.462	794.315	754.764	735.459
33.0	879.067	839.987	785.369	745.818	726.513
33.5	870.592	831.512	776.894	737.343	717.567
34.0	862.117	823.037	768.419	728.397	708.621
34.5	854.112	814.090	759.002	719.451	699.675
35.0	845.637	805.615	750.526	710.034	690.729
35.5	837.162	796.669	741.580	701.088	682.254
36.0	828.216	788.194	733.105	692.613	673.308
36.5	819.741	779.248	724.159	683.666	664.833
37.0	811.265	770.302	715.213	674.250	655.887
37.5	802.319	761.356	706.267	665.774	647.882
38.0	793.844	752.410	697.321	656.828	638.936
38.5	784.898	743.464	688.846	648.353	630.461
39.0	775.952	734.518	679.429	639.407	621.986
39.5	767.006	725.572	670.483	630.932	613.511
40.0	757.589	716.626	661.537	621.986	605.035
40.5	748.172	707.680	652.591	613.981	597.031
41.0	739.226	698.734	643.645	605.506	588.085
41.5	729.809	689.317	634.699	597.031	579.610
42.0	720.392	680.371	626.223	588.085	571.605
42.5	711.446	670.954	617.277	579.610	563.130
43.0	702.029	662.008	608.802	571.605	555.126
43.5	692.613	652.591	599.385	563.601	547.122
44.0	683.196	643.645	590.910	555.126	539.117
44.5	673.779	634.699	581.964	546.651	531.113
45.0	664.833	625.282	573.489	538.646	523.108
45.5	655.416	616.336	565.014	530.642	515.104
46.0	645.999	607.390	556.538	522.638	507.571
46.5	637.053	597.973	547.592	514.633	499.566
47.0	627.636	589.027	539.117	506.629	492.033
47.5	618.690	580.081	531.113	498.154	484.499
48.0	609.273	571.135	522.638	490.620	476.495
48.5	599.856	562.189	514.633	482.616	469.244
49.0	590.910	552.772	505.687	475.082	461.663
49.5	581.493	543.826	497.683	467.031	454.083
50.0	572.547	535.350	489.208	459.168	446.502
50.5	563.130	526.404	481.203	451.728	439.298
51.0	554.184	517.458	472.728	444.430	432.141
51.5	544.767	508.512	464.771	436.991	424.325
52.0	535.821	500.037	456.484	429.316	416.980
52.5	526.404	491.091	448.291	421.641	409.917
53.0	517.458	482.616	440.193	414.061	402.384
53.5	508.041	474.141	432.471	406.951	395.557
54.0	499.095	465.242	424.655	399.935	388.353
54.5	490.149	456.531	416.698	392.732	381.290

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CANDELA TABULATION - (Cont.)

55.0	480.732	448.009	408.787	385.292	374.227
55.5	471.786	439.581	401.113	377.759	367.023
56.0	462.793	431.200	393.626	370.508	360.196
56.5	453.988	422.913	385.998	363.680	353.416
57.0	445.137	414.532	378.465	356.947	346.918
57.5	436.473	406.339	371.167	349.838	340.185
58.0	427.857	398.288	363.728	342.587	333.264
58.5	419.523	390.236	356.147	335.477	326.531
59.0	411.000	382.420	348.613	328.603	320.221
59.5	402.619	374.604	341.268	321.869	313.724
60.0	394.191	366.882	334.206	315.325	307.038
60.5	385.998	359.160	327.237	308.733	300.493
61.0	377.853	351.391	320.174	302.000	294.184
61.5	369.660	343.622	312.829	295.220	287.686
62.0	361.467	336.089	305.672	288.534	281.188
62.5	353.322	328.650	298.892	282.083	274.879
63.0	345.129	321.069	292.395	275.774	268.711
63.5	336.889	313.535	285.897	269.841	262.543
64.0	328.697	305.955	279.211	263.908	256.375
64.5	320.504	298.421	272.289	257.505	250.348
65.0	312.264	290.982	265.509	250.819	244.415
65.5	304.071	283.496	259.106	244.792	238.577
66.0	295.926	276.009	252.844	239.377	232.974
66.5	287.733	268.570	246.487	233.821	227.277
67.0	279.588	261.225	239.848	227.795	221.438
67.5	271.489	253.927	233.162	221.297	215.506
68.0	263.391	246.534	226.476	214.611	209.432
68.5	255.386	239.189	219.837	208.396	203.405
69.0	247.476	231.844	213.528	202.604	197.566
69.5	239.566	224.687	207.313	196.860	191.681
70.0	231.703	217.530	200.721	190.551	185.466
70.5	223.981	210.326	193.988	183.771	179.298
71.0	216.212	203.122	187.349	177.273	173.224
71.5	208.584	196.013	180.851	171.435	167.338
72.0	201.004	189.138	174.636	166.020	161.641
72.5	193.517	182.358	168.657	160.417	156.179
73.0	186.172	175.625	162.583	154.437	150.623
73.5	178.874	168.845	156.320	148.457	144.879
74.0	171.717	162.159	150.058	142.713	139.417
74.5	164.654	155.614	144.126	137.298	134.285
75.0	157.733	149.258	138.428	131.978	129.011
75.5	150.906	142.948	132.825	126.610	123.597
76.0	144.173	136.686	127.081	121.290	118.465
76.5	137.534	130.377	121.384	115.828	113.426
77.0	130.942	124.209	115.639	110.460	108.200
77.5	124.491	118.135	110.178	105.187	102.880
78.0	118.041	112.108	104.857	100.054	97.842
78.5	111.684	106.175	99.537	94.969	93.039
79.0	105.516	100.384	94.216	89.978	88.283
79.5	99.395	94.687	88.990	85.082	83.575
80.0	93.416	89.084	83.905	80.185	78.819
80.5	87.483	83.575	78.866	75.335	73.970
81.0	81.739	78.160	73.781	70.580	69.214
81.5	76.136	72.887	68.885	65.965	64.694
82.0	70.627	67.802	64.223	61.539	60.362
82.5	65.259	62.811	59.609	57.255	56.172

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CANDELA TABULATION - (Cont.)

83.0	59.986	57.867	55.089	52.923	52.075
83.5	54.806	52.970	50.522	48.638	47.979
84.0	49.768	48.262	45.954	44.401	43.789
84.5	44.871	43.647	41.529	40.257	39.739
85.0	40.069	39.127	37.385	36.255	36.020
85.5	35.360	34.654	33.336	32.488	32.535
86.0	30.793	30.228	29.381	29.004	29.004
86.5	26.367	25.991	25.426	25.331	25.426
87.0	22.036	21.894	21.565	21.565	21.706
87.5	17.892	17.751	17.798	18.033	18.128
88.0	13.890	13.984	14.408	14.737	14.879
88.5	10.170	10.500	11.300	11.394	11.489
89.0	6.874	7.392	7.863	7.110	7.063
89.5	4.756	4.897	3.673	3.484	3.861
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-8-L4-927-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 : LRX2-8-L4-927-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 : LRX2-8-L4-927-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	406.62	N.A.	15.70
0-30	832.46	N.A.	32.10
0-40	1306.57	N.A.	50.40
0-60	2130.33	N.A.	82.20
0-80	2549.17	N.A.	98.30
0-90	2592.07	N.A.	100.00
10-90	2484.33	N.A.	95.80
20-40	899.95	N.A.	34.70
20-50	1349.84	N.A.	52.10
40-70	1092.92	N.A.	42.20
60-80	418.84	N.A.	16.20
70-80	149.69	N.A.	5.80
80-90	42.90	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	2592.07	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	107.74
10-20	298.88
20-30	425.84
30-40	474.11
40-50	449.89
50-60	373.87
60-70	269.16
70-80	149.69
80-90	42.90
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 : LRX2-8-L4-927-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 : LRX2-8-L4-927-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

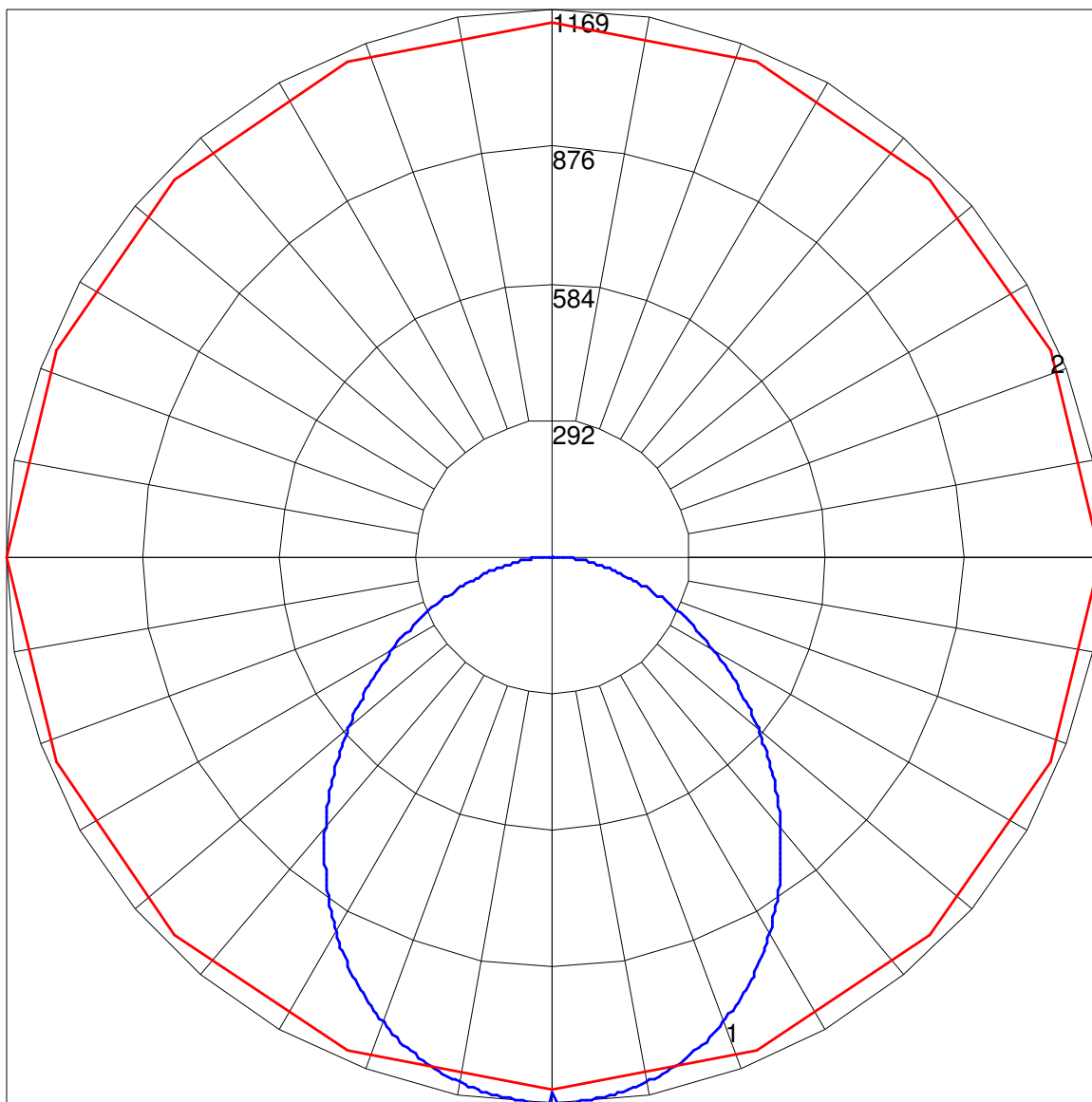
Reflectances

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	18.4	20.0	18.8	20.3	20.6	17.3	18.8	17.6	19.1	19.4
	3H	20.1	21.6	20.5	21.9	22.2	18.9	20.3	19.3	20.7	21.0
	4H	20.7	22.1	21.1	22.4	22.8	19.5	20.9	19.9	21.2	21.6
	6H	21.2	22.4	21.6	22.8	23.2	20.0	21.2	20.4	21.6	22.0
	8H	21.3	22.5	21.8	22.9	23.3	20.2	21.3	20.6	21.7	22.1
	12H	21.4	22.6	21.9	22.9	23.4	20.2	21.4	20.7	21.8	22.2
4H	2H	18.9	20.2	19.3	20.5	20.9	17.9	19.3	18.3	19.6	20.0
	3H	20.8	21.9	21.2	22.3	22.7	19.8	20.9	20.2	21.3	21.7
	4H	21.6	22.6	22.0	23.0	23.4	20.5	21.5	21.0	22.0	22.4
	6H	22.1	23.0	22.6	23.5	23.9	21.1	22.0	21.6	22.4	22.9
	8H	22.3	23.1	22.8	23.6	24.1	21.3	22.1	21.8	22.6	23.0
	12H	22.5	23.2	23.0	23.7	24.2	21.5	22.2	22.0	22.7	23.1
8H	4H	21.8	22.6	22.2	23.0	23.5	20.9	21.7	21.3	22.1	22.6
	6H	22.5	23.1	23.0	23.6	24.1	21.6	22.2	22.1	22.7	23.2
	8H	22.7	23.3	23.2	23.8	24.3	21.8	22.4	22.3	23.0	23.4
	12H	23.0	23.5	23.5	24.0	24.5	22.1	22.6	22.6	23.1	23.7
12H	4H	21.8	22.5	22.3	23.0	23.5	20.9	21.6	21.4	22.1	22.6
	6H	22.5	23.1	23.0	23.6	24.1	21.6	22.3	22.2	22.7	23.3
	8H	22.8	23.4	23.3	23.9	24.4	22.0	22.5	22.5	23.0	23.6

Maximum UGR = 24.5

POLAR GRAPH



Maximum Candela = 1168.637 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.)