



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-2-L4-827-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-L4-827-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	786
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	109
Total Luminaire Watts	7.2
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	9176	7916	7220
55	8180	6956	6368
65	7211	6132	5644
75	5948	5220	4865
85	4487	4186	4033

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-2-L4-827-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	348.106	348.106	348.106	348.106	348.106
0.5	354.243	348.391	346.393	347.249	345.537
1.0	354.243	348.249	346.393	347.249	345.394
1.5	354.100	348.249	346.250	347.107	345.251
2.0	353.957	347.963	345.965	346.964	344.823
2.5	353.815	347.678	345.822	346.536	344.538
3.0	353.529	347.392	345.394	346.250	343.967
3.5	353.244	347.107	344.966	345.679	343.396
4.0	352.958	346.821	344.538	345.251	342.968
4.5	352.673	346.393	344.109	344.680	342.254
5.0	352.388	345.965	343.396	343.967	341.540
5.5	351.817	345.394	342.825	343.110	340.541
6.0	351.388	344.823	342.111	342.397	339.685
6.5	350.960	344.395	341.398	341.398	338.686
7.0	350.389	343.681	340.684	340.399	337.687
7.5	349.818	343.110	339.828	339.400	336.545
8.0	349.248	342.254	338.971	338.258	335.546
8.5	348.534	341.540	337.972	337.116	334.261
9.0	347.820	340.827	336.973	335.831	332.977
9.5	347.107	339.970	335.831	334.404	331.550
10.0	346.393	339.114	334.690	333.120	330.265
10.5	345.537	338.258	333.548	331.692	328.552
11.0	344.680	337.259	332.263	330.265	326.983
11.5	343.681	336.260	330.979	328.695	325.413
12.0	342.682	335.118	329.552	327.125	323.700
12.5	341.826	333.976	328.124	325.413	321.844
13.0	340.684	332.834	326.697	323.700	320.132
13.5	339.542	331.550	325.127	321.844	318.276
14.0	338.543	330.265	323.700	320.132	316.421
14.5	337.259	328.981	321.987	318.276	314.423
15.0	336.117	327.696	320.417	316.278	312.567
15.5	334.832	326.269	318.562	314.280	310.426
16.0	333.833	324.984	316.849	312.282	308.286
16.5	332.834	323.557	314.994	310.141	306.145
17.0	331.550	322.130	313.138	308.000	304.004
17.5	329.694	320.703	311.283	305.859	301.720
18.0	327.982	319.418	309.427	303.576	299.294
18.5	326.269	317.705	307.429	301.292	296.868
19.0	324.842	315.850	305.431	298.866	294.441
19.5	323.272	313.995	303.433	296.439	291.872
20.0	321.702	312.139	301.292	294.156	289.160
20.5	319.989	310.284	299.294	291.729	286.591
21.0	318.276	308.571	297.153	289.160	283.880
21.5	316.564	306.716	295.012	286.734	281.311
22.0	314.708	304.717	292.729	284.165	278.599
22.5	312.995	302.862	290.588	281.453	276.030
23.0	310.997	300.864	288.590	278.884	273.461
23.5	309.142	298.723	286.306	276.315	270.749
24.0	307.144	296.725	283.737	273.746	268.180
24.5	305.146	294.584	281.311	271.177	265.468
25.0	303.147	292.586	278.742	268.465	262.756
25.5	301.149	290.302	276.315	265.896	260.045
26.0	299.008	288.161	273.746	263.185	257.476
26.5	297.010	285.878	271.320	260.615	254.906

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-2-L4-827-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	294.727	283.737	268.751	258.046	252.195
27.5	292.586	281.311	266.324	255.477	249.340
28.0	290.445	279.027	263.755	252.908	246.771
28.5	288.304	276.743	261.186	250.197	244.202
29.0	286.020	274.317	258.760	247.485	241.633
29.5	283.594	271.891	256.191	244.773	239.064
30.0	281.311	269.464	253.622	242.204	236.352
30.5	278.884	267.181	251.196	239.635	233.640
31.0	276.458	264.754	248.627	236.923	230.929
31.5	273.889	262.185	245.915	234.211	228.360
32.0	271.463	259.759	243.346	231.500	225.648
32.5	268.894	257.190	240.777	228.788	222.936
33.0	266.467	254.621	238.065	226.076	220.224
33.5	263.898	252.052	235.496	223.507	217.513
34.0	261.329	249.483	232.927	220.795	214.801
34.5	258.903	246.771	230.072	218.083	212.089
35.0	256.334	244.202	227.503	215.229	209.377
35.5	253.765	241.490	224.792	212.517	206.808
36.0	251.053	238.921	222.223	209.948	204.096
36.5	248.484	236.210	219.511	207.236	201.527
37.0	245.915	233.498	216.799	204.382	198.816
37.5	243.203	230.786	214.087	201.813	196.389
38.0	240.634	228.074	211.375	199.101	193.678
38.5	237.922	225.362	208.806	196.532	191.109
39.0	235.210	222.651	205.952	193.820	188.539
39.5	232.499	219.939	203.240	191.251	185.970
40.0	229.644	217.227	200.528	188.539	183.401
40.5	226.790	214.515	197.817	186.113	180.975
41.0	224.078	211.804	195.105	183.544	178.263
41.5	221.223	208.949	192.393	180.975	175.694
42.0	218.369	206.237	189.824	178.263	173.268
42.5	215.657	203.383	187.112	175.694	170.699
43.0	212.803	200.671	184.543	173.268	168.273
43.5	209.948	197.817	181.689	170.842	165.846
44.0	207.094	195.105	179.120	168.273	163.420
44.5	204.239	192.393	176.408	165.703	160.994
45.0	201.527	189.539	173.839	163.277	158.567
45.5	198.673	186.827	171.270	160.851	156.141
46.0	195.818	184.115	168.701	158.425	153.857
46.5	193.107	181.260	165.989	155.998	151.431
47.0	190.252	178.549	163.420	153.572	149.147
47.5	187.540	175.837	160.994	151.003	146.864
48.0	184.686	173.125	158.425	148.719	144.437
48.5	181.831	170.413	155.998	146.293	142.240
49.0	179.120	167.559	153.286	144.009	139.942
49.5	176.265	164.847	150.860	141.569	137.644
50.0	173.553	162.278	148.291	139.185	135.346
50.5	170.699	159.566	145.865	136.930	133.162
51.0	167.987	156.855	143.296	134.718	130.993
51.5	165.133	154.143	140.884	132.463	128.624
52.0	162.421	151.574	138.372	130.136	126.397
52.5	159.566	148.862	135.888	127.810	124.256
53.0	156.855	146.293	133.433	125.512	121.973
53.5	154.000	143.724	131.093	123.357	119.903
54.0	151.288	141.026	128.723	121.230	117.719
54.5	148.577	138.386	126.311	119.047	115.579

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-2-L4-827-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	145.722	135.803	123.914	116.792	113.438
55.5	143.010	133.248	121.587	114.508	111.254
56.0	140.284	130.707	119.318	112.310	109.184
56.5	137.615	128.195	117.006	110.241	107.129
57.0	134.932	125.655	114.722	108.200	105.160
57.5	132.306	123.171	112.510	106.045	103.119
58.0	129.694	120.731	110.255	103.847	101.021
58.5	127.168	118.290	107.957	101.691	98.980
59.0	124.584	115.921	105.673	99.608	97.067
59.5	122.044	113.552	103.447	97.567	95.098
60.0	119.489	111.211	101.306	95.583	93.071
60.5	117.006	108.870	99.194	93.585	91.087
61.0	114.537	106.516	97.053	91.544	89.174
61.5	112.053	104.161	94.826	89.488	87.205
62.0	109.570	101.877	92.657	87.462	85.235
62.5	107.101	99.622	90.602	85.506	83.323
63.0	104.617	97.324	88.632	83.594	81.453
63.5	102.120	95.040	86.662	81.796	79.583
64.0	99.636	92.743	84.636	79.997	77.714
64.5	97.153	90.459	82.538	78.056	75.887
65.0	94.655	88.204	80.483	76.029	74.088
65.5	92.172	85.935	78.541	74.203	72.319
66.0	89.703	83.665	76.643	72.561	70.620
66.5	87.219	81.410	74.716	70.877	68.893
67.0	84.750	79.184	72.704	69.050	67.123
67.5	82.295	76.971	70.677	67.081	65.325
68.0	79.840	74.731	68.651	65.054	63.484
68.5	77.414	72.504	66.638	63.170	61.657
69.0	75.016	70.278	64.726	61.414	59.887
69.5	72.618	68.108	62.842	59.673	58.103
70.0	70.235	65.939	60.844	57.761	56.219
70.5	67.894	63.755	58.803	55.705	54.350
71.0	65.539	61.571	56.790	53.736	52.508
71.5	63.227	59.416	54.821	51.966	50.724
72.0	60.929	57.333	52.937	50.325	48.997
72.5	58.660	55.277	51.124	48.626	47.342
73.0	56.433	53.236	49.283	46.814	45.658
73.5	54.221	51.181	47.385	45.001	43.916
74.0	52.052	49.154	45.486	43.260	42.261
74.5	49.911	47.171	43.688	41.619	40.705
75.0	47.813	45.244	41.961	40.006	39.107
75.5	45.743	43.331	40.263	38.379	37.465
76.0	43.702	41.433	38.521	36.766	35.910
76.5	41.690	39.520	36.794	35.110	34.382
77.0	39.692	37.651	35.053	33.483	32.798
77.5	37.736	35.810	33.398	31.885	31.185
78.0	35.781	33.983	31.785	30.329	29.658
78.5	33.854	32.184	30.172	28.788	28.202
79.0	31.985	30.429	28.559	27.275	26.761
79.5	30.129	28.702	26.975	25.790	25.334
80.0	28.317	27.004	25.434	24.306	23.892
80.5	26.518	25.334	23.906	22.836	22.422
81.0	24.777	23.692	22.365	21.394	20.981
81.5	23.079	22.094	20.881	19.996	19.610
82.0	21.409	20.552	19.468	18.654	18.297
82.5	19.782	19.039	18.069	17.355	17.027

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-2-L4-827-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	18.183	17.541	16.699	16.042	15.785
83.5	16.613	16.057	15.314	14.743	14.544
84.0	15.086	14.629	13.930	13.459	13.273
84.5	13.602	13.231	12.588	12.203	12.046
85.0	12.146	11.860	11.332	10.990	10.918
85.5	10.719	10.505	10.105	9.848	9.862
86.0	9.334	9.163	8.906	8.792	8.792
86.5	7.993	7.878	7.707	7.679	7.707
87.0	6.680	6.637	6.537	6.537	6.580
87.5	5.424	5.381	5.395	5.466	5.495
88.0	4.210	4.239	4.367	4.467	4.510
88.5	3.083	3.183	3.425	3.454	3.482
89.0	2.084	2.241	2.384	2.155	2.141
89.5	1.442	1.484	1.113	1.056	1.170
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-L4-827-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-L4-827-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-L4-827-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-L4-827-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	123.26	N.A.	15.70
0-30	252.34	N.A.	32.10
0-40	396.05	N.A.	50.40
0-60	645.76	N.A.	82.20
0-80	772.72	N.A.	98.30
0-90	785.72	N.A.	100.00
10-90	753.06	N.A.	95.80
20-40	272.80	N.A.	34.70
20-50	409.17	N.A.	52.10
40-70	331.29	N.A.	42.20
60-80	126.96	N.A.	16.20
70-80	45.37	N.A.	5.80
80-90	13.00	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	785.72	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	32.66
10-20	90.60
20-30	129.08
30-40	143.71
40-50	136.37
50-60	113.33
60-70	81.59
70-80	45.37
80-90	13.00
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-L4-827-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	71	64	58	69	62	57	67	61	56	65	59	55	53
5	78	65	57	50	76	64	56	50	62	55	50	60	54	49	58	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	49	41	36	61	49	41	35	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-L4-827-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

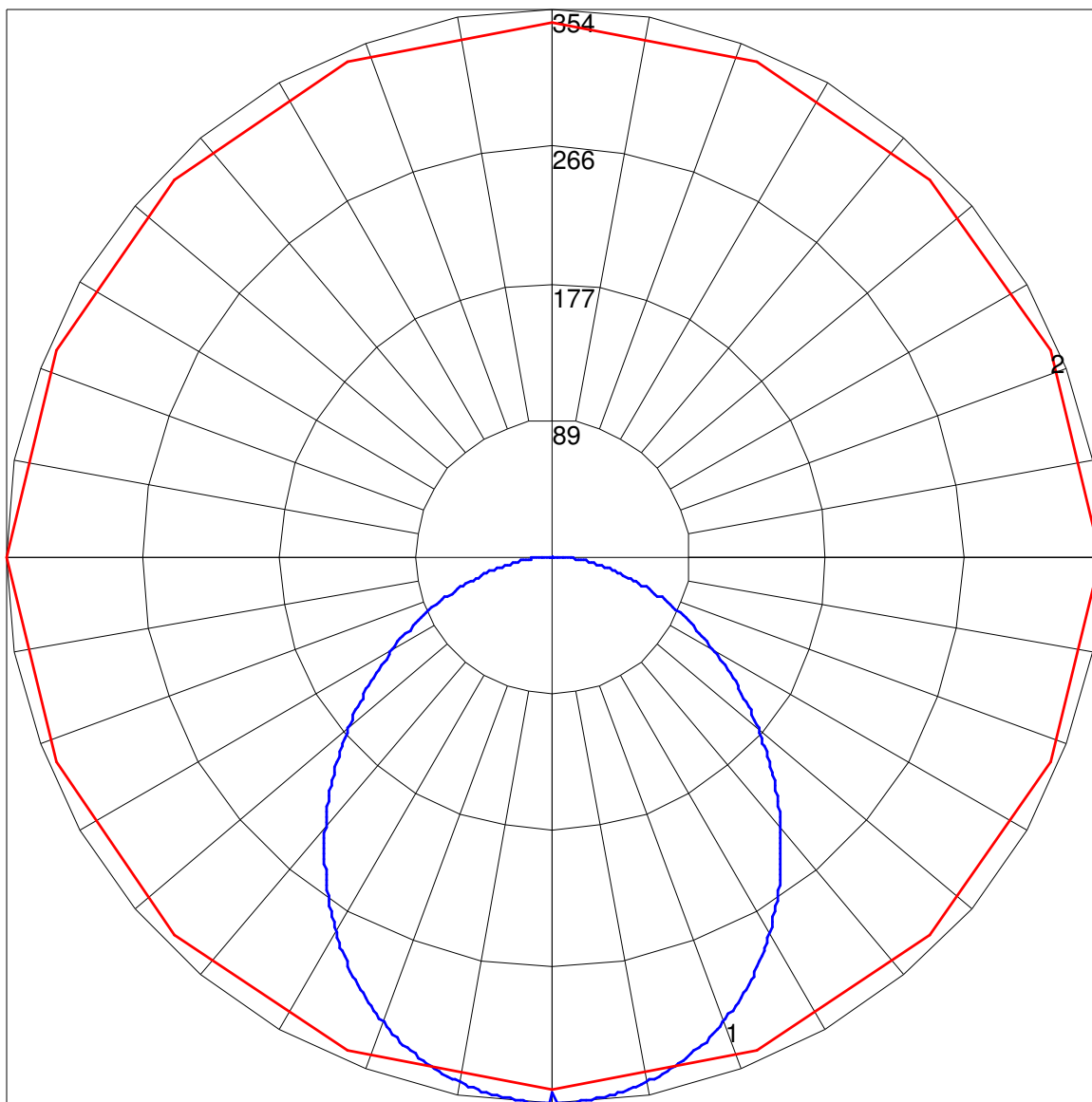
Reflectances

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	19.1	20.7	19.5	21.0	21.3	18.0	19.5	18.3	19.8	20.2
	3H	20.8	22.3	21.2	22.6	23.0	19.6	21.1	20.0	21.4	21.7
	4H	21.5	22.8	21.9	23.1	23.5	20.2	21.6	20.6	21.9	22.3
	6H	21.9	23.1	22.3	23.5	23.9	20.7	21.9	21.1	22.3	22.7
	8H	22.1	23.2	22.5	23.6	24.0	20.9	22.0	21.3	22.4	22.8
	12H	22.1	23.3	22.6	23.7	24.1	21.0	22.1	21.4	22.5	22.9
4H	2H	19.6	20.9	20.0	21.3	21.6	18.6	20.0	19.0	20.3	20.7
	3H	21.5	22.6	21.9	23.0	23.4	20.5	21.6	20.9	22.0	22.4
	4H	22.3	23.3	22.7	23.7	24.1	21.3	22.3	21.7	22.7	23.1
	6H	22.9	23.7	23.3	24.2	24.6	21.8	22.7	22.3	23.2	23.6
	8H	23.1	23.9	23.5	24.3	24.8	22.0	22.8	22.5	23.3	23.8
	12H	23.2	23.9	23.7	24.4	24.9	22.2	22.9	22.7	23.4	23.9
8H	4H	22.5	23.3	23.0	23.7	24.2	21.6	22.4	22.1	22.8	23.3
	6H	23.2	23.9	23.7	24.4	24.8	22.3	23.0	22.8	23.5	23.9
	8H	23.4	24.1	23.9	24.6	25.1	22.5	23.2	23.1	23.7	24.2
	12H	23.7	24.2	24.2	24.7	25.3	22.8	23.3	23.3	23.8	24.4
12H	4H	22.5	23.2	23.0	23.7	24.2	21.6	22.4	22.1	22.8	23.3
	6H	23.2	23.8	23.7	24.3	24.8	22.4	23.0	22.9	23.4	24.0
	8H	23.5	24.1	24.0	24.6	25.1	22.7	23.2	23.2	23.7	24.3

Maximum UGR = 25.3

POLAR GRAPH



Maximum Candela = 354.243 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.)