



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-4-L4-940-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] LRX2-4-L4-940-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	1393
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	97
Total Luminaire Watts	14.4
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)	4.00 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	8136	7018	6401
55	7252	6167	5646
65	6394	5436	5004
75	5273	4628	4313
85	3978	3712	3576

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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	617.260	617.260	617.260	617.260	617.260
0.5	628.142	617.766	614.223	615.741	612.704
1.0	628.142	617.513	614.223	615.741	612.451
1.5	627.889	617.513	613.970	615.488	612.198
2.0	627.636	617.007	613.463	615.235	611.439
2.5	627.383	616.500	613.210	614.476	610.933
3.0	626.877	615.994	612.451	613.970	609.920
3.5	626.371	615.488	611.692	612.957	608.908
4.0	625.864	614.982	610.933	612.198	608.149
4.5	625.358	614.223	610.173	611.186	606.883
5.0	624.852	613.463	608.908	609.920	605.618
5.5	623.840	612.451	607.896	608.402	603.846
6.0	623.080	611.439	606.630	607.137	602.328
6.5	622.321	610.680	605.365	605.365	600.556
7.0	621.309	609.414	604.100	603.593	598.785
7.5	620.297	608.402	602.581	601.822	596.760
8.0	619.284	606.883	601.063	599.797	594.989
8.5	618.019	605.618	599.291	597.773	592.711
9.0	616.754	604.353	597.520	595.495	590.433
9.5	615.488	602.834	595.495	592.964	587.903
10.0	614.223	601.316	593.470	590.686	585.625
10.5	612.704	599.797	591.446	588.156	582.588
11.0	611.186	598.026	589.168	585.625	579.804
11.5	609.414	596.254	586.890	582.841	577.020
12.0	607.643	594.229	584.359	580.057	573.983
12.5	606.124	592.205	581.829	577.020	570.693
13.0	604.100	590.180	579.298	573.983	567.656
13.5	602.075	587.903	576.514	570.693	564.366
14.0	600.303	585.625	573.983	567.656	561.076
14.5	598.026	583.347	570.946	564.366	557.533
15.0	596.001	581.069	568.162	560.823	554.243
15.5	593.723	578.539	564.872	557.280	550.447
16.0	591.952	576.261	561.835	553.737	546.651
16.5	590.180	573.730	558.545	549.941	542.854
17.0	587.903	571.199	555.255	546.144	539.058
17.5	584.612	568.669	551.965	542.348	535.009
18.0	581.576	566.391	548.675	538.299	530.707
18.5	578.539	563.354	545.132	534.250	526.404
19.0	576.008	560.064	541.589	529.947	522.102
19.5	573.224	556.774	538.046	525.645	517.547
20.0	570.440	553.484	534.250	521.596	512.738
20.5	567.403	550.194	530.707	517.293	508.183
21.0	564.366	547.157	526.910	512.738	503.374
21.5	561.329	543.867	523.114	508.436	498.819
22.0	558.039	540.324	519.065	503.880	494.010
22.5	555.002	537.034	515.269	499.072	489.455
23.0	551.459	533.491	511.726	494.516	484.899
23.5	548.169	529.694	507.676	489.961	480.091
24.0	544.626	526.151	503.121	485.406	475.535
24.5	541.083	522.355	498.819	480.850	470.727
25.0	537.540	518.812	494.263	476.042	465.918
25.5	533.997	514.763	489.961	471.486	461.110
26.0	530.200	510.966	485.406	466.678	456.555
26.5	526.657	506.917	481.103	462.122	451.999

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CANDELA TABULATION - (Cont.)

27.0	522.608	503.121	476.548	457.567	447.191
27.5	518.812	498.819	472.245	453.011	442.129
28.0	515.016	494.769	467.690	448.456	437.574
28.5	511.220	490.720	463.135	443.647	433.018
29.0	507.170	486.418	458.832	438.839	428.463
29.5	502.868	482.115	454.277	434.030	423.907
30.0	498.819	477.813	449.721	429.475	419.099
30.5	494.516	473.764	445.419	424.920	414.290
31.0	490.214	469.462	440.864	420.111	409.482
31.5	485.659	464.906	436.055	415.303	404.926
32.0	481.356	460.604	431.500	410.494	400.118
32.5	476.801	456.048	426.944	405.686	395.309
33.0	472.498	451.493	422.136	400.877	390.501
33.5	467.943	446.938	417.580	396.322	385.692
34.0	463.388	442.382	413.025	391.513	380.884
34.5	459.085	437.574	407.963	386.705	376.075
35.0	454.530	433.018	403.408	381.643	371.267
35.5	449.974	428.210	398.599	376.835	366.711
36.0	445.166	423.654	394.044	372.279	361.903
36.5	440.611	418.846	389.235	367.471	357.348
37.0	436.055	414.037	384.427	362.409	352.539
37.5	431.247	409.229	379.618	357.854	348.237
38.0	426.691	404.420	374.810	353.045	343.428
38.5	421.883	399.612	370.255	348.490	338.873
39.0	417.074	394.803	365.193	343.681	334.317
39.5	412.266	389.995	360.384	339.126	329.762
40.0	407.204	385.186	355.576	334.317	325.207
40.5	402.143	380.378	350.767	330.015	320.904
41.0	397.334	375.569	345.959	325.460	316.096
41.5	392.272	370.508	341.150	320.904	311.540
42.0	387.211	365.699	336.595	316.096	307.238
42.5	382.402	360.638	331.787	311.540	302.682
43.0	377.341	355.829	327.231	307.238	298.380
43.5	372.279	350.767	322.170	302.936	294.078
44.0	367.218	345.959	317.614	298.380	289.775
44.5	362.156	341.150	312.806	293.825	285.473
45.0	357.348	336.089	308.250	289.522	281.171
45.5	352.286	331.280	303.695	285.220	276.868
46.0	347.224	326.472	299.139	280.918	272.819
46.5	342.416	321.410	294.331	276.615	268.517
47.0	337.354	316.602	289.775	272.313	264.468
47.5	332.546	311.793	285.473	267.758	260.418
48.0	327.484	306.985	280.918	263.708	256.116
48.5	322.423	302.176	276.615	259.406	252.219
49.0	317.614	297.115	271.807	255.357	248.144
49.5	312.553	292.306	267.504	251.029	244.069
50.0	307.744	287.751	262.949	246.803	239.995
50.5	302.682	282.942	258.647	242.804	236.123
51.0	297.874	278.134	254.091	238.881	232.276
51.5	292.812	273.325	249.814	234.883	228.075
52.0	288.004	268.770	245.360	230.757	224.127
52.5	282.942	263.961	240.957	226.632	220.331
53.0	278.134	259.406	236.604	222.558	216.281
53.5	273.072	254.851	232.453	218.736	212.612
54.0	268.264	250.067	228.252	214.965	208.740
54.5	263.455	245.385	223.975	211.093	204.943

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CANDELA TABULATION - (Cont.)

55.0	258.394	240.805	219.723	207.095	201.147
55.5	253.585	236.275	215.598	203.045	197.275
56.0	248.751	231.770	211.574	199.148	193.605
56.5	244.019	227.316	207.474	195.478	189.961
57.0	239.261	222.811	203.425	191.859	186.469
57.5	234.604	218.407	199.502	188.038	182.850
58.0	229.973	214.080	195.504	184.140	179.129
58.5	225.493	209.752	191.429	180.319	175.510
59.0	220.913	205.551	187.380	176.624	172.119
59.5	216.408	201.350	183.432	173.005	168.627
60.0	211.878	197.199	179.635	169.487	165.033
60.5	207.474	193.049	175.890	165.944	161.515
61.0	203.096	188.873	172.094	162.325	158.124
61.5	198.692	184.697	168.146	158.681	154.631
62.0	194.289	180.648	164.299	155.087	151.139
62.5	189.910	176.649	160.655	151.620	147.748
63.0	185.507	172.575	157.162	148.228	144.432
63.5	181.078	168.525	153.670	145.040	141.117
64.0	176.674	164.451	150.076	141.851	137.802
64.5	172.271	160.401	146.356	138.409	134.562
65.0	167.842	156.403	142.711	134.815	131.373
65.5	163.438	152.379	139.269	131.576	128.235
66.0	159.060	148.355	135.903	128.665	125.223
66.5	154.657	144.356	132.487	125.679	122.161
67.0	150.278	140.408	128.918	122.440	119.023
67.5	145.925	136.486	125.325	118.947	115.834
68.0	141.572	132.512	121.731	115.353	112.570
68.5	137.270	128.564	118.163	112.013	109.330
69.0	133.018	124.616	114.771	108.900	106.192
69.5	128.767	120.769	111.431	105.812	103.028
70.0	124.540	116.922	107.888	102.421	99.688
70.5	120.390	113.050	104.269	98.777	96.372
71.0	116.214	109.178	100.700	95.284	93.108
71.5	112.114	105.357	97.208	92.146	89.944
72.0	108.039	101.662	93.867	89.236	86.882
72.5	104.015	98.017	90.653	86.224	83.946
73.0	100.067	94.398	87.388	83.010	80.960
73.5	96.145	90.754	84.022	79.796	77.872
74.0	92.298	87.160	80.656	76.708	74.937
74.5	88.502	83.643	77.467	73.798	72.178
75.0	84.781	80.226	74.405	70.938	69.344
75.5	81.112	76.835	71.394	68.053	66.433
76.0	77.493	73.469	68.306	65.193	63.675
76.5	73.924	70.078	65.244	62.257	60.967
77.0	70.381	66.762	62.156	59.372	58.158
77.5	66.914	63.498	59.220	56.538	55.298
78.0	63.447	60.258	56.361	53.779	52.590
78.5	60.030	57.069	53.501	51.046	50.008
79.0	56.715	53.956	50.641	48.363	47.452
79.5	53.425	50.894	47.832	45.731	44.922
80.0	50.211	47.883	45.099	43.099	42.365
80.5	47.022	44.922	42.391	40.493	39.759
81.0	43.935	42.011	39.657	37.937	37.203
81.5	40.923	39.177	37.025	35.456	34.773
82.0	37.962	36.443	34.520	33.077	32.445
82.5	35.077	33.761	32.040	30.774	30.192

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CANDELA TABULATION - (Cont.)

83.0	32.242	31.103	29.610	28.446	27.991
83.5	29.458	28.471	27.155	26.143	25.789
84.0	26.750	25.941	24.701	23.865	23.536
84.5	24.118	23.460	22.322	21.638	21.360
85.0	21.537	21.031	20.094	19.487	19.361
85.5	19.006	18.627	17.918	17.462	17.488
86.0	16.551	16.248	15.792	15.590	15.590
86.5	14.172	13.970	13.666	13.616	13.666
87.0	11.844	11.768	11.591	11.591	11.667
87.5	9.617	9.541	9.566	9.693	9.744
88.0	7.466	7.516	7.744	7.921	7.997
88.5	5.467	5.644	6.074	6.125	6.175
89.0	3.695	3.973	4.226	3.821	3.796
89.5	2.556	2.632	1.974	1.873	2.075
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 : LRX2-4-L4-940-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 : LRX2-4-L4-940-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	218.56	N.A.	15.70
0-30	447.45	N.A.	32.10
0-40	702.28	N.A.	50.40
0-60	1145.05	N.A.	82.20
0-80	1370.18	N.A.	98.30
0-90	1393.24	N.A.	100.00
10-90	1335.33	N.A.	95.80
20-40	483.72	N.A.	34.70
20-50	725.54	N.A.	52.10
40-70	587.44	N.A.	42.20
60-80	225.13	N.A.	16.20
70-80	80.46	N.A.	5.80
80-90	23.06	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	1393.24	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	57.91
10-20	160.65
20-30	228.89
30-40	254.83
40-50	241.82
50-60	200.95
60-70	144.67
70-80	80.46
80-90	23.06
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 : LRX2-4-L4-940-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 : LRX2-4-L4-940-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

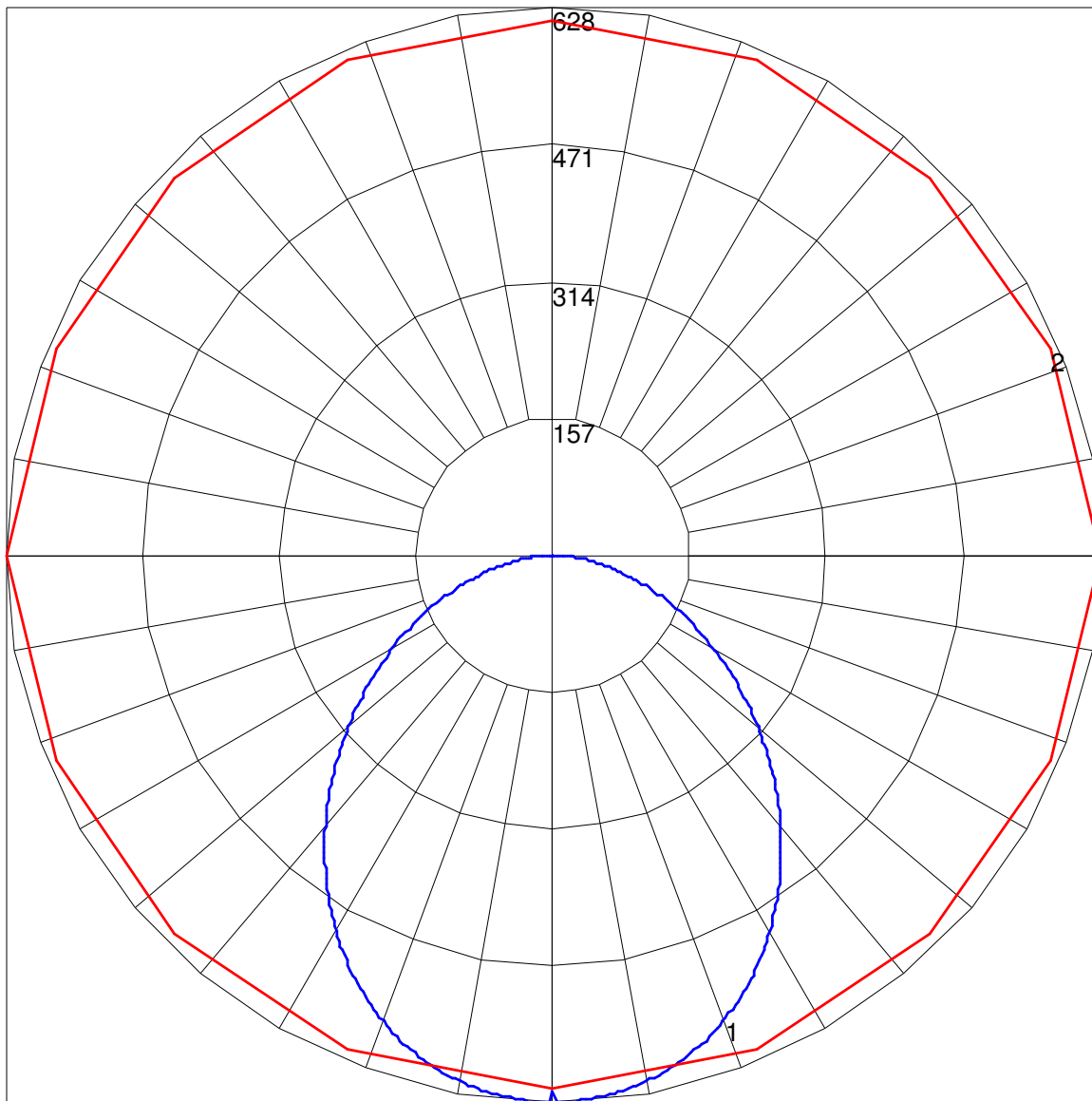
Reflectances

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					UGR Viewed Endwise				
X=2H	Y=2H	18.7	20.3	19.1	20.6	20.9	17.6	19.1	17.9	19.4	19.8
	3H	20.4	21.9	20.8	22.2	22.5	19.2	20.6	19.6	21.0	21.3
	4H	21.0	22.4	21.4	22.7	23.1	19.8	21.2	20.2	21.5	21.9
	6H	21.5	22.7	21.9	23.1	23.5	20.3	21.5	20.7	21.9	22.3
	8H	21.7	22.8	22.1	23.2	23.6	20.5	21.6	20.9	22.0	22.4
	12H	21.7	22.9	22.2	23.2	23.7	20.6	21.7	21.0	22.1	22.5
4H	2H	19.2	20.5	19.6	20.8	21.2	18.2	19.6	18.6	19.9	20.3
	3H	21.1	22.2	21.5	22.6	23.0	20.1	21.2	20.5	21.6	22.0
	4H	21.9	22.9	22.3	23.3	23.7	20.8	21.8	21.3	22.3	22.7
	6H	22.5	23.3	22.9	23.8	24.2	21.4	22.3	21.9	22.7	23.2
	8H	22.6	23.5	23.1	23.9	24.4	21.6	22.4	22.1	22.9	23.3
	12H	22.8	23.5	23.3	24.0	24.5	21.8	22.5	22.3	23.0	23.5
8H	4H	22.1	22.9	22.5	23.3	23.8	21.2	22.0	21.6	22.4	22.9
	6H	22.8	23.5	23.3	23.9	24.4	21.9	22.6	22.4	23.0	23.5
	8H	23.0	23.6	23.5	24.2	24.6	22.1	22.8	22.6	23.3	23.7
	12H	23.3	23.8	23.8	24.3	24.8	22.4	22.9	22.9	23.4	24.0
12H	4H	22.1	22.8	22.6	23.3	23.8	21.2	21.9	21.7	22.4	22.9
	6H	22.8	23.4	23.3	23.9	24.4	21.9	22.6	22.5	23.0	23.6
	8H	23.1	23.7	23.6	24.2	24.7	22.3	22.8	22.8	23.3	23.9

Maximum UGR = 24.8

POLAR GRAPH



Maximum Candela = 628.142 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.)