



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-4-L4-930-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-L4-930-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	1328
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	92
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	7757	6691	6104
55	6915	5880	5383
65	6096	5183	4772
75	5028	4413	4113
85	3793	3539	3410

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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	588.550	588.550	588.550	588.550	588.550
0.5	598.926	589.033	585.654	587.102	584.206
1.0	598.926	588.791	585.654	587.102	583.965
1.5	598.685	588.791	585.413	586.861	583.724
2.0	598.444	588.309	584.930	586.620	583.000
2.5	598.202	587.826	584.689	585.896	582.517
3.0	597.720	587.343	583.965	585.413	581.552
3.5	597.237	586.861	583.241	584.448	580.587
4.0	596.754	586.378	582.517	583.724	579.863
4.5	596.272	585.654	581.793	582.759	578.656
5.0	595.789	584.930	580.587	581.552	577.450
5.5	594.824	583.965	579.622	580.104	575.761
6.0	594.100	583.000	578.415	578.898	574.313
6.5	593.376	582.276	577.208	577.208	572.624
7.0	592.411	581.069	576.002	575.519	570.934
7.5	591.446	580.104	574.554	573.830	569.004
8.0	590.480	578.656	573.106	571.900	567.315
8.5	589.274	577.450	571.417	569.969	565.143
9.0	588.067	576.243	569.728	567.797	562.971
9.5	586.861	574.795	567.797	565.384	560.558
10.0	585.654	573.348	565.867	563.213	558.386
10.5	584.206	571.900	563.937	560.800	555.491
11.0	582.759	570.211	561.765	558.386	552.836
11.5	581.069	568.521	559.593	555.732	550.182
12.0	579.380	566.591	557.180	553.078	547.286
12.5	577.932	564.660	554.767	550.182	544.149
13.0	576.002	562.730	552.354	547.286	541.254
13.5	574.071	560.558	549.699	544.149	538.117
14.0	572.382	558.386	547.286	541.254	534.980
14.5	570.211	556.215	544.391	538.117	531.601
15.0	568.280	554.043	541.736	534.738	528.464
15.5	566.108	551.630	538.599	531.360	524.845
16.0	564.419	549.458	535.704	527.982	521.225
16.5	562.730	547.045	532.567	524.362	517.605
17.0	560.558	544.632	529.430	520.742	513.986
17.5	557.421	542.219	526.293	517.123	510.125
18.0	554.526	540.047	523.156	513.262	506.023
18.5	551.630	537.151	519.777	509.401	501.920
19.0	549.217	534.014	516.399	505.299	497.818
19.5	546.562	530.877	513.021	501.197	493.475
20.0	543.908	527.740	509.401	497.336	488.890
20.5	541.012	524.603	506.023	493.233	484.546
21.0	538.117	521.708	502.403	488.890	479.961
21.5	535.221	518.571	498.783	484.788	475.618
22.0	532.084	515.192	494.923	480.444	471.033
22.5	529.188	512.055	491.303	475.859	466.689
23.0	525.810	508.677	487.925	471.516	462.346
23.5	522.673	505.057	484.064	467.172	457.761
24.0	519.295	501.679	479.720	462.829	453.418
24.5	515.916	498.060	475.618	458.485	448.833
25.0	512.538	494.681	471.274	453.900	444.248
25.5	509.160	490.820	467.172	449.557	439.663
26.0	505.540	487.201	462.829	444.972	435.319
26.5	502.162	483.340	458.726	440.628	430.976

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CANDELA TABULATION - (Cont.)

27.0	498.301	479.720	454.383	436.285	426.391
27.5	494.681	475.618	450.281	431.941	421.565
28.0	491.062	471.757	445.937	427.598	417.221
28.5	487.442	467.896	441.593	423.013	412.878
29.0	483.581	463.794	437.491	418.428	408.534
29.5	479.479	459.692	433.148	413.843	404.191
30.0	475.618	455.589	428.804	409.500	399.606
30.5	471.516	451.728	424.702	405.156	395.021
31.0	467.413	447.626	420.358	400.571	390.436
31.5	463.070	443.283	415.774	395.986	386.093
32.0	458.968	439.180	411.430	391.401	381.508
32.5	454.624	434.837	407.086	386.817	376.923
33.0	450.522	430.493	402.502	382.232	372.338
33.5	446.178	426.150	398.158	377.888	367.753
34.0	441.835	421.806	393.814	373.303	363.168
34.5	437.733	417.221	388.988	368.718	358.584
35.0	433.389	412.878	384.645	363.892	353.999
35.5	429.045	408.293	380.060	359.307	349.655
36.0	424.461	403.949	375.716	354.964	345.070
36.5	420.117	399.365	371.132	350.379	340.727
37.0	415.774	394.780	366.547	345.553	336.142
37.5	411.189	390.195	361.962	341.209	332.040
38.0	406.845	385.610	357.377	336.625	327.455
38.5	402.260	381.025	353.033	332.281	323.111
39.0	397.675	376.440	348.207	327.696	318.768
39.5	393.091	371.855	343.622	323.353	314.424
40.0	388.264	367.271	339.038	318.768	310.081
40.5	383.438	362.686	334.453	314.666	305.978
41.0	378.853	358.101	329.868	310.322	301.394
41.5	374.027	353.275	325.283	305.978	297.050
42.0	369.201	348.690	320.940	301.394	292.948
42.5	364.616	343.864	316.355	297.050	288.604
43.0	359.790	339.279	312.011	292.948	284.502
43.5	354.964	334.453	307.185	288.846	280.400
44.0	350.138	329.868	302.841	284.502	276.298
44.5	345.312	325.283	298.257	280.158	272.195
45.0	340.727	320.457	293.913	276.056	268.093
45.5	335.901	315.872	289.569	271.954	263.991
46.0	331.074	311.287	285.226	267.852	260.130
46.5	326.490	306.461	280.641	263.750	256.028
47.0	321.663	301.876	276.298	259.647	252.167
47.5	317.079	297.291	272.195	255.304	248.306
48.0	312.252	292.706	267.852	251.443	244.204
48.5	307.426	288.122	263.750	247.341	240.487
49.0	302.841	283.295	259.165	243.480	236.602
49.5	298.015	278.711	255.062	239.353	232.717
50.0	293.430	274.367	250.719	235.323	228.832
50.5	288.604	269.782	246.617	231.511	225.140
51.0	284.019	265.197	242.273	227.771	221.472
51.5	279.193	260.613	238.195	223.958	217.467
52.0	274.608	256.269	233.948	220.025	213.702
52.5	269.782	251.684	229.749	216.091	210.083
53.0	265.197	247.341	225.599	212.206	206.222
53.5	260.371	242.997	221.641	208.562	202.723
54.0	255.786	238.436	217.636	204.967	199.031
54.5	251.202	233.972	213.557	201.275	195.411

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CANDELA TABULATION - (Cont.)

55.0	246.375	229.604	209.504	197.462	191.792
55.5	241.791	225.285	205.570	193.601	188.100
56.0	237.182	220.990	201.733	189.885	184.601
56.5	232.669	216.743	197.824	186.386	181.126
57.0	228.132	212.447	193.963	182.936	177.796
57.5	223.692	208.249	190.223	179.292	174.345
58.0	219.276	204.122	186.410	175.576	170.798
58.5	215.005	199.996	182.525	171.932	167.347
59.0	210.638	195.990	178.664	168.409	164.114
59.5	206.342	191.985	174.900	164.958	160.783
60.0	202.023	188.027	171.280	161.604	157.357
60.5	197.824	184.070	167.709	158.226	154.003
61.0	193.650	180.088	164.089	154.775	150.769
61.5	189.451	176.107	160.325	151.300	147.439
62.0	185.252	172.246	156.657	147.873	144.109
62.5	181.077	168.433	153.182	144.568	140.876
63.0	176.879	164.548	149.852	141.334	137.714
63.5	172.656	160.687	146.522	138.294	134.553
64.0	168.457	156.802	143.096	135.253	131.392
64.5	164.258	152.941	139.548	131.971	128.303
65.0	160.035	149.128	136.074	128.545	125.263
65.5	155.837	145.291	132.792	125.456	122.271
66.0	151.662	141.455	129.582	122.681	119.399
66.5	147.463	137.642	126.325	119.834	116.479
67.0	143.289	133.878	122.922	116.745	113.487
67.5	139.138	130.137	119.496	113.415	110.447
68.0	134.988	126.349	116.069	109.988	107.334
68.5	130.885	122.584	112.667	106.803	104.245
69.0	126.831	118.820	109.433	103.835	101.253
69.5	122.777	115.152	106.248	100.891	98.236
70.0	118.748	111.484	102.870	97.657	95.051
70.5	114.790	107.792	99.419	94.182	91.890
71.0	110.809	104.100	96.016	90.852	88.777
71.5	106.899	100.456	92.686	87.860	85.761
72.0	103.014	96.933	89.501	85.085	82.841
72.5	99.178	93.459	86.436	82.214	80.042
73.0	95.413	90.008	83.324	79.149	77.194
73.5	91.673	86.533	80.114	76.084	74.250
74.0	88.005	83.106	76.905	73.140	71.451
74.5	84.385	79.752	73.864	70.365	68.821
75.0	80.838	76.495	70.945	67.639	66.118
75.5	77.339	73.261	68.073	64.888	63.343
76.0	73.888	70.052	65.129	62.161	60.713
76.5	70.486	66.818	62.209	59.362	58.131
77.0	67.108	63.657	59.265	56.611	55.453
77.5	63.802	60.544	56.466	53.908	52.726
78.0	60.496	57.455	53.739	51.278	50.144
78.5	57.238	54.415	51.012	48.672	47.682
79.0	54.077	51.447	48.286	46.114	45.245
79.5	50.940	48.527	45.607	43.604	42.832
80.0	47.875	45.655	43.001	41.095	40.395
80.5	44.835	42.832	40.419	38.609	37.909
81.0	41.891	40.057	37.813	36.172	35.472
81.5	39.019	37.354	35.303	33.807	33.156
82.0	36.196	34.748	32.914	31.539	30.936
82.5	33.445	32.190	30.550	29.343	28.788

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CANDELA TABULATION - (Cont.)

83.0	30.743	29.657	28.233	27.123	26.689
83.5	28.088	27.147	25.892	24.927	24.589
84.0	25.506	24.734	23.552	22.755	22.442
84.5	22.997	22.369	21.283	20.632	20.366
85.0	20.535	20.053	19.160	18.581	18.460
85.5	18.122	17.760	17.085	16.650	16.674
86.0	15.782	15.492	15.058	14.865	14.865
86.5	13.513	13.320	13.031	12.982	13.031
87.0	11.293	11.221	11.052	11.052	11.124
87.5	9.170	9.097	9.121	9.242	9.290
88.0	7.119	7.167	7.384	7.553	7.625
88.5	5.212	5.381	5.791	5.840	5.888
89.0	3.523	3.789	4.030	3.644	3.620
89.5	2.437	2.510	1.882	1.786	1.979
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-L4-930-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-L4-930-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	208.39	N.A.	15.70
0-30	426.64	N.A.	32.10
0-40	669.62	N.A.	50.40
0-60	1091.79	N.A.	82.20
0-80	1306.45	N.A.	98.30
0-90	1328.44	N.A.	100.00
10-90	1273.22	N.A.	95.80
20-40	461.22	N.A.	34.70
20-50	691.79	N.A.	52.10
40-70	560.12	N.A.	42.20
60-80	214.66	N.A.	16.20
70-80	76.71	N.A.	5.80
80-90	21.99	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	1328.44	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	55.22
10-20	153.18
20-30	218.25
30-40	242.98
40-50	230.57
50-60	191.61
60-70	137.94
70-80	76.71
80-90	21.99
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-L4-930-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-L4-930-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

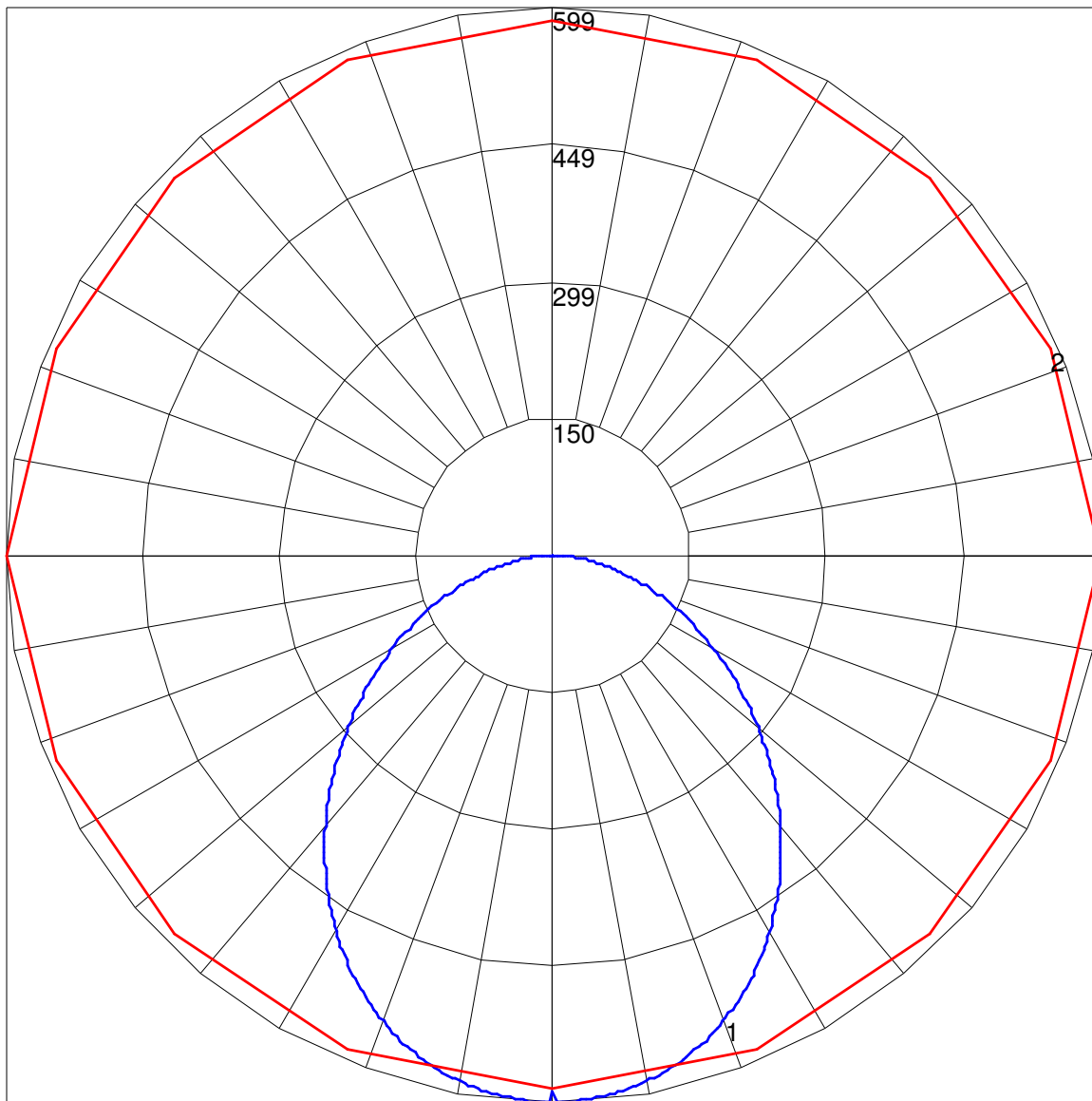
Reflectances

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	18.5	20.1	18.9	20.4	20.7	17.4	18.9	17.7	19.2	19.6
	3H	20.2	21.7	20.6	22.0	22.3	19.0	20.4	19.4	20.8	21.1
	4H	20.8	22.2	21.2	22.5	22.9	19.6	21.0	20.0	21.3	21.7
	6H	21.3	22.5	21.7	22.9	23.3	20.1	21.3	20.5	21.7	22.1
	8H	21.5	22.6	21.9	23.0	23.4	20.3	21.4	20.7	21.8	22.2
	12H	21.5	22.7	22.0	23.0	23.5	20.4	21.5	20.8	21.9	22.3
4H	2H	19.0	20.3	19.4	20.6	21.0	18.0	19.4	18.4	19.7	20.1
	3H	20.9	22.0	21.3	22.4	22.8	19.9	21.0	20.3	21.4	21.8
	4H	21.7	22.7	22.1	23.1	23.5	20.6	21.6	21.1	22.1	22.5
	6H	22.3	23.1	22.7	23.6	24.0	21.2	22.1	21.7	22.5	23.0
	8H	22.4	23.3	22.9	23.7	24.2	21.4	22.2	21.9	22.7	23.1
	12H	22.6	23.3	23.1	23.8	24.3	21.6	22.3	22.1	22.8	23.3
8H	4H	21.9	22.7	22.3	23.1	23.6	21.0	21.8	21.4	22.2	22.7
	6H	22.6	23.3	23.1	23.7	24.2	21.7	22.4	22.2	22.8	23.3
	8H	22.8	23.4	23.3	24.0	24.4	21.9	22.6	22.4	23.1	23.5
	12H	23.1	23.6	23.6	24.1	24.6	22.2	22.7	22.7	23.2	23.8
12H	4H	21.9	22.6	22.4	23.1	23.6	21.0	21.7	21.5	22.2	22.7
	6H	22.6	23.2	23.1	23.7	24.2	21.7	22.4	22.3	22.8	23.4
	8H	22.9	23.5	23.4	24.0	24.5	22.1	22.6	22.6	23.1	23.7

Maximum UGR = 24.6

POLAR GRAPH



Maximum Candela = 598.926 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.)