



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX3G-4-L4-840-S-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 14020154.01
[TESTLAB] UL Verification Services Inc.
[ISSUEDATE] 11/08/2022
[MANUFAC] WILLIAMS INDOOR
[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.
[LUMCAT] LRX3G-4-L4-840-S-DMA-DIM-UNV
[LUMINAIRE] White formed steel housing, frosted lens enclosure
[LAMP] 144 White LEDs
[LAMPCAT] HLM 80 CRI 4000K CCT

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1755
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	119
Total Luminaire Watts	14.8
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.08
Spacing Criterion (Diagonal)	1.22
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	3.92 ft
Luminous Width (90-270)	0.25 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	6786	6065	5565
55	6166	5412	4921
65	5435	4737	4320
75	4415	3899	3605
85	2486	2585	2632

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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	774.022	774.022	774.022	774.022	774.022
0.5	774.022	778.220	772.448	772.973	771.398
1.0	774.022	778.220	771.923	772.973	771.398
1.5	774.022	777.695	771.923	772.448	771.398
2.0	773.497	777.171	770.874	771.923	770.874
2.5	772.973	776.646	770.349	771.398	769.824
3.0	772.973	776.121	769.824	770.349	769.299
3.5	771.923	775.596	768.774	769.299	767.725
4.0	771.398	775.072	767.725	768.250	766.675
4.5	770.874	774.022	766.675	767.200	765.101
5.0	769.824	772.973	765.101	765.626	763.527
5.5	768.774	771.923	764.052	764.052	762.477
6.0	767.725	770.874	762.477	762.477	760.378
6.5	766.151	769.299	760.903	760.378	758.804
7.0	765.101	767.725	759.329	758.279	756.180
7.5	764.052	766.151	757.754	756.180	754.081
8.0	762.477	764.576	755.655	754.081	751.982
8.5	760.903	763.002	753.556	751.457	749.358
9.0	759.329	760.903	751.982	749.358	746.735
9.5	757.230	759.329	749.358	746.210	744.111
10.0	755.655	757.230	747.259	743.586	740.962
10.5	753.556	755.131	745.160	740.962	737.814
11.0	751.982	753.032	742.536	737.814	734.140
11.5	749.358	750.933	739.388	734.665	730.467
12.0	747.259	748.309	736.764	731.516	727.318
12.5	745.160	745.685	733.615	727.843	723.645
13.0	742.536	743.586	730.467	724.170	720.496
13.5	739.913	740.437	727.318	720.496	716.298
14.0	737.289	737.814	723.645	716.823	712.100
14.5	734.665	735.190	720.496	712.625	708.427
15.0	732.041	731.516	716.823	708.952	703.704
15.5	728.893	728.893	713.150	704.754	700.031
16.0	726.269	725.744	709.476	700.556	695.308
16.5	723.120	722.071	705.278	695.833	690.585
17.0	719.447	718.922	701.605	691.635	685.862
17.5	716.823	715.774	697.407	686.912	681.139
18.0	713.675	712.100	693.209	682.189	676.417
18.5	710.001	708.427	689.011	677.466	671.169
19.0	706.853	704.229	684.288	672.218	666.446
19.5	703.179	700.556	679.565	667.496	661.199
20.0	699.506	696.357	674.842	662.248	655.426
20.5	695.833	692.684	670.644	657.000	650.179
21.0	691.635	688.486	665.921	651.753	644.931
21.5	687.961	684.288	661.199	645.980	639.159
22.0	683.763	680.090	656.476	640.733	633.386
22.5	680.090	675.892	651.228	634.960	627.089
23.0	675.367	671.169	646.505	629.188	621.317
23.5	671.169	666.971	641.258	623.416	615.544
24.0	667.496	662.248	636.010	617.643	609.247
24.5	663.298	657.525	631.287	611.871	603.475
25.0	658.575	652.802	626.040	606.099	597.178
25.5	654.377	648.079	620.792	600.326	590.881
26.0	649.654	643.357	615.020	594.554	585.108
26.5	644.931	638.634	609.772	588.257	579.336

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CANDELA TABULATION - (Cont.)

27.0	640.208	633.386	604.000	583.009	573.563
27.5	635.485	628.139	598.752	576.712	567.266
28.0	630.238	623.416	592.980	570.940	561.494
28.5	625.515	617.643	587.732	565.167	555.722
29.0	620.267	612.921	581.960	559.395	549.424
29.5	615.020	607.673	576.187	553.098	543.652
30.0	609.772	601.901	570.415	547.325	537.355
30.5	604.524	596.653	564.643	541.553	531.583
31.0	598.752	590.881	558.345	535.256	525.810
31.5	593.504	585.633	552.573	529.484	519.723
32.0	588.257	579.861	546.801	523.186	513.426
32.5	582.484	574.088	540.504	517.099	506.919
33.0	577.237	568.316	534.731	510.750	500.937
33.5	571.464	562.543	528.959	504.662	494.954
34.0	566.217	556.771	522.767	498.260	488.762
34.5	560.444	550.999	516.679	491.911	482.465
35.0	555.197	545.226	510.487	485.823	476.168
35.5	549.424	539.454	504.452	479.474	469.661
36.0	543.652	533.157	498.313	473.229	462.996
36.5	537.880	527.385	492.173	466.827	456.542
37.0	532.107	521.455	485.981	460.478	450.035
37.5	526.335	515.210	479.631	454.128	443.580
38.0	520.720	509.175	473.387	447.621	436.811
38.5	514.633	502.931	467.247	441.271	430.461
39.0	508.651	496.948	460.950	434.922	424.217
39.5	502.773	490.966	454.810	428.730	418.969
40.0	496.948	484.931	448.670	422.485	412.777
40.5	490.809	478.792	442.478	416.765	407.057
41.0	484.984	472.757	436.391	410.993	401.075
41.5	478.897	466.670	430.461	405.273	395.250
42.0	472.862	460.582	424.636	399.448	389.687
42.5	466.880	454.548	418.916	393.571	384.177
43.0	460.845	448.461	412.987	388.008	378.877
43.5	454.863	442.636	407.477	382.551	374.469
44.0	449.038	436.706	401.967	377.670	368.959
44.5	442.951	430.409	396.247	372.790	363.659
45.0	436.968	424.636	390.527	367.385	358.307
45.5	431.143	419.231	384.860	361.927	353.007
46.0	425.319	413.249	379.874	356.522	347.706
46.5	419.231	407.477	374.574	351.222	342.354
47.0	413.511	402.072	369.274	345.870	337.054
47.5	407.267	396.247	363.712	340.570	331.859
48.0	401.757	390.894	358.097	335.217	326.716
48.5	396.562	385.069	352.534	329.917	321.468
49.0	392.311	379.245	346.972	324.774	316.326
49.5	386.381	373.630	341.462	319.579	311.183
50.0	380.556	368.225	335.952	314.384	306.145
50.5	374.679	362.452	330.494	309.346	301.213
51.0	368.749	356.627	324.984	304.151	296.175
51.5	362.977	350.803	319.632	299.114	291.242
52.0	357.152	345.083	314.227	294.023	286.205
52.5	351.380	339.363	308.927	288.933	281.324
53.0	345.607	333.748	303.627	283.896	276.549
53.5	339.625	328.080	298.431	278.910	271.616
54.0	333.695	322.361	293.184	273.873	266.788
54.5	327.870	316.588	287.989	268.835	261.908

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CANDELA TABULATION - (Cont.)

55.0	322.046	310.921	282.689	263.902	257.028
55.5	316.326	305.253	277.493	258.969	252.305
56.0	310.396	299.691	272.193	254.089	247.530
56.5	304.729	294.076	267.051	249.104	242.807
57.0	298.851	288.461	261.856	244.276	238.031
57.5	293.026	282.846	256.660	239.448	233.414
58.0	287.516	277.231	251.413	234.621	228.848
58.5	281.797	271.669	246.270	229.793	224.125
59.0	276.129	266.159	241.128	225.070	219.455
59.5	270.514	260.649	236.090	220.347	214.942
60.0	264.847	255.244	230.947	215.624	210.377
60.5	259.232	249.734	226.014	211.006	205.864
61.0	253.512	244.381	220.977	206.336	201.246
61.5	248.054	238.871	216.044	201.718	196.838
62.0	242.439	233.519	211.164	197.205	192.325
62.5	236.877	228.166	206.231	192.692	187.864
63.0	231.367	222.866	201.403	188.232	183.561
63.5	225.752	217.566	196.575	183.719	179.206
64.0	220.242	212.266	191.748	179.258	174.903
64.5	214.680	206.913	187.025	174.903	170.547
65.0	209.170	201.613	182.302	170.442	166.244
65.5	203.817	196.365	177.579	166.087	161.941
66.0	198.465	191.118	172.804	161.679	157.796
66.5	193.007	186.028	168.133	157.323	153.702
67.0	187.549	180.833	163.410	152.915	149.399
67.5	182.144	175.585	158.740	148.560	145.201
68.0	176.739	170.390	154.070	144.204	141.056
68.5	171.439	165.247	149.452	139.954	136.858
69.0	166.139	160.157	144.834	135.651	132.712
69.5	160.734	155.014	140.269	131.348	128.566
70.0	155.434	150.029	135.703	127.150	124.473
70.5	150.134	144.939	131.190	122.899	120.380
71.0	144.834	139.849	126.730	118.701	116.392
71.5	139.691	134.811	122.164	114.555	112.299
72.0	134.496	129.878	117.756	110.462	108.311
72.5	129.354	124.946	113.348	106.421	104.322
73.0	124.263	120.118	108.993	102.381	100.387
73.5	119.173	115.237	104.637	98.340	96.451
74.0	114.083	110.357	100.387	94.352	92.568
74.5	109.045	105.582	96.084	90.416	88.790
75.0	104.060	100.807	91.886	86.533	84.959
75.5	99.232	96.189	87.688	82.650	81.180
76.0	94.404	91.571	83.542	78.872	77.507
76.5	89.577	87.005	79.501	75.041	73.781
77.0	84.749	82.440	75.461	71.263	70.161
77.5	80.026	77.979	71.472	67.537	66.592
78.0	75.356	73.571	67.537	63.916	63.076
78.5	70.843	69.268	63.653	60.347	59.665
79.0	66.382	65.018	59.875	56.779	56.254
79.5	61.974	60.872	56.149	53.316	52.843
80.0	57.566	56.779	52.476	49.905	49.537
80.5	53.316	52.791	48.855	46.546	46.336
81.0	49.118	48.803	45.339	43.293	43.135
81.5	45.077	44.920	41.928	40.144	40.039
82.0	41.141	41.194	38.517	36.996	37.048
82.5	37.310	37.573	35.264	34.004	34.057

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CANDELA TABULATION - (Cont.)

83.0	33.532	34.057	32.063	31.066	31.171
83.5	29.911	30.594	29.019	28.232	28.442
84.0	26.343	27.288	26.028	25.503	25.766
84.5	22.985	24.139	23.247	22.932	23.194
85.0	19.731	21.095	20.518	20.518	20.885
85.5	16.687	18.262	17.999	18.209	18.629
86.0	13.801	15.585	15.638	16.058	16.530
86.5	11.125	13.119	13.486	14.116	14.641
87.0	8.606	10.863	11.335	12.122	12.752
87.5	6.350	8.711	8.973	9.603	9.866
88.0	4.408	6.717	7.452	7.347	7.399
88.5	2.781	5.300	5.825	5.930	6.245
89.0	1.574	4.041	4.356	5.038	5.405
89.5	0.735	2.834	3.516	4.251	4.670
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 : LRX3G-4-L4-840-S-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 : LRX3G-4-L4-840-S-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	274.86	N.A.	15.70
0-30	563.75	N.A.	32.10
0-40	884.92	N.A.	50.40
0-60	1446.58	N.A.	82.40
0-80	1729.7	N.A.	98.60
0-90	1754.59	N.A.	100.00
10-90	1681.91	N.A.	95.90
20-40	610.06	N.A.	34.80
20-50	915.14	N.A.	52.20
40-70	745.49	N.A.	42.50
60-80	283.12	N.A.	16.10
70-80	99.29	N.A.	5.70
80-90	24.89	N.A.	1.40
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	1754.59	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	72.69
10-20	202.18
20-30	288.88
30-40	321.18
40-50	305.08
50-60	256.58
60-70	183.83
70-80	99.29
80-90	24.89
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 : LRX3G-4-L4-840-S-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	95	92	90	91	89	87	85
2	100	92	86	80	98	90	84	79	87	82	78	84	80	76	81	77	74	72
3	92	82	74	68	89	80	73	67	77	71	66	74	69	65	72	68	64	62
4	84	73	64	58	82	72	64	58	69	62	57	67	61	56	65	60	55	53
5	78	66	57	51	76	64	56	50	62	55	50	60	54	49	59	53	49	47
6	72	59	51	45	70	58	50	44	57	49	44	55	48	44	53	48	43	41
7	67	54	46	40	65	53	45	40	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 : LRX3G-4-L4-840-S-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

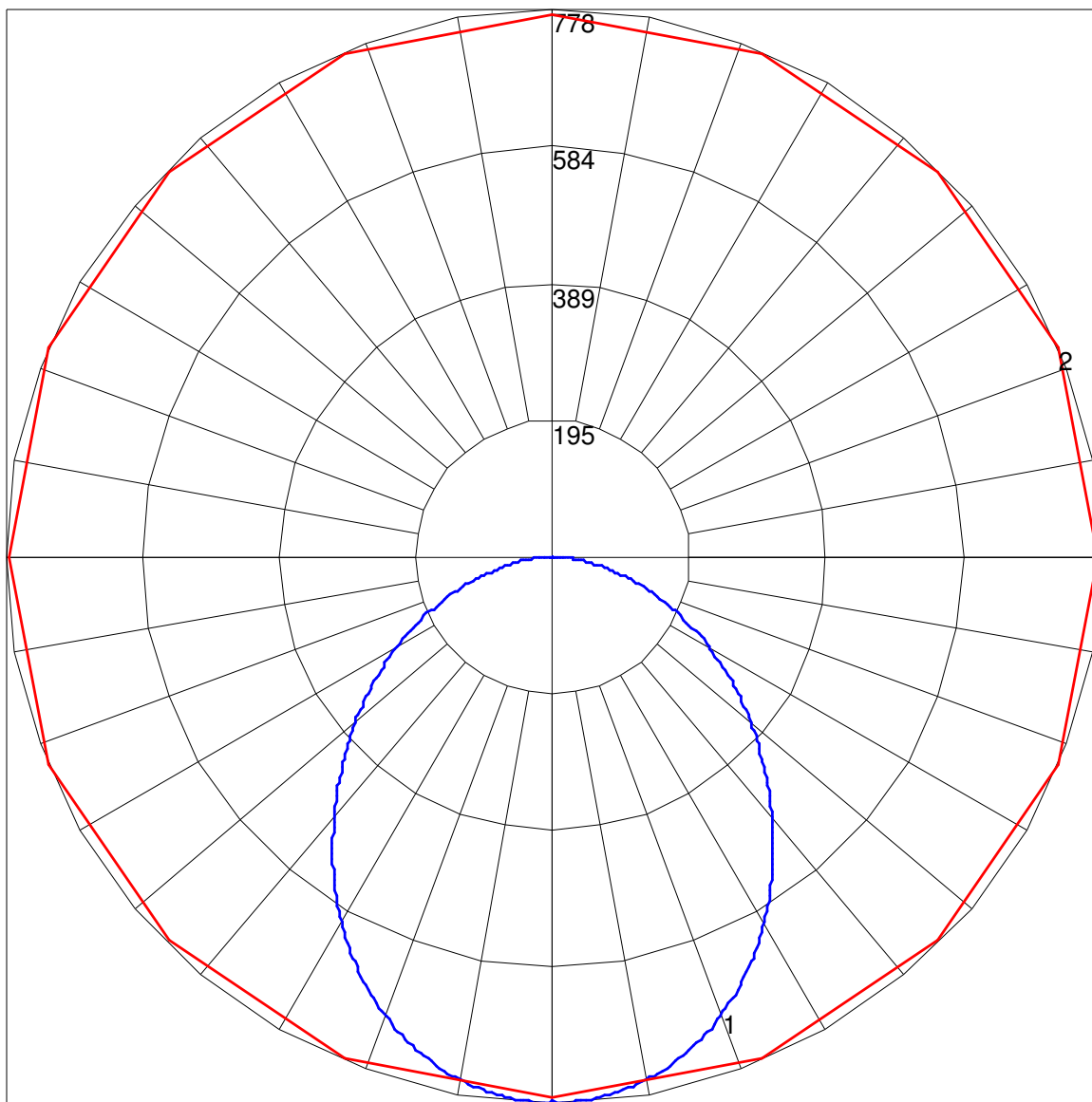
Reflectances

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	19.9	18.7	20.2	20.5	17.1	18.7	17.5	19.0	19.3
	3H	20.0	21.4	20.4	21.8	22.1	18.7	20.1	19.1	20.5	20.8
	4H	20.6	21.9	21.0	22.3	22.7	19.3	20.6	19.7	21.0	21.4
	6H	21.0	22.2	21.4	22.6	23.0	19.7	21.0	20.1	21.3	21.7
	8H	21.1	22.3	21.5	22.7	23.1	19.8	21.0	20.3	21.4	21.8
	12H	21.1	22.3	21.6	22.6	23.1	19.9	21.0	20.3	21.4	21.9
4H	2H	18.8	20.1	19.2	20.5	20.8	17.8	19.1	18.2	19.5	19.8
	3H	20.7	21.8	21.1	22.2	22.6	19.6	20.7	20.0	21.1	21.5
	4H	21.4	22.4	21.8	22.8	23.3	20.3	21.3	20.7	21.7	22.2
	6H	21.9	22.8	22.4	23.2	23.7	20.8	21.7	21.3	22.1	22.6
	8H	22.1	22.9	22.5	23.3	23.8	21.0	21.8	21.4	22.2	22.7
	12H	22.1	22.9	22.6	23.3	23.8	21.1	21.8	21.6	22.3	22.8
8H	4H	21.6	22.4	22.1	22.9	23.3	20.6	21.4	21.1	21.9	22.3
	6H	22.2	22.9	22.7	23.4	23.9	21.2	21.9	21.7	22.4	22.9
	8H	22.4	23.0	22.9	23.5	24.0	21.5	22.1	22.0	22.6	23.1
	12H	22.5	23.1	23.1	23.6	24.1	21.6	22.2	22.1	22.7	23.2
12H	4H	21.6	22.3	22.1	22.8	23.3	20.7	21.4	21.1	21.9	22.3
	6H	22.2	22.9	22.8	23.3	23.9	21.3	21.9	21.8	22.4	22.9
	8H	22.5	23.0	23.0	23.5	24.1	21.6	22.1	22.1	22.6	23.1

Maximum UGR = 24.1

POLAR GRAPH



Maximum Candela = 778.22 Located At Horizontal Angle = 22.5, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (22.5 - 202.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)