



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-2-L10-827-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-L10-827-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	1954
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	107
Total Luminaire Watts	18.2
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	22816	19681	17952
55	20339	17295	15833
65	17930	15246	14034
75	14789	12979	12096
85	11156	10409	10029

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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	865.537	865.537	865.537	865.537	865.537
0.5	880.796	866.247	861.278	863.408	859.149
1.0	880.796	865.892	861.278	863.408	858.794
1.5	880.442	865.892	860.924	863.053	858.439
2.0	880.087	865.182	860.214	862.698	857.375
2.5	879.732	864.472	859.859	861.633	856.665
3.0	879.022	863.763	858.794	860.924	855.246
3.5	878.312	863.053	857.730	859.504	853.826
4.0	877.603	862.343	856.665	858.439	852.761
4.5	876.893	861.278	855.600	857.020	850.987
5.0	876.183	860.214	853.826	855.246	849.213
5.5	874.764	858.794	852.407	853.116	846.729
6.0	873.699	857.375	850.632	851.342	844.599
6.5	872.634	856.310	848.858	848.858	842.115
7.0	871.215	854.536	847.083	846.374	839.631
7.5	869.795	853.116	844.954	843.890	836.792
8.0	868.376	850.987	842.825	841.051	834.308
8.5	866.602	849.213	840.341	838.212	831.114
9.0	864.827	847.438	837.857	835.018	827.920
9.5	863.053	845.309	835.018	831.469	824.372
10.0	861.278	843.180	832.179	828.275	821.178
10.5	859.149	841.051	829.340	824.726	816.919
11.0	857.020	838.567	826.146	821.178	813.016
11.5	854.536	836.082	822.952	817.274	809.112
12.0	852.052	833.243	819.403	813.370	804.854
12.5	849.922	830.404	815.855	809.112	800.240
13.0	847.083	827.565	812.306	804.854	795.982
13.5	844.245	824.372	808.402	800.240	791.368
14.0	841.760	821.178	804.854	795.982	786.755
14.5	838.567	817.984	800.595	791.368	781.787
15.0	835.728	814.790	796.691	786.400	777.173
15.5	832.534	811.241	792.078	781.432	771.850
16.0	830.050	808.047	787.820	776.464	766.527
16.5	827.565	804.499	783.206	771.141	761.204
17.0	824.372	800.950	778.593	765.817	755.881
17.5	819.758	797.401	773.980	760.494	750.203
18.0	815.500	794.207	769.366	754.816	744.170
18.5	811.241	789.949	764.398	749.138	738.137
19.0	807.693	785.335	759.430	743.106	732.104
19.5	803.789	780.722	754.461	737.073	725.717
20.0	799.885	776.109	749.138	731.395	718.974
20.5	795.627	771.495	744.170	725.362	712.586
21.0	791.368	767.237	738.847	718.974	705.844
21.5	787.110	762.624	733.524	712.941	699.456
22.0	782.496	757.655	727.846	706.554	692.713
22.5	778.238	753.042	722.523	699.811	686.326
23.0	773.270	748.074	717.555	693.423	679.938
23.5	768.656	742.751	711.877	687.035	673.195
24.0	763.688	737.782	705.489	680.648	666.808
24.5	758.720	732.459	699.456	674.260	660.065
25.0	753.752	727.491	693.068	667.517	653.322
25.5	748.783	721.813	687.035	661.130	646.580
26.0	743.460	716.490	680.648	654.387	640.192
26.5	738.492	710.812	674.615	647.999	633.804

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CANDELA TABULATION - (Cont.)

27.0	732.814	705.489	668.227	641.612	627.062
27.5	727.491	699.456	662.194	635.224	619.964
28.0	722.168	693.778	655.807	628.836	613.577
28.5	716.845	688.100	649.419	622.094	607.189
29.0	711.167	682.067	643.386	615.351	600.801
29.5	705.134	676.034	636.998	608.608	594.413
30.0	699.456	670.002	630.611	602.221	587.671
30.5	693.423	664.324	624.578	595.833	580.928
31.0	687.390	658.291	618.190	589.090	574.186
31.5	681.003	651.903	611.447	582.348	567.798
32.0	674.970	645.870	605.060	575.605	561.055
32.5	668.582	639.482	598.672	568.863	554.313
33.0	662.549	633.095	591.929	562.120	547.570
33.5	656.161	626.707	585.542	555.732	540.827
34.0	649.774	620.319	579.154	548.990	534.085
34.5	643.741	613.577	572.056	542.247	527.342
35.0	637.353	607.189	565.669	535.150	520.600
35.5	630.965	600.446	558.926	528.407	514.212
36.0	624.223	594.059	552.538	522.019	507.469
36.5	617.835	587.316	545.796	515.277	501.082
37.0	611.447	580.573	539.053	508.179	494.339
37.5	604.705	573.831	532.311	501.791	488.306
38.0	598.317	567.088	525.568	495.049	481.564
38.5	591.574	560.346	519.180	488.661	475.176
39.0	584.832	553.603	512.083	481.918	468.788
39.5	578.089	546.860	505.340	475.531	462.400
40.0	570.992	540.118	498.598	468.788	456.013
40.5	563.894	533.375	491.855	462.755	449.980
41.0	557.152	526.633	485.112	456.368	443.237
41.5	550.054	519.535	478.370	449.980	436.850
42.0	542.957	512.792	471.982	443.237	430.817
42.5	536.214	505.695	465.239	436.850	424.429
43.0	529.117	498.952	458.852	430.817	418.396
43.5	522.019	491.855	451.754	424.784	412.363
44.0	514.922	485.112	445.366	418.396	406.330
44.5	507.824	478.370	438.624	412.008	400.298
45.0	501.082	471.272	432.236	405.975	394.265
45.5	493.984	464.530	425.848	399.943	388.232
46.0	486.887	457.787	419.461	393.910	382.554
46.5	480.144	450.690	412.718	387.877	376.521
47.0	473.047	443.947	406.330	381.844	370.843
47.5	466.304	437.204	400.298	375.456	365.165
48.0	459.207	430.462	393.910	369.778	359.132
48.5	452.109	423.719	387.877	363.746	353.667
49.0	445.366	416.622	381.134	358.068	347.954
49.5	438.269	409.879	375.101	351.999	342.240
50.0	431.526	403.491	368.714	346.073	336.527
50.5	424.429	396.749	362.681	340.466	331.097
51.0	417.686	390.006	356.293	334.965	325.703
51.5	410.589	383.264	350.296	329.358	319.812
52.0	403.846	376.876	344.050	323.574	314.276
52.5	396.749	370.133	337.875	317.789	308.953
53.0	390.006	363.746	331.771	312.076	303.275
53.5	382.909	357.358	325.951	306.717	298.129
54.0	376.166	350.651	320.061	301.430	292.700
54.5	369.424	344.086	314.063	296.000	287.377

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CANDELA TABULATION - (Cont.)

55.0	362.326	337.662	308.101	290.393	282.054
55.5	355.583	331.310	302.317	284.715	276.624
56.0	348.805	324.993	296.674	279.250	271.478
56.5	342.169	318.748	290.925	274.104	266.368
57.0	335.498	312.431	285.247	269.030	261.471
57.5	328.968	306.256	279.747	263.671	256.396
58.0	322.474	300.188	274.140	258.206	251.180
58.5	316.192	294.119	268.426	252.848	246.105
59.0	309.769	288.228	262.748	247.666	241.350
59.5	303.452	282.338	257.212	242.592	236.452
60.0	297.100	276.518	251.889	237.659	231.413
60.5	290.925	270.698	246.637	232.691	226.480
61.0	284.786	264.842	241.314	227.616	221.725
61.5	278.611	258.987	235.778	222.506	216.828
62.0	272.437	253.309	230.384	217.467	211.931
62.5	266.297	247.702	225.274	212.605	207.175
63.0	260.122	241.988	220.377	207.850	202.526
63.5	253.912	236.310	215.479	203.378	197.878
64.0	247.737	230.597	210.440	198.907	193.229
64.5	241.563	224.919	205.223	194.080	188.686
65.0	235.352	219.312	200.113	189.041	184.215
65.5	229.177	213.669	195.287	184.499	179.814
66.0	223.038	208.027	190.567	180.418	175.592
66.5	216.863	202.420	185.776	176.230	171.298
67.0	210.724	196.884	180.773	171.688	166.897
67.5	204.620	191.383	175.733	166.791	162.426
68.0	198.516	185.812	170.694	161.751	157.848
68.5	192.483	180.276	165.691	157.067	153.305
69.0	186.522	174.740	160.935	152.702	148.905
69.5	180.560	169.346	156.251	148.373	144.469
70.0	174.633	163.952	151.283	143.617	139.785
70.5	168.813	158.522	146.208	138.507	135.136
71.0	162.958	153.093	141.204	133.610	130.558
71.5	157.209	147.734	136.307	129.210	126.122
72.0	151.496	142.553	131.623	125.128	121.828
72.5	145.853	137.443	127.116	120.905	117.712
73.0	140.317	132.368	122.538	116.399	113.524
73.5	134.817	127.258	117.818	111.892	109.195
74.0	129.422	122.218	113.098	107.562	105.078
74.5	124.099	117.286	108.627	103.481	101.210
75.0	118.883	112.495	104.333	99.471	97.235
75.5	113.737	107.740	100.110	95.426	93.154
76.0	108.662	103.020	95.780	91.415	89.286
76.5	103.659	98.265	91.486	87.299	85.489
77.0	98.690	93.616	87.157	83.253	81.550
77.5	93.829	89.038	83.040	79.279	77.540
78.0	88.967	84.495	79.030	75.411	73.743
78.5	84.176	80.024	75.020	71.578	70.123
79.0	79.527	75.659	71.010	67.816	66.539
79.5	74.914	71.365	67.071	64.126	62.990
80.0	70.407	67.142	63.238	60.435	59.406
80.5	65.936	62.990	59.441	56.780	55.751
81.0	61.606	58.909	55.609	53.196	52.166
81.5	57.383	54.934	51.918	49.718	48.760
82.0	53.231	51.102	48.405	46.382	45.495
82.5	49.185	47.340	44.927	43.153	42.336

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CANDELA TABULATION - (Cont.)

83.0	45.211	43.614	41.520	39.888	39.249
83.5	41.307	39.923	38.078	36.658	36.162
84.0	37.510	36.375	34.636	33.465	33.003
84.5	33.819	32.897	31.300	30.342	29.951
85.0	30.200	29.490	28.177	27.325	27.148
85.5	26.651	26.119	25.125	24.486	24.522
86.0	23.209	22.783	22.144	21.860	21.860
86.5	19.873	19.589	19.163	19.092	19.163
87.0	16.608	16.502	16.253	16.253	16.360
87.5	13.485	13.379	13.414	13.592	13.663
88.0	10.469	10.540	10.859	11.108	11.214
88.5	7.665	7.914	8.517	8.588	8.659
89.0	5.181	5.572	5.926	5.359	5.323
89.5	3.584	3.691	2.768	2.626	2.910
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 : LRX2-2-L10-827-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-L10-827-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	306.47	N.A.	15.70
0-30	627.42	N.A.	32.10
0-40	984.75	N.A.	50.40
0-60	1605.62	N.A.	82.20
0-80	1921.3	N.A.	98.30
0-90	1953.63	N.A.	100.00
10-90	1872.43	N.A.	95.80
20-40	678.29	N.A.	34.70
20-50	1017.37	N.A.	52.10
40-70	823.73	N.A.	42.20
60-80	315.68	N.A.	16.20
70-80	112.82	N.A.	5.80
80-90	32.34	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	1953.63	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	81.20
10-20	225.26
20-30	320.96
30-40	357.33
40-50	339.08
50-60	281.78
60-70	202.86
70-80	112.82
80-90	32.34
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-L10-827-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	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 : LRX2-2-L10-827-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

X=2H	Y=2H	22.2	23.8	22.6	24.1	24.4	21.1	22.6	21.4	22.9	23.3
	3H	23.9	25.4	24.3	25.7	26.1	22.7	24.2	23.1	24.5	24.8
	4H	24.6	25.9	25.0	26.2	26.6	23.3	24.7	23.7	25.0	25.4
	6H	25.0	26.2	25.4	26.6	27.0	23.8	25.0	24.2	25.4	25.8
	8H	25.2	26.3	25.6	26.7	27.1	24.0	25.1	24.4	25.5	25.9
	12H	25.2	26.4	25.7	26.8	27.2	24.1	25.2	24.5	25.6	26.0

UGR Viewed Endwise

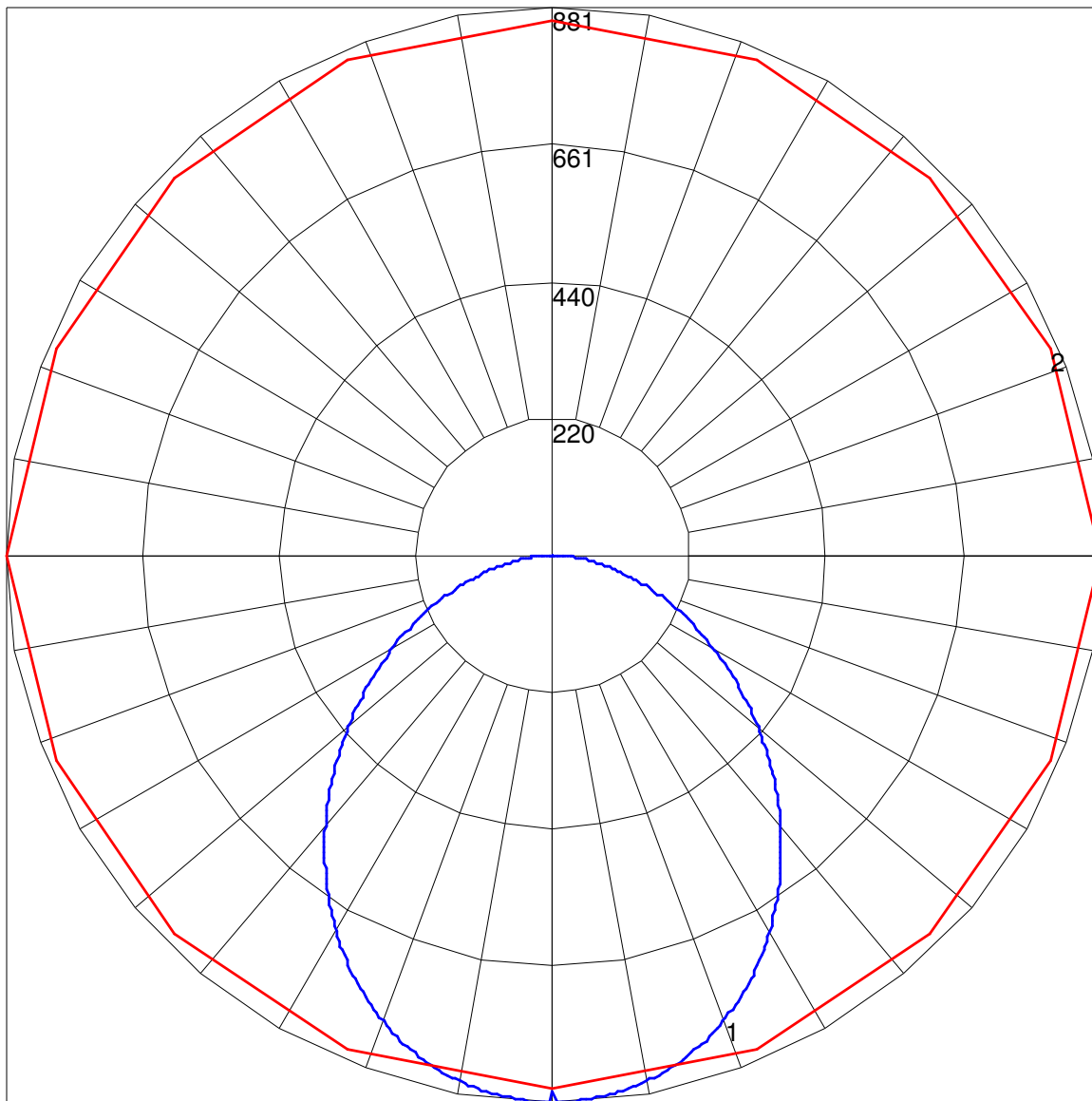
4H	2H	22.7	24.0	23.1	24.4	24.7	21.7	23.1	22.1	23.4	23.8
	3H	24.6	25.7	25.0	26.1	26.5	23.6	24.7	24.0	25.1	25.5
	4H	25.4	26.4	25.8	26.8	27.2	24.4	25.4	24.8	25.8	26.2
	6H	26.0	26.8	26.4	27.3	27.7	24.9	25.8	25.4	26.3	26.7
	8H	26.2	27.0	26.6	27.4	27.9	25.1	25.9	25.6	26.4	26.9
	12H	26.3	27.0	26.8	27.5	28.0	25.3	26.0	25.8	26.5	27.0

8H	4H	25.6	26.4	26.1	26.8	27.3	24.7	25.5	25.2	25.9	26.4
	6H	26.3	27.0	26.8	27.5	27.9	25.4	26.1	25.9	26.6	27.0
	8H	26.5	27.2	27.0	27.7	28.2	25.6	26.3	26.2	26.8	27.3
	12H	26.8	27.3	27.3	27.8	28.4	25.9	26.4	26.4	26.9	27.5

12H	4H	25.6	26.3	26.1	26.8	27.3	24.7	25.5	25.2	25.9	26.4
	6H	26.3	26.9	26.8	27.4	27.9	25.5	26.1	26.0	26.5	27.1
	8H	26.6	27.2	27.1	27.7	28.2	25.8	26.3	26.3	26.8	27.4

Maximum UGR = 28.4

POLAR GRAPH



Maximum Candela = 880.796 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.)