



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-2-L8-850-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-L8-850-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	1696
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	123
Total Luminaire Watts	13.8
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	19808	17086	15585
55	17657	15015	13745
65	15566	13235	12184
75	12839	11268	10501
85	9685	9037	8706

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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	751.416	751.416	751.416	751.416	751.416
0.5	764.663	752.032	747.719	749.567	745.870
1.0	764.663	751.724	747.719	749.567	745.562
1.5	764.355	751.724	747.411	749.259	745.254
2.0	764.047	751.108	746.795	748.951	744.330
2.5	763.739	750.492	746.487	748.027	743.714
3.0	763.123	749.875	745.562	747.411	742.481
3.5	762.507	749.259	744.638	746.178	741.249
4.0	761.891	748.643	743.714	745.254	740.325
4.5	761.275	747.719	742.790	744.022	738.784
5.0	760.658	746.795	741.249	742.481	737.244
5.5	759.426	745.562	740.017	740.633	735.087
6.0	758.502	744.330	738.476	739.093	733.239
6.5	757.578	743.406	736.936	736.936	731.082
7.0	756.345	741.865	735.396	734.779	728.926
7.5	755.113	740.633	733.547	732.623	726.461
8.0	753.881	738.784	731.699	730.158	724.305
8.5	752.340	737.244	729.542	727.693	721.532
9.0	750.800	735.704	727.385	724.921	718.759
9.5	749.259	733.855	724.921	721.840	715.678
10.0	747.719	732.007	722.456	719.067	712.905
10.5	745.870	730.158	719.991	715.986	709.208
11.0	744.022	728.002	717.219	712.905	705.820
11.5	741.865	725.845	714.446	709.517	702.431
12.0	739.709	723.380	711.365	706.128	698.734
12.5	737.860	720.916	708.284	702.431	694.729
13.0	735.396	718.451	705.203	698.734	691.032
13.5	732.931	715.678	701.814	694.729	687.026
14.0	730.774	712.905	698.734	691.032	683.021
14.5	728.002	710.133	695.037	687.026	678.708
15.0	725.537	707.360	691.648	682.713	674.703
15.5	722.764	704.279	687.643	678.400	670.082
16.0	720.608	701.506	683.946	674.087	665.461
16.5	718.451	698.426	679.940	669.466	660.839
17.0	715.678	695.345	675.935	664.844	656.218
17.5	711.673	692.264	671.930	660.223	651.289
18.0	707.976	689.491	667.925	655.294	646.051
18.5	704.279	685.794	663.612	650.364	640.814
19.0	701.198	681.789	659.299	645.127	635.576
19.5	697.809	677.784	654.986	639.890	630.031
20.0	694.420	673.779	650.364	634.960	624.177
20.5	690.723	669.774	646.051	629.723	618.632
21.0	687.026	666.077	641.430	624.177	612.778
21.5	683.329	662.072	636.809	618.940	607.233
22.0	679.324	657.758	631.879	613.394	601.379
22.5	675.627	653.753	627.258	607.541	595.834
23.0	671.314	649.440	622.945	601.995	590.288
23.5	667.309	644.819	618.016	596.450	584.435
24.0	662.996	640.506	612.470	590.904	578.889
24.5	658.683	635.885	607.233	585.359	573.035
25.0	654.370	631.571	601.687	579.505	567.182
25.5	650.056	626.642	596.450	573.960	561.328
26.0	645.435	622.021	590.904	568.106	555.783
26.5	641.122	617.091	585.667	562.561	550.237

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CANDELA TABULATION - (Cont.)

27.0	636.193	612.470	580.121	557.015	544.384
27.5	631.571	607.233	574.884	551.470	538.222
28.0	626.950	602.303	569.338	545.924	532.677
28.5	622.329	597.374	563.793	540.071	527.131
29.0	617.400	592.137	558.556	534.217	521.586
29.5	612.162	586.899	553.010	528.363	516.040
30.0	607.233	581.662	547.465	522.818	510.186
30.5	601.995	576.732	542.227	517.272	504.333
31.0	596.758	571.495	536.682	511.419	498.479
31.5	591.212	565.950	530.828	505.565	492.934
32.0	585.975	560.712	525.283	499.712	487.080
32.5	580.429	555.167	519.737	493.858	481.227
33.0	575.192	549.621	513.883	488.004	475.373
33.5	569.647	544.076	508.338	482.459	469.519
34.0	564.101	538.530	502.792	476.605	463.666
34.5	558.864	532.677	496.631	470.752	457.812
35.0	553.318	527.131	491.085	464.590	451.959
35.5	547.773	521.277	485.232	458.736	446.413
36.0	541.919	515.732	479.686	453.191	440.560
36.5	536.374	509.878	473.833	447.337	435.014
37.0	530.828	504.025	467.979	441.176	429.160
37.5	524.974	498.171	462.125	435.630	423.923
38.0	519.429	492.318	456.272	429.777	418.069
38.5	513.575	486.464	450.726	424.231	412.524
39.0	507.722	480.610	444.565	418.378	406.978
39.5	501.868	474.757	438.711	412.832	401.433
40.0	495.707	468.903	432.857	406.978	395.887
40.5	489.545	463.050	427.004	401.741	390.650
41.0	483.691	457.196	421.150	396.196	384.796
41.5	477.530	451.034	415.297	390.650	379.251
42.0	471.368	445.181	409.751	384.796	374.013
42.5	465.514	439.019	403.898	379.251	368.468
43.0	459.353	433.166	398.352	374.013	363.231
43.5	453.191	427.004	392.190	368.776	357.993
44.0	447.029	421.150	386.645	363.231	352.756
44.5	440.868	415.297	380.791	357.685	347.518
45.0	435.014	409.135	375.246	352.448	342.281
45.5	428.852	403.281	369.700	347.210	337.043
46.0	422.691	397.428	364.155	341.973	332.114
46.5	416.837	391.266	358.301	336.735	326.877
47.0	410.675	385.413	352.756	331.498	321.947
47.5	404.822	379.559	347.518	325.952	317.018
48.0	398.660	373.705	341.973	321.023	311.781
48.5	392.498	367.852	336.735	315.786	307.036
49.0	386.645	361.690	330.882	310.856	302.076
49.5	380.483	355.837	325.644	305.588	297.116
50.0	374.630	350.291	320.099	300.443	292.156
50.5	368.468	344.437	314.861	295.575	287.442
51.0	362.614	338.584	309.316	290.800	282.759
51.5	356.453	332.730	304.109	285.932	277.645
52.0	350.599	327.185	298.687	280.911	272.839
52.5	344.437	321.331	293.326	275.889	268.218
53.0	338.584	315.786	288.027	270.929	263.288
53.5	332.422	310.240	282.975	266.277	258.821
54.0	326.569	304.417	277.861	261.686	254.107
54.5	320.715	298.718	272.654	256.973	249.486

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CANDELA TABULATION - (Cont.)

55.0	314.553	293.142	267.478	252.105	244.865
55.5	308.700	287.627	262.456	247.175	240.151
56.0	302.815	282.143	257.558	242.431	235.684
56.5	297.054	276.721	252.567	237.964	231.248
57.0	291.262	271.237	247.638	233.558	226.996
57.5	285.593	265.876	242.862	228.906	222.590
58.0	279.956	260.608	237.995	224.162	218.062
58.5	274.502	255.340	233.034	219.510	213.656
59.0	268.926	250.225	228.105	215.012	209.528
59.5	263.442	245.111	223.299	210.606	205.276
60.0	257.928	240.059	218.678	206.324	200.901
60.5	252.567	235.006	214.118	202.010	196.619
61.0	247.237	229.923	209.497	197.605	192.491
61.5	241.876	224.839	204.691	193.168	188.239
62.0	236.516	219.910	200.008	188.794	183.988
62.5	231.186	215.042	195.571	184.573	179.859
63.0	225.825	210.082	191.320	180.445	175.823
63.5	220.434	205.153	187.068	176.563	171.787
64.0	215.073	200.193	182.694	172.681	167.752
64.5	209.713	195.263	178.165	168.491	163.808
65.0	204.321	190.396	173.728	164.116	159.926
65.5	198.960	185.497	169.538	160.173	156.106
66.0	193.631	180.599	165.441	156.630	152.440
66.5	188.270	175.731	161.282	152.994	148.712
67.0	182.940	170.925	156.938	149.051	144.892
67.5	177.641	166.149	152.563	144.799	141.010
68.0	172.342	161.313	148.188	140.425	137.036
68.5	167.105	156.506	143.844	136.358	133.092
69.0	161.929	151.700	139.716	132.568	129.272
69.5	156.753	147.017	135.649	128.810	125.421
70.0	151.608	142.335	131.336	124.681	121.354
70.5	146.555	137.621	126.930	120.245	117.318
71.0	141.472	132.907	122.586	115.993	113.344
71.5	136.481	128.255	118.335	112.173	109.493
72.0	131.521	123.757	114.268	108.630	105.765
72.5	126.622	119.321	110.356	104.964	102.191
73.0	121.816	114.915	106.381	101.051	98.556
73.5	117.041	110.479	102.284	97.139	94.797
74.0	112.358	106.104	98.186	93.380	91.224
74.5	107.737	101.822	94.304	89.837	87.865
75.0	103.208	97.662	90.577	86.356	84.415
75.5	98.741	93.534	86.910	82.844	80.872
76.0	94.335	89.437	83.152	79.362	77.514
76.5	89.991	85.308	79.424	75.789	74.217
77.0	85.678	81.272	75.665	72.276	70.798
77.5	81.457	77.298	72.092	68.826	67.316
78.0	77.237	73.355	68.610	65.468	64.020
78.5	73.077	69.473	65.129	62.140	60.877
79.0	69.042	65.683	61.648	58.875	57.766
79.5	65.036	61.956	58.228	55.671	54.685
80.0	61.124	58.289	54.900	52.467	51.573
80.5	57.242	54.685	51.604	49.293	48.400
81.0	53.483	51.142	48.277	46.182	45.288
81.5	49.817	47.691	45.073	43.163	42.331
82.0	46.213	44.364	42.023	40.267	39.496
82.5	42.700	41.098	39.003	37.463	36.754

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CANDELA TABULATION - (Cont.)

83.0	39.250	37.863	36.046	34.629	34.074
83.5	35.861	34.659	33.057	31.825	31.394
84.0	32.564	31.579	30.069	29.052	28.652
84.5	29.360	28.559	27.173	26.341	26.002
85.0	26.218	25.602	24.462	23.722	23.568
85.5	23.137	22.675	21.812	21.258	21.289
86.0	20.149	19.779	19.224	18.978	18.978
86.5	17.253	17.006	16.637	16.575	16.637
87.0	14.418	14.326	14.110	14.110	14.203
87.5	11.707	11.615	11.646	11.800	11.861
88.0	9.088	9.150	9.427	9.643	9.735
88.5	6.655	6.870	7.394	7.456	7.517
89.0	4.498	4.837	5.145	4.652	4.621
89.5	3.112	3.204	2.403	2.280	2.526
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
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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-L8-850-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	266.06	N.A.	15.70
0-30	544.70	N.A.	32.10
0-40	854.91	N.A.	50.40
0-60	1393.92	N.A.	82.20
0-80	1667.97	N.A.	98.30
0-90	1696.05	N.A.	100.00
10-90	1625.55	N.A.	95.80
20-40	588.86	N.A.	34.70
20-50	883.23	N.A.	52.10
40-70	715.12	N.A.	42.20
60-80	274.06	N.A.	16.20
70-80	97.94	N.A.	5.80
80-90	28.07	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	1696.05	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	70.49
10-20	195.56
20-30	278.64
30-40	310.22
40-50	294.37
50-60	244.63
60-70	176.11
70-80	97.94
80-90	28.07
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-L8-850-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 : LRX2-2-L8-850-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	21.7	23.3	22.1	23.6	23.9	20.6	22.1	20.9	22.4	22.8
	3H	23.4	24.9	23.8	25.2	25.6	22.2	23.7	22.6	24.0	24.3
	4H	24.1	25.4	24.5	25.7	26.1	22.8	24.2	23.2	24.5	24.9
	6H	24.5	25.7	24.9	26.1	26.5	23.3	24.5	23.7	24.9	25.3
	8H	24.7	25.8	25.1	26.2	26.6	23.5	24.6	23.9	25.0	25.4
	12H	24.7	25.9	25.2	26.3	26.7	23.6	24.7	24.0	25.1	25.5

UGR Viewed Endwise

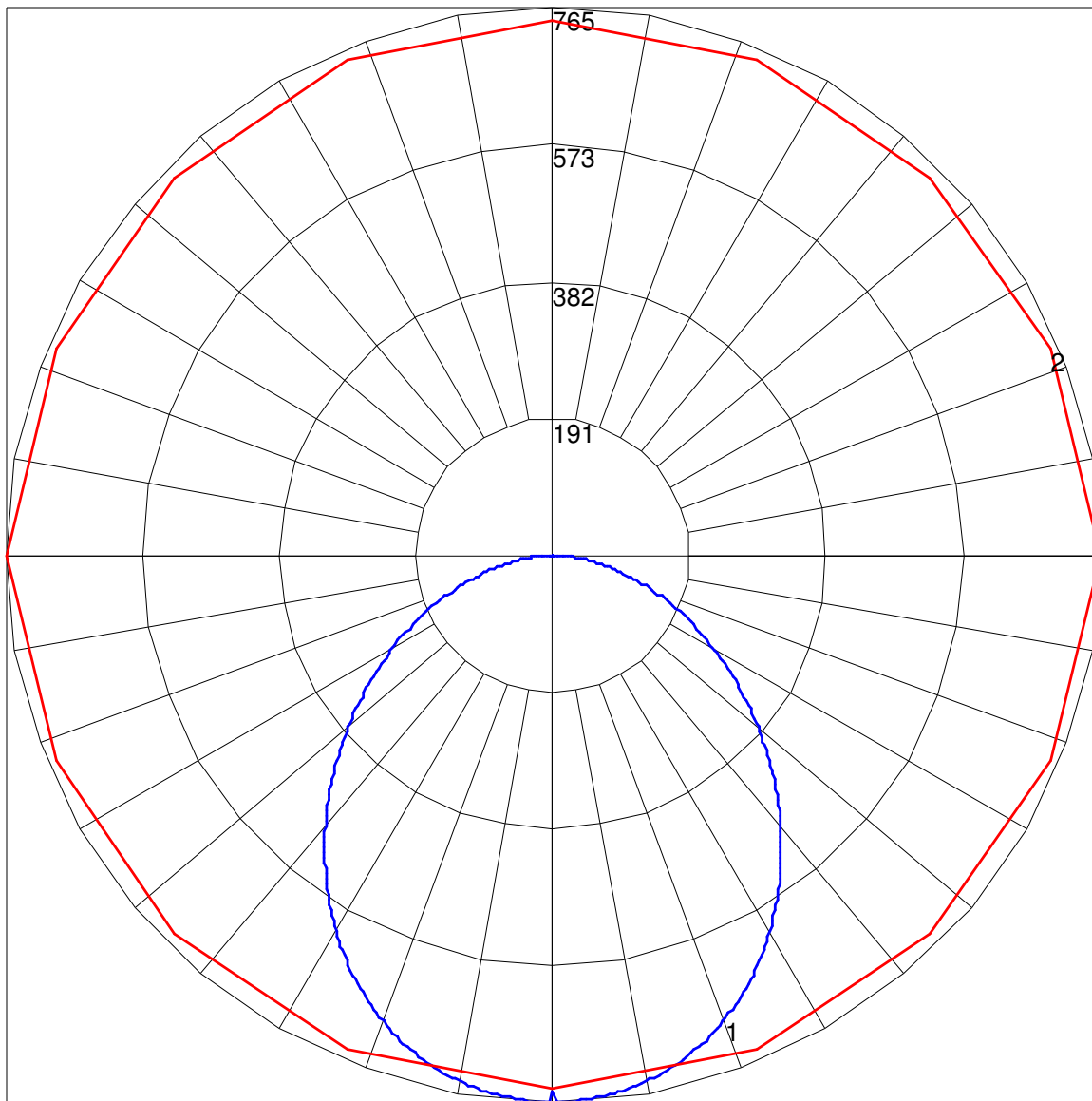
4H	2H	22.2	23.5	22.6	23.9	24.2	21.2	22.6	21.6	22.9	23.3
	3H	24.1	25.2	24.5	25.6	26.0	23.1	24.2	23.5	24.6	25.0
	4H	24.9	25.9	25.3	26.3	26.7	23.9	24.9	24.3	25.3	25.7
	6H	25.5	26.3	25.9	26.8	27.2	24.4	25.3	24.9	25.8	26.2
	8H	25.7	26.5	26.1	26.9	27.4	24.6	25.4	25.1	25.9	26.4
	12H	25.8	26.5	26.3	27.0	27.5	24.8	25.5	25.3	26.0	26.5

8H	4H	25.1	25.9	25.6	26.3	26.8	24.2	25.0	24.7	25.4	25.9
	6H	25.8	26.5	26.3	27.0	27.4	24.9	25.6	25.4	26.1	26.5
	8H	26.0	26.7	26.5	27.2	27.6	25.1	25.8	25.7	26.3	26.8
	12H	26.3	26.8	26.8	27.3	27.9	25.4	25.9	25.9	26.4	27.0

12H	4H	25.1	25.8	25.6	26.3	26.8	24.2	25.0	24.7	25.4	25.9
	6H	25.8	26.4	26.3	26.9	27.4	25.0	25.6	25.5	26.0	26.6
	8H	26.1	26.7	26.6	27.2	27.7	25.3	25.8	25.8	26.3	26.9

Maximum UGR = 27.9

POLAR GRAPH



Maximum Candela = 764.663 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.)