



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-2-L10-830-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-L10-830-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	1994
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	110
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	23286	20087	18322
55	20758	17652	16159
65	18300	15560	14324
75	15094	13247	12345
85	11386	10624	10236

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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	883.383	883.383	883.383	883.383	883.383
0.5	898.957	884.107	879.037	881.210	876.864
1.0	898.957	883.745	879.037	881.210	876.501
1.5	898.595	883.745	878.675	880.848	876.139
2.0	898.233	883.021	877.950	880.486	875.053
2.5	897.871	882.297	877.588	879.399	874.328
3.0	897.146	881.572	876.501	878.675	872.880
3.5	896.422	880.848	875.415	877.226	871.431
4.0	895.698	880.123	874.328	876.139	870.344
4.5	894.973	879.037	873.242	874.691	868.533
5.0	894.249	877.950	871.431	872.880	866.722
5.5	892.800	876.501	869.982	870.706	864.187
6.0	891.713	875.053	868.171	868.895	862.014
6.5	890.627	873.966	866.360	866.360	859.479
7.0	889.178	872.155	864.549	863.825	856.943
7.5	887.729	870.706	862.376	861.289	854.046
8.0	886.281	868.533	860.203	858.392	851.510
8.5	884.470	866.722	857.668	855.494	848.251
9.0	882.659	864.911	855.132	852.235	844.991
9.5	880.848	862.738	852.235	848.613	841.369
10.0	879.037	860.565	849.337	845.353	838.109
10.5	876.864	858.392	846.440	841.731	833.763
11.0	874.691	855.857	843.180	838.109	829.779
11.5	872.155	853.321	839.920	834.125	825.795
12.0	869.620	850.424	836.298	830.141	821.448
12.5	867.447	847.526	832.676	825.795	816.740
13.0	864.549	844.629	829.054	821.448	812.394
13.5	861.652	841.369	825.070	816.740	807.685
14.0	859.116	838.109	821.448	812.394	802.977
14.5	855.857	834.850	817.102	807.685	797.906
15.0	852.959	831.590	813.118	802.615	793.198
15.5	849.699	827.968	808.410	797.544	787.765
16.0	847.164	824.708	804.063	792.473	782.332
16.5	844.629	821.086	799.355	787.040	776.899
17.0	841.369	817.464	794.646	781.608	771.466
17.5	836.661	813.842	789.938	776.175	765.671
18.0	832.314	810.583	785.229	770.380	759.514
18.5	827.968	806.236	780.159	764.585	753.357
19.0	824.346	801.528	775.088	758.427	747.199
19.5	820.362	796.820	770.017	752.270	740.680
20.0	816.378	792.111	764.585	746.475	733.798
20.5	812.032	787.403	759.514	740.318	727.279
21.0	807.685	783.056	754.081	733.798	720.397
21.5	803.339	778.348	748.648	727.641	713.878
22.0	798.630	773.277	742.853	721.122	706.996
22.5	794.284	768.569	737.420	714.240	700.477
23.0	789.214	763.498	732.350	707.721	693.957
23.5	784.505	758.065	726.555	701.201	687.076
24.0	779.434	752.994	720.035	694.682	680.556
24.5	774.364	747.562	713.878	688.162	673.675
25.0	769.293	742.491	707.358	681.281	666.793
25.5	764.222	736.696	701.201	674.761	659.911
26.0	758.790	731.263	694.682	667.880	653.392
26.5	753.719	725.468	688.525	661.360	646.873

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CANDELA TABULATION - (Cont.)

27.0	747.924	720.035	682.005	654.841	639.991
27.5	742.491	713.878	675.848	648.321	632.747
28.0	737.058	708.083	669.328	641.802	626.228
28.5	731.625	702.288	662.809	634.920	619.708
29.0	725.830	696.131	656.652	628.039	613.189
29.5	719.673	689.973	650.132	621.157	606.669
30.0	713.878	683.816	643.613	614.638	599.788
30.5	707.721	678.021	637.456	608.118	592.906
31.0	701.563	671.864	630.936	601.237	586.025
31.5	695.044	665.344	624.055	594.355	579.505
32.0	688.887	659.187	617.535	587.473	572.623
32.5	682.367	652.668	611.016	580.592	565.742
33.0	676.210	646.148	604.134	573.710	558.860
33.5	669.691	639.629	597.615	567.191	551.979
34.0	663.171	633.109	591.095	560.309	545.097
34.5	657.014	626.228	583.851	553.427	538.215
35.0	650.494	619.708	577.332	546.184	531.334
35.5	643.975	612.827	570.450	539.302	524.814
36.0	637.093	606.307	563.931	532.783	517.933
36.5	630.574	599.426	557.049	525.901	511.413
37.0	624.055	592.544	550.168	518.657	504.532
37.5	617.173	585.662	543.286	512.138	498.374
38.0	610.654	578.781	536.404	505.256	491.493
38.5	603.772	571.899	529.885	498.737	484.973
39.0	596.890	565.017	522.641	491.855	478.454
39.5	590.009	558.136	515.760	485.336	471.934
40.0	582.765	551.254	508.878	478.454	465.415
40.5	575.521	544.373	501.996	472.297	459.258
41.0	568.639	537.491	495.115	465.777	452.376
41.5	561.396	530.247	488.233	459.258	445.857
42.0	554.152	523.366	481.714	452.376	439.700
42.5	547.270	516.122	474.832	445.857	433.180
43.0	540.026	509.240	468.313	439.700	427.023
43.5	532.783	501.996	461.069	433.542	420.866
44.0	525.539	495.115	454.549	427.023	414.708
44.5	518.295	488.233	447.668	420.503	408.551
45.0	511.413	480.989	441.148	414.346	402.394
45.5	504.169	474.108	434.629	408.189	396.237
46.0	496.926	467.226	428.109	402.032	390.442
46.5	490.044	459.982	421.228	395.874	384.284
47.0	482.800	453.101	414.708	389.717	378.489
47.5	475.919	446.219	408.551	383.198	372.694
48.0	468.675	439.337	402.032	377.403	366.537
48.5	461.431	432.456	395.874	371.245	360.959
49.0	454.549	425.212	388.993	365.450	355.128
49.5	447.306	418.330	382.836	359.257	349.297
50.0	440.424	411.811	376.316	353.208	343.465
50.5	433.180	404.929	370.159	347.486	337.924
51.0	426.298	398.048	363.639	341.872	332.419
51.5	419.055	391.166	357.518	336.149	326.406
52.0	412.173	384.647	351.144	330.245	320.756
52.5	404.929	377.765	344.842	324.342	315.323
53.0	398.048	371.245	338.612	318.510	309.528
53.5	390.804	364.726	332.672	313.041	304.276
54.0	383.922	357.881	326.660	307.645	298.735
54.5	377.041	351.180	320.539	302.103	293.302

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CANDELA TABULATION - (Cont.)

55.0	369.797	344.624	314.454	296.381	287.869
55.5	362.915	338.141	308.550	290.586	282.328
56.0	355.997	331.694	302.791	285.008	277.076
56.5	349.224	325.320	296.924	279.756	271.860
57.0	342.415	318.873	291.129	274.577	266.862
57.5	335.751	312.571	285.515	269.108	261.683
58.0	329.123	306.377	279.792	263.530	256.359
58.5	322.712	300.184	273.961	258.061	251.179
59.0	316.156	294.171	268.166	252.773	246.326
59.5	309.709	288.159	262.516	247.594	241.328
60.0	303.226	282.219	257.083	242.559	236.185
60.5	296.924	276.279	251.723	237.488	231.150
61.0	290.658	270.303	246.290	232.309	226.297
61.5	284.356	264.327	240.639	227.094	221.299
62.0	278.054	258.532	235.134	221.950	216.300
62.5	271.788	252.809	229.919	216.988	211.447
63.0	265.486	246.978	224.920	212.135	206.702
63.5	259.147	241.183	219.922	207.571	201.958
64.0	252.845	235.352	214.779	203.008	197.213
64.5	246.543	229.556	209.455	198.082	192.577
65.0	240.205	223.834	204.239	192.939	188.013
65.5	233.903	218.075	199.314	188.303	183.522
66.0	227.637	212.316	194.496	184.138	179.212
66.5	221.335	206.594	189.607	179.864	174.829
67.0	215.069	200.943	184.500	175.228	170.338
67.5	208.839	195.329	179.357	170.230	165.775
68.0	202.609	189.643	174.214	165.087	161.102
68.5	196.452	183.993	169.107	160.306	156.466
69.0	190.367	178.343	164.253	155.851	151.975
69.5	184.283	172.837	159.473	151.432	147.448
70.0	178.234	167.332	154.402	146.579	142.667
70.5	172.294	161.791	149.223	141.363	137.922
71.0	166.318	156.249	144.116	136.365	133.250
71.5	160.450	150.780	139.117	131.874	128.723
72.0	154.619	145.492	134.337	127.708	124.340
72.5	148.860	140.276	129.737	123.398	120.139
73.0	143.210	135.097	125.064	118.799	115.865
73.5	137.596	129.882	120.247	114.199	111.446
74.0	132.091	124.738	115.430	109.780	107.245
74.5	126.658	119.704	110.867	105.615	103.297
75.0	121.334	114.814	106.484	101.522	99.240
75.5	116.082	109.961	102.174	97.393	95.075
76.0	110.903	105.144	97.755	93.300	91.127
76.5	105.796	100.291	93.373	89.099	87.252
77.0	100.725	95.546	88.954	84.970	83.231
77.5	95.763	90.874	84.753	80.913	79.139
78.0	90.801	86.238	80.660	76.966	75.263
78.5	85.912	81.674	76.567	73.054	71.569
79.0	81.167	77.219	72.474	69.215	67.911
79.5	76.458	72.837	68.454	65.448	64.289
80.0	71.859	68.526	64.542	61.681	60.631
80.5	67.295	64.289	60.667	57.951	56.900
81.0	62.876	60.124	56.755	54.292	53.242
81.5	58.566	56.067	52.988	50.743	49.765
82.0	54.329	52.155	49.403	47.338	46.433
82.5	50.200	48.316	45.853	44.042	43.209

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CANDELA TABULATION - (Cont.)

83.0	46.143	44.513	42.376	40.710	40.058
83.5	42.159	40.746	38.863	37.414	36.907
84.0	38.284	37.125	35.350	34.155	33.684
84.5	34.517	33.575	31.945	30.967	30.569
85.0	30.822	30.098	28.758	27.889	27.708
85.5	27.201	26.657	25.643	24.991	25.027
86.0	23.687	23.253	22.601	22.311	22.311
86.5	20.283	19.993	19.558	19.486	19.558
87.0	16.951	16.842	16.588	16.588	16.697
87.5	13.763	13.655	13.691	13.872	13.944
88.0	10.685	10.757	11.083	11.337	11.445
88.5	7.823	8.077	8.693	8.765	8.837
89.0	5.288	5.686	6.049	5.469	5.433
89.5	3.658	3.767	2.825	2.680	2.970
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-L10-830-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	312.78	N.A.	15.70
0-30	640.36	N.A.	32.10
0-40	1005.06	N.A.	50.40
0-60	1638.72	N.A.	82.20
0-80	1960.91	N.A.	98.30
0-90	1993.91	N.A.	100.00
10-90	1911.04	N.A.	95.80
20-40	692.27	N.A.	34.70
20-50	1038.35	N.A.	52.10
40-70	840.71	N.A.	42.20
60-80	322.19	N.A.	16.20
70-80	115.14	N.A.	5.80
80-90	33.00	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	1993.91	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	82.88
10-20	229.91
20-30	327.57
30-40	364.70
40-50	346.07
50-60	287.59
60-70	207.04
70-80	115.14
80-90	33.00
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-L10-830-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-L10-830-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	22.3	23.9	22.7	24.2	24.5	21.2	22.7	21.5	23.0	23.4
	3H	24.0	25.5	24.4	25.8	26.2	22.8	24.3	23.2	24.6	24.9
	4H	24.7	26.0	25.1	26.3	26.7	23.4	24.8	23.8	25.1	25.5
	6H	25.1	26.3	25.5	26.7	27.1	23.9	25.1	24.3	25.5	25.9
	8H	25.3	26.4	25.7	26.8	27.2	24.1	25.2	24.5	25.6	26.0
	12H	25.3	26.5	25.8	26.9	27.3	24.2	25.3	24.6	25.7	26.1

UGR Viewed Endwise

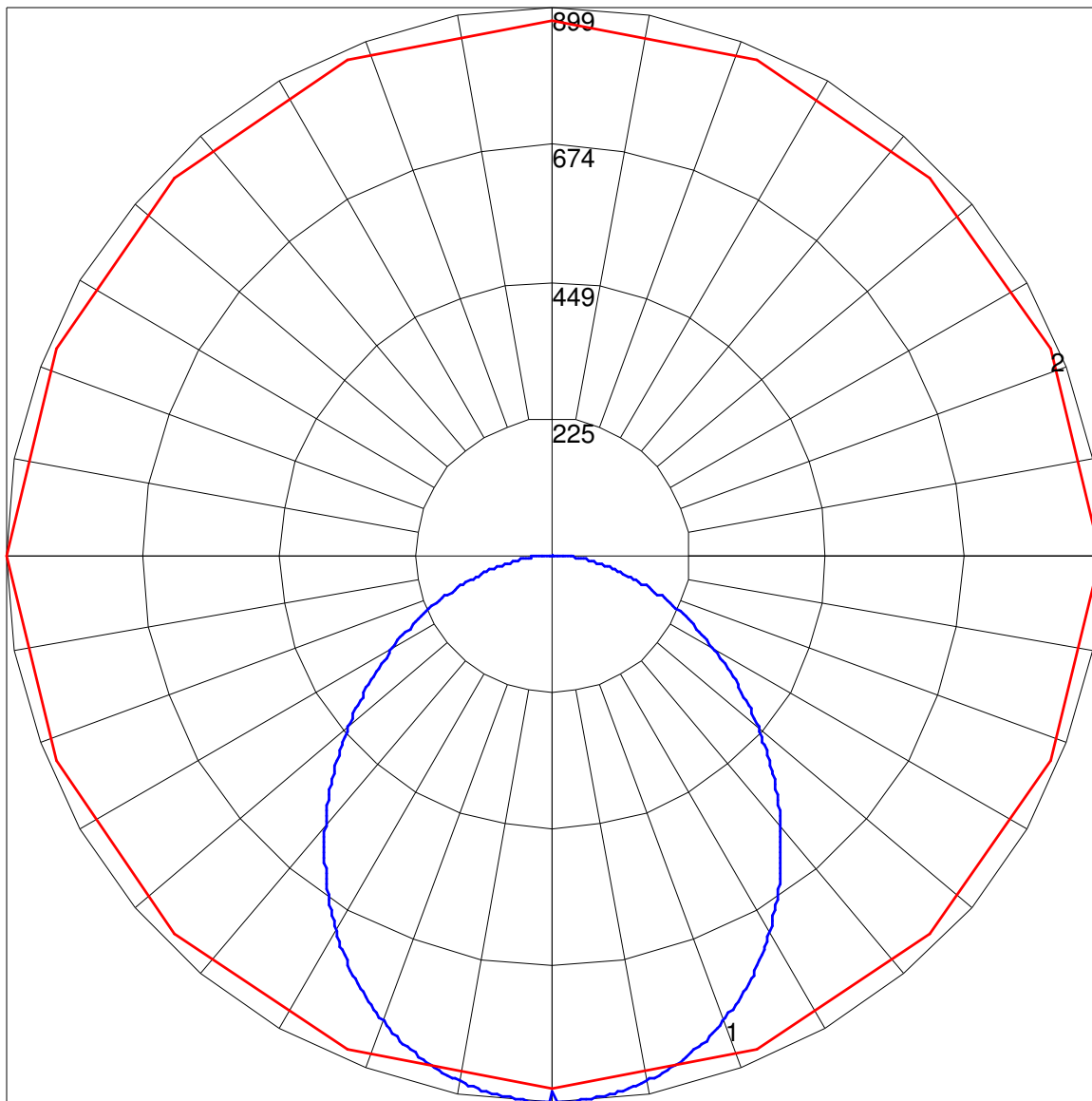
4H	2H	22.8	24.1	23.2	24.5	24.8	21.8	23.2	22.2	23.5	23.9
	3H	24.7	25.8	25.1	26.2	26.6	23.7	24.8	24.1	25.2	25.6
	4H	25.5	26.5	25.9	26.9	27.3	24.5	25.5	24.9	25.9	26.3
	6H	26.1	26.9	26.5	27.4	27.8	25.0	25.9	25.5	26.4	26.8
	8H	26.3	27.1	26.7	27.5	28.0	25.2	26.1	25.7	26.5	27.0
	12H	26.4	27.1	26.9	27.6	28.1	25.4	26.1	25.9	26.6	27.1

8H	4H	25.7	26.5	26.2	26.9	27.4	24.8	25.6	25.3	26.0	26.5
	6H	26.4	27.1	26.9	27.6	28.0	25.5	26.2	26.0	26.7	27.1
	8H	26.6	27.3	27.1	27.8	28.3	25.7	26.4	26.3	26.9	27.4
	12H	26.9	27.4	27.4	27.9	28.5	26.0	26.5	26.5	27.0	27.6

12H	4H	25.7	26.4	26.2	26.9	27.4	24.8	25.6	25.3	26.0	26.5
	6H	26.4	27.0	26.9	27.5	28.0	25.6	26.2	26.1	26.6	27.2
	8H	26.7	27.3	27.2	27.8	28.3	25.9	26.4	26.4	26.9	27.5

Maximum UGR = 28.5

POLAR GRAPH



Maximum Candela = 898.957 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.)