



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-2-L10-840-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-L10-840-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	2074
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	114
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	24227	20899	19063
55	21597	18365	16812
65	19039	16189	14903
75	15704	13782	12844
85	11847	11053	10649

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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	919.075	919.075	919.075	919.075	919.075
0.5	935.279	919.829	914.554	916.815	912.293
1.0	935.279	919.452	914.554	916.815	911.916
1.5	934.902	919.452	914.177	916.438	911.539
2.0	934.525	918.699	913.423	916.061	910.408
2.5	934.148	917.945	913.046	914.930	909.655
3.0	933.395	917.191	911.916	914.177	908.148
3.5	932.641	916.438	910.785	912.669	906.640
4.0	931.887	915.684	909.655	911.539	905.510
4.5	931.134	914.554	908.524	910.032	903.626
5.0	930.380	913.423	906.640	908.148	901.742
5.5	928.873	911.916	905.133	905.887	899.104
6.0	927.742	910.408	903.249	904.002	896.843
6.5	926.612	909.278	901.365	901.365	894.205
7.0	925.105	907.394	899.481	898.727	891.567
7.5	923.597	905.887	897.220	896.089	888.553
8.0	922.090	903.626	894.959	893.075	885.915
8.5	920.206	901.742	892.321	890.060	882.523
9.0	918.322	899.857	889.683	886.669	879.132
9.5	916.438	897.596	886.669	882.900	875.364
10.0	914.554	895.336	883.654	879.509	871.972
10.5	912.293	893.075	880.639	875.741	867.450
11.0	910.032	890.437	877.248	871.972	863.305
11.5	907.394	887.799	873.856	867.827	859.160
12.0	904.756	884.784	870.088	863.682	854.638
12.5	902.495	881.770	866.320	859.160	849.740
13.0	899.481	878.755	862.552	854.638	845.218
13.5	896.466	875.364	858.407	849.740	840.319
14.0	893.828	871.972	854.638	845.218	835.420
14.5	890.437	868.581	850.117	840.319	830.145
15.0	887.422	865.190	845.971	835.044	825.246
15.5	884.031	861.421	841.073	829.768	819.594
16.0	881.393	858.030	836.551	824.492	813.941
16.5	878.755	854.262	831.652	818.840	808.289
17.0	875.364	850.493	826.753	813.188	802.637
17.5	870.465	846.725	821.855	807.535	796.607
18.0	865.943	843.334	816.956	801.506	790.201
18.5	861.421	838.812	811.680	795.477	783.795
19.0	857.653	833.913	806.405	789.071	777.389
19.5	853.508	829.014	801.129	782.665	770.607
20.0	849.363	824.116	795.477	776.636	763.447
20.5	844.841	819.217	790.201	770.230	756.664
21.0	840.319	814.695	784.549	763.447	749.504
21.5	835.797	809.796	778.897	757.041	742.721
22.0	830.898	804.521	772.867	750.258	735.562
22.5	826.377	799.622	767.215	743.098	728.779
23.0	821.101	794.346	761.940	736.315	721.996
23.5	816.202	788.694	755.910	729.533	714.836
24.0	810.927	783.419	749.128	722.750	708.054
24.5	805.651	777.766	742.721	715.967	700.894
25.0	800.376	772.491	735.939	708.807	693.734
25.5	795.100	766.461	729.533	702.024	686.575
26.0	789.448	760.809	722.750	694.865	679.792
26.5	784.172	754.780	716.344	688.082	673.009

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CANDELA TABULATION - (Cont.)

27.0	778.143	749.128	709.561	681.299	665.849
27.5	772.491	742.721	703.155	674.516	658.313
28.0	766.838	736.692	696.372	667.733	651.530
28.5	761.186	730.663	689.589	660.574	644.747
29.0	755.157	724.257	683.183	653.414	637.964
29.5	748.751	717.851	676.400	646.254	631.181
30.0	742.721	711.445	669.618	639.472	624.022
30.5	736.315	705.416	663.211	632.689	616.862
31.0	729.909	699.010	656.429	625.529	609.702
31.5	723.127	692.227	649.269	618.369	602.920
32.0	716.721	685.821	642.486	611.210	595.760
32.5	709.938	679.038	635.703	604.050	588.600
33.0	703.532	672.255	628.544	596.890	581.441
33.5	696.749	665.472	621.761	590.107	574.281
34.0	689.966	658.690	614.978	582.948	567.121
34.5	683.560	651.530	607.441	575.788	559.962
35.0	676.777	644.747	600.659	568.252	552.802
35.5	669.994	637.587	593.499	561.092	546.019
36.0	662.835	630.805	586.716	554.309	538.859
36.5	656.052	623.645	579.556	547.149	532.076
37.0	649.269	616.485	572.397	539.613	524.917
37.5	642.109	609.326	565.237	532.830	518.511
38.0	635.326	602.166	558.077	525.670	511.351
38.5	628.167	595.006	551.295	518.888	504.568
39.0	621.007	587.847	543.758	511.728	497.785
39.5	613.847	580.687	536.598	504.945	491.003
40.0	606.311	573.527	529.439	497.785	484.220
40.5	598.774	566.368	522.279	491.379	477.814
41.0	591.615	559.208	515.119	484.597	470.654
41.5	584.078	551.671	507.960	477.814	463.871
42.0	576.542	544.512	501.177	470.654	457.465
42.5	569.382	536.975	494.017	463.871	450.682
43.0	561.846	529.816	487.234	457.465	444.276
43.5	554.309	522.279	479.698	451.059	437.870
44.0	546.773	515.119	472.915	444.276	431.464
44.5	539.236	507.960	465.755	437.493	425.058
45.0	532.076	500.423	458.972	431.087	418.652
45.5	524.540	493.264	452.190	424.681	412.246
46.0	517.003	486.104	445.407	418.275	406.217
46.5	509.844	478.567	438.247	411.869	399.811
47.0	502.307	471.408	431.464	405.463	393.782
47.5	495.148	464.248	425.058	398.681	387.753
48.0	487.611	457.088	418.275	392.651	381.347
48.5	480.075	449.929	411.869	386.245	375.544
49.0	472.915	442.392	404.710	380.216	369.477
49.5	465.379	435.233	398.304	373.772	363.410
50.0	458.219	428.450	391.521	367.479	357.343
50.5	450.682	421.290	385.115	361.526	351.577
51.0	443.523	414.130	378.332	355.685	345.850
51.5	435.986	406.971	371.964	349.731	339.594
52.0	428.827	400.188	365.332	343.589	333.716
52.5	421.290	393.028	358.775	337.447	328.064
53.0	414.130	386.245	352.293	331.380	322.034
53.5	406.594	379.462	346.113	325.690	316.570
54.0	399.434	372.340	339.858	320.075	310.805
54.5	392.275	365.369	333.490	314.309	305.153

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CANDELA TABULATION - (Cont.)

55.0	384.738	358.549	327.159	308.356	299.500
55.5	377.578	351.804	321.017	302.326	293.735
56.0	370.381	345.096	315.025	296.523	288.271
56.5	363.334	338.464	308.921	291.059	282.845
57.0	356.250	331.756	302.892	285.671	277.644
57.5	349.317	325.200	297.051	279.981	272.256
58.0	342.421	318.756	291.097	274.178	266.717
58.5	335.751	312.312	285.030	268.488	261.328
59.0	328.930	306.057	279.001	262.986	256.278
59.5	322.223	299.802	273.123	257.597	251.078
60.0	315.478	293.622	267.470	252.360	245.727
60.5	308.921	287.442	261.893	247.084	240.490
61.0	302.402	281.224	256.241	241.695	235.440
61.5	295.845	275.007	250.362	236.269	230.240
62.0	289.288	268.977	244.635	230.918	225.040
62.5	282.769	263.024	239.208	225.756	219.990
63.0	276.213	256.957	234.008	220.706	215.054
63.5	269.618	250.928	228.808	215.958	210.117
64.0	263.061	244.861	223.457	211.210	205.181
64.5	256.505	238.831	217.918	206.085	200.358
65.0	249.910	232.878	212.491	200.735	195.610
65.5	243.353	226.886	207.367	195.911	190.937
66.0	236.834	220.895	202.355	191.578	186.453
66.5	230.278	214.941	197.268	187.131	181.893
67.0	223.759	209.062	191.955	182.308	177.221
67.5	217.277	203.222	186.604	177.108	172.473
68.0	210.796	197.305	181.253	171.757	167.612
68.5	204.390	191.427	175.939	166.783	162.788
69.0	198.059	185.548	170.890	162.148	158.116
69.5	191.728	179.821	165.916	157.550	153.405
70.0	185.435	174.093	160.640	152.501	148.431
70.5	179.256	168.328	155.252	147.075	143.495
71.0	173.038	162.562	149.939	141.875	138.634
71.5	166.933	156.872	144.738	137.202	133.924
72.0	160.866	151.370	139.764	132.868	129.364
72.5	154.875	145.944	134.979	128.384	124.993
73.0	148.996	140.556	130.118	123.599	120.546
73.5	143.156	135.129	125.106	118.813	115.949
74.0	137.428	129.778	120.094	114.216	111.578
74.5	131.776	124.541	115.346	109.882	107.470
75.0	126.236	119.453	110.786	105.624	103.250
75.5	120.772	114.404	106.302	101.328	98.916
76.0	115.384	109.392	101.705	97.070	94.809
76.5	110.070	104.343	97.145	92.699	90.777
77.0	104.795	99.406	92.548	88.403	86.594
77.5	99.632	94.545	88.177	84.183	82.336
78.0	94.470	89.722	83.919	80.075	78.304
78.5	89.383	84.974	79.661	76.006	74.461
79.0	84.446	80.339	75.403	72.011	70.655
79.5	79.548	75.779	71.220	68.092	66.886
80.0	74.762	71.295	67.150	64.173	63.080
80.5	70.014	66.886	63.118	60.292	59.199
81.0	65.417	62.553	59.048	56.486	55.393
81.5	60.933	58.332	55.129	52.793	51.776
82.0	56.524	54.263	51.399	49.251	48.309
82.5	52.228	50.268	47.706	45.822	44.955

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CANDELA TABULATION - (Cont.)

83.0	48.007	46.312	44.088	42.355	41.677
83.5	43.862	42.393	40.433	38.926	38.398
84.0	39.830	38.625	36.778	35.535	35.045
84.5	35.911	34.932	33.236	32.219	31.804
85.0	32.068	31.314	29.920	29.016	28.827
85.5	28.300	27.734	26.679	26.001	26.039
86.0	24.644	24.192	23.514	23.212	23.212
86.5	21.102	20.801	20.349	20.273	20.349
87.0	17.635	17.522	17.259	17.259	17.372
87.5	14.319	14.206	14.244	14.432	14.508
88.0	11.116	11.192	11.531	11.795	11.908
88.5	8.139	8.403	9.044	9.119	9.195
89.0	5.502	5.916	6.293	5.690	5.652
89.5	3.806	3.919	2.939	2.789	3.090
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-L10-840-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	325.42	N.A.	15.70
0-30	666.23	N.A.	32.10
0-40	1045.67	N.A.	50.40
0-60	1704.93	N.A.	82.20
0-80	2040.14	N.A.	98.30
0-90	2074.48	N.A.	100.00
10-90	1988.25	N.A.	95.80
20-40	720.24	N.A.	34.70
20-50	1080.3	N.A.	52.10
40-70	874.68	N.A.	42.20
60-80	335.21	N.A.	16.20
70-80	119.80	N.A.	5.80
80-90	34.34	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	2074.48	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	86.22
10-20	239.20
20-30	340.81
30-40	379.43
40-50	360.06
50-60	299.21
60-70	215.41
70-80	119.80
80-90	34.34
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-L10-840-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

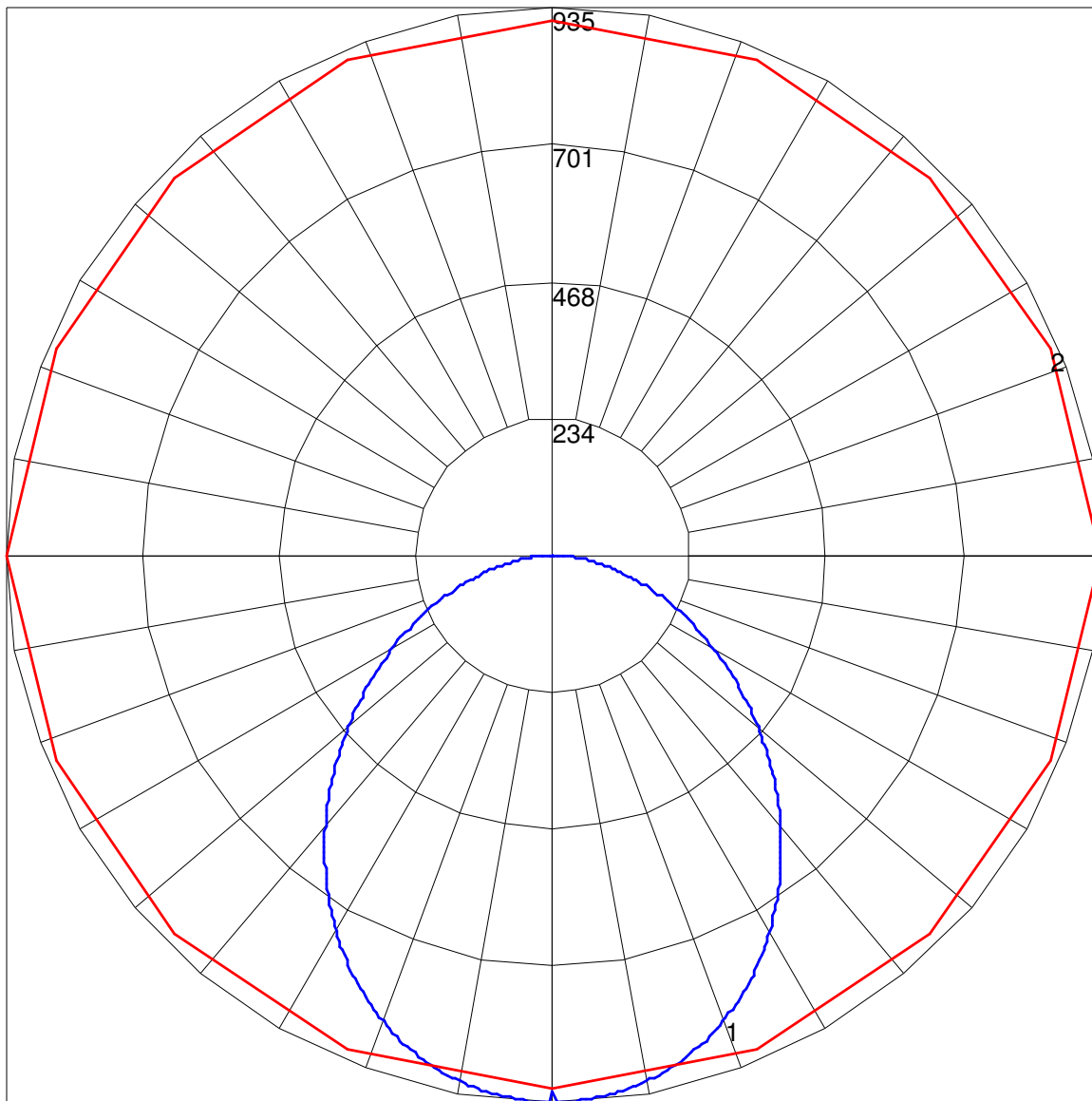
IES INDOOR REPORT
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UGR TABLE - CORRECTED

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	22.4	24.0	22.8	24.3	24.6	21.3	22.8	21.6	23.1	23.5
	3H	24.1	25.6	24.5	25.9	26.3	22.9	24.4	23.3	24.7	25.0
	4H	24.8	26.1	25.2	26.4	26.8	23.5	24.9	23.9	25.2	25.6
	6H	25.2	26.4	25.6	26.8	27.2	24.0	25.2	24.4	25.6	26.0
	8H	25.4	26.5	25.8	26.9	27.3	24.2	25.3	24.6	25.7	26.1
	12H	25.4	26.6	25.9	27.0	27.4	24.3	25.4	24.7	25.8	26.2
4H	2H	22.9	24.2	23.3	24.6	24.9	21.9	23.3	22.3	23.6	24.0
	3H	24.8	25.9	25.2	26.3	26.7	23.8	24.9	24.2	25.3	25.7
	4H	25.6	26.6	26.0	27.0	27.4	24.6	25.6	25.0	26.0	26.4
	6H	26.2	27.0	26.6	27.5	27.9	25.1	26.0	25.6	26.5	26.9
	8H	26.4	27.2	26.8	27.6	28.1	25.3	26.1	25.8	26.6	27.1
	12H	26.5	27.2	27.0	27.7	28.2	25.5	26.2	26.0	26.7	27.2
8H	4H	25.8	26.6	26.3	27.0	27.5	24.9	25.7	25.4	26.1	26.6
	6H	26.5	27.2	27.0	27.7	28.1	25.6	26.3	26.1	26.8	27.2
	8H	26.7	27.4	27.2	27.9	28.4	25.8	26.5	26.4	27.0	27.5
	12H	27.0	27.5	27.5	28.0	28.6	26.1	26.6	26.6	27.1	27.7
12H	4H	25.8	26.5	26.3	27.0	27.5	24.9	25.7	25.4	26.1	26.6
	6H	26.5	27.1	27.0	27.6	28.1	25.7	26.3	26.2	26.7	27.3
	8H	26.8	27.4	27.3	27.9	28.4	26.0	26.5	26.5	27.0	27.6

Maximum UGR = 28.6

POLAR GRAPH



Maximum Candela = 935.279 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.)