



IES INDOOR REPORT
PHOTOMETRIC FILENAME : MX2RX-4-00-P8-940-F-POE PR_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 13012869.02
[TESTLAB] UL Verification Services Inc.
[ISSUEDATE] 08/01/2022
[MANUFAC] WILLIAMS INDOOR
[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.
[LUMCAT] MX2R-4-00-P8-940-F-POE PR
[LUMINAIRE] TWO INCH WIDE, LINEAR RECESSED LED
[LAMP] LED
[LAMPCAT] HLMX 90 CRI 4000K CCT

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2975
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	118
Total Luminaire Watts	25.2
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.10
Spacing Criterion (Diagonal)	1.24
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 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	16273	15100	14034
55	14559	13383	12297
65	12838	11748	10808
75	10654	9964	9292
85	7845	8442	8425

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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	1288.058	1288.058	1288.058	1288.058	1288.058
0.5	1286.211	1296.368	1286.211	1285.288	1283.441
1.0	1286.211	1296.368	1285.288	1285.288	1283.441
1.5	1286.211	1295.445	1285.288	1285.288	1282.518
2.0	1286.211	1295.445	1284.365	1284.365	1283.441
2.5	1285.288	1294.521	1283.441	1284.365	1282.518
3.0	1283.441	1293.598	1282.518	1283.441	1281.595
3.5	1283.441	1292.675	1281.595	1283.441	1280.671
4.0	1281.595	1291.751	1279.748	1281.595	1278.825
4.5	1280.671	1289.905	1278.825	1280.671	1276.978
5.0	1279.748	1288.058	1276.978	1278.825	1276.055
5.5	1277.901	1287.135	1275.131	1276.978	1274.208
6.0	1276.055	1285.288	1273.284	1275.131	1271.438
6.5	1274.208	1283.441	1271.438	1272.361	1269.591
7.0	1272.361	1280.671	1269.591	1270.514	1267.744
7.5	1269.591	1278.825	1266.821	1266.821	1264.974
8.0	1267.744	1276.055	1264.974	1264.051	1262.204
8.5	1264.974	1274.208	1262.204	1260.358	1258.511
9.0	1263.128	1271.438	1259.434	1257.588	1254.818
9.5	1260.358	1268.668	1256.664	1252.971	1251.124
10.0	1257.588	1264.974	1252.971	1249.278	1246.508
10.5	1254.818	1262.204	1250.201	1245.584	1241.891
11.0	1251.124	1259.434	1246.508	1240.968	1237.274
11.5	1247.431	1255.741	1242.814	1237.274	1231.734
12.0	1244.661	1252.048	1239.121	1231.734	1227.118
12.5	1240.968	1248.354	1234.504	1227.118	1220.654
13.0	1236.351	1244.661	1229.888	1221.578	1215.114
13.5	1233.581	1240.968	1224.348	1216.037	1209.574
14.0	1228.964	1236.351	1220.654	1210.497	1204.034
14.5	1224.348	1232.658	1215.114	1204.957	1197.571
15.0	1220.654	1227.118	1209.574	1198.494	1192.031
15.5	1216.037	1222.501	1204.034	1192.954	1185.567
16.0	1212.344	1217.884	1198.494	1186.491	1178.181
16.5	1207.727	1213.267	1192.954	1180.027	1171.717
17.0	1204.034	1208.651	1186.491	1173.564	1165.254
17.5	1198.494	1204.034	1180.027	1166.177	1157.867
18.0	1192.031	1199.417	1173.564	1158.790	1150.480
18.5	1186.491	1192.954	1167.101	1152.327	1143.094
19.0	1180.951	1187.414	1160.637	1144.940	1135.707
19.5	1174.487	1180.951	1153.250	1137.554	1127.397
20.0	1168.947	1174.487	1145.864	1129.244	1120.010
20.5	1162.484	1168.024	1139.400	1121.857	1111.700
21.0	1156.944	1161.560	1132.014	1113.547	1103.390
21.5	1151.404	1154.174	1124.627	1105.237	1095.080
22.0	1144.017	1147.710	1118.164	1096.003	1085.847
22.5	1137.554	1141.247	1109.853	1087.693	1076.613
23.0	1131.090	1133.860	1102.467	1078.460	1067.380
23.5	1124.627	1126.474	1095.080	1069.227	1057.223
24.0	1117.240	1120.010	1086.770	1059.993	1047.990
24.5	1109.853	1112.624	1078.460	1050.760	1038.756
25.0	1102.467	1105.237	1070.150	1041.526	1029.523
25.5	1095.080	1096.927	1060.917	1032.293	1020.290
26.0	1086.770	1089.540	1051.683	1023.060	1010.133
26.5	1079.383	1081.230	1043.373	1012.903	1000.899

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CANDELA TABULATION - (Cont.)

27.0	1071.073	1072.920	1034.140	1003.670	990.743
27.5	1062.763	1064.610	1024.906	994.436	981.509
28.0	1053.530	1056.300	1016.596	985.203	972.276
28.5	1045.220	1047.066	1006.440	975.046	962.119
29.0	1035.986	1037.833	997.206	965.813	952.886
29.5	1027.676	1029.523	987.973	956.579	942.729
30.0	1018.443	1020.290	977.816	946.422	933.496
30.5	1009.210	1011.056	968.583	937.189	922.970
31.0	999.976	1000.899	958.426	927.032	913.090
31.5	990.743	990.743	948.269	916.876	902.933
32.0	980.586	980.586	937.189	906.442	893.053
32.5	971.353	971.353	927.032	895.547	882.343
33.0	962.119	960.273	916.968	884.836	871.632
33.5	951.963	950.116	906.350	873.848	861.291
34.0	942.729	939.959	895.639	862.953	850.765
34.5	933.496	929.802	885.205	852.057	839.592
35.0	923.339	919.184	874.402	840.793	828.420
35.5	913.736	908.658	863.599	829.805	816.878
36.0	903.857	897.855	853.073	818.632	805.059
36.5	893.700	887.513	842.178	807.183	793.148
37.0	883.912	876.618	831.467	796.103	780.960
37.5	873.386	866.092	820.479	784.561	768.772
38.0	862.768	855.566	809.491	773.204	756.676
38.5	852.427	844.948	798.596	761.939	744.858
39.0	841.993	834.237	787.424	750.305	732.762
39.5	831.005	823.988	776.343	739.133	721.312
40.0	820.110	813.277	765.448	727.591	712.079
40.5	809.861	802.566	754.553	717.250	701.276
41.0	798.688	792.040	743.934	707.185	690.750
41.5	788.070	781.422	732.947	696.290	680.409
42.0	777.451	770.896	721.866	685.856	670.436
42.5	766.741	759.908	712.356	675.607	660.926
43.0	756.492	749.659	703.215	665.635	651.693
43.5	746.335	739.041	692.966	656.586	644.121
44.0	735.809	728.514	682.809	647.999	634.888
44.5	725.006	717.988	673.022	639.228	625.655
45.0	714.757	707.647	663.234	629.902	616.421
45.5	704.415	699.060	654.740	620.668	607.280
46.0	694.443	688.626	646.153	611.527	598.047
46.5	684.748	678.193	636.550	602.294	588.906
47.0	677.916	668.959	626.947	593.153	579.765
47.5	667.759	658.802	617.344	583.920	570.531
48.0	657.602	649.477	607.649	574.779	561.482
48.5	647.445	639.320	598.047	565.453	552.341
49.0	637.473	629.163	588.352	556.312	543.385
49.5	627.501	619.099	578.749	547.171	534.429
50.0	617.621	609.034	569.146	538.122	525.565
50.5	607.649	598.970	559.543	529.166	516.793
51.0	597.677	588.998	550.033	520.209	507.929
51.5	587.705	578.934	540.523	511.160	499.249
52.0	577.733	568.961	531.197	502.204	490.478
52.5	567.761	559.174	521.964	493.340	481.706
53.0	557.697	549.479	512.822	484.476	473.027
53.5	547.909	539.784	503.774	475.612	464.255
54.0	538.122	530.089	494.725	466.840	455.483
54.5	528.427	520.486	485.769	458.068	446.619

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CANDELA TABULATION - (Cont.)

55.0	518.732	510.976	476.812	449.481	438.124
55.5	509.129	501.465	467.764	440.894	429.445
56.0	499.526	492.140	458.807	432.307	421.135
56.5	490.108	482.814	449.851	423.813	412.733
57.0	480.690	473.488	440.987	415.410	404.515
57.5	471.457	464.255	432.030	407.100	396.389
58.0	462.131	455.021	423.166	398.882	388.356
58.5	453.082	445.788	414.395	390.665	380.323
59.0	443.941	436.647	405.807	382.632	372.383
59.5	434.800	427.691	397.313	374.599	364.442
60.0	425.659	418.734	389.003	366.658	356.686
60.5	416.611	409.778	380.600	358.810	349.022
61.0	407.654	400.821	372.290	351.053	341.451
61.5	398.698	391.957	363.980	343.297	334.064
62.0	389.741	383.186	355.947	335.726	326.677
62.5	380.877	374.322	347.914	328.247	319.383
63.0	371.921	365.642	339.881	320.768	312.181
63.5	363.057	356.963	332.033	313.381	305.071
64.0	354.285	348.283	324.092	305.902	297.961
64.5	345.606	339.696	316.244	298.516	290.852
65.0	337.019	331.109	308.395	291.129	283.742
65.5	328.432	322.615	300.547	283.742	276.540
66.0	319.752	314.212	292.698	276.448	268.507
66.5	311.258	305.718	284.942	269.061	261.397
67.0	302.671	297.315	277.186	261.674	254.288
67.5	294.176	288.913	269.430	254.380	247.270
68.0	285.681	280.510	261.674	247.086	240.345
68.5	277.279	272.200	253.826	239.976	233.328
69.0	268.876	263.798	246.162	232.774	226.495
69.5	260.382	255.488	238.498	225.756	219.662
70.0	251.979	247.270	231.019	218.739	212.922
70.5	243.669	239.145	223.540	211.906	206.274
71.0	235.267	230.835	216.338	205.074	199.718
71.5	227.049	222.802	209.044	198.333	193.163
72.0	218.924	214.769	201.842	191.685	186.791
72.5	210.798	206.920	194.732	185.129	180.328
73.0	202.858	199.164	187.715	178.574	174.049
73.5	194.732	191.408	180.697	172.203	167.771
74.0	186.791	183.837	173.772	165.739	161.584
74.5	179.035	176.265	166.940	159.461	155.490
75.0	171.279	168.971	160.199	153.182	149.396
75.5	163.616	161.584	153.551	146.996	143.395
76.0	156.137	154.290	146.996	140.902	137.670
76.5	148.750	147.088	140.532	134.900	131.853
77.0	141.456	140.071	134.069	128.990	126.036
77.5	134.253	133.145	127.790	123.173	120.496
78.0	127.144	126.313	121.511	117.449	115.048
78.5	120.219	119.572	115.510	111.816	109.600
79.0	113.386	113.017	109.600	106.276	104.245
79.5	106.738	106.553	103.691	100.829	98.982
80.0	100.182	100.182	97.966	95.473	93.719
80.5	93.811	93.996	92.334	90.210	88.641
81.0	87.440	87.902	86.794	84.947	83.562
81.5	81.346	81.900	81.346	79.776	78.576
82.0	75.344	76.083	75.991	74.698	73.682
82.5	69.435	70.358	70.635	69.712	68.789

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CANDELA TABULATION - (Cont.)

83.0	63.803	64.726	65.372	64.818	64.080
83.5	58.263	59.371	60.294	60.017	59.371
84.0	52.815	54.015	55.308	55.216	54.754
84.5	47.552	48.937	50.414	50.599	50.137
85.0	42.474	43.951	45.705	46.075	45.613
85.5	37.580	39.242	41.089	41.550	41.181
86.0	32.779	34.533	36.472	37.211	36.934
86.5	28.254	30.009	32.040	32.871	32.594
87.0	23.822	25.576	27.608	28.624	28.439
87.5	19.575	21.329	23.360	24.561	24.468
88.0	15.420	17.174	19.298	20.683	20.775
88.5	11.265	13.111	15.420	16.989	17.174
89.0	7.110	9.141	11.542	13.296	13.296
89.5	3.139	5.632	7.941	9.510	9.603
90.0	0.554	2.770	5.263	7.017	7.571
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MX2RX-4-00-P8-940-F-POE PR_.IES

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 : MX2RX-4-00-P8-940-F-POE PR_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	462.17	N.A.	15.50
0-30	954.29	N.A.	32.10
0-40	1502.05	N.A.	50.50
0-60	2446.00	N.A.	82.20
0-80	2924.26	N.A.	98.30
0-90	2975.32	N.A.	100.00
10-90	2853.89	N.A.	95.90
20-40	1039.88	N.A.	34.90
20-50	1555.01	N.A.	52.30
40-70	1251.28	N.A.	42.10
60-80	478.27	N.A.	16.10
70-80	170.94	N.A.	5.70
80-90	51.06	N.A.	1.70
90-110	0.13	N.A.	0.00
90-120	0.13	N.A.	0.00
90-130	0.13	N.A.	0.00
90-150	0.13	N.A.	0.00
90-180	0.13	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	2975.45	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	121.43
10-20	340.74
20-30	492.13
30-40	547.76
40-50	515.13
50-60	428.82
60-70	307.33
70-80	170.94
80-90	51.06
90-100	0.13
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 : MX2RX-4-00-P8-940-F-POE PR_.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	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	43	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	49	41	36	61	49	41	35	47	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 : MX2RX-4-00-P8-940-F-POE PR_.IES

UGR TABLE - CORRECTED

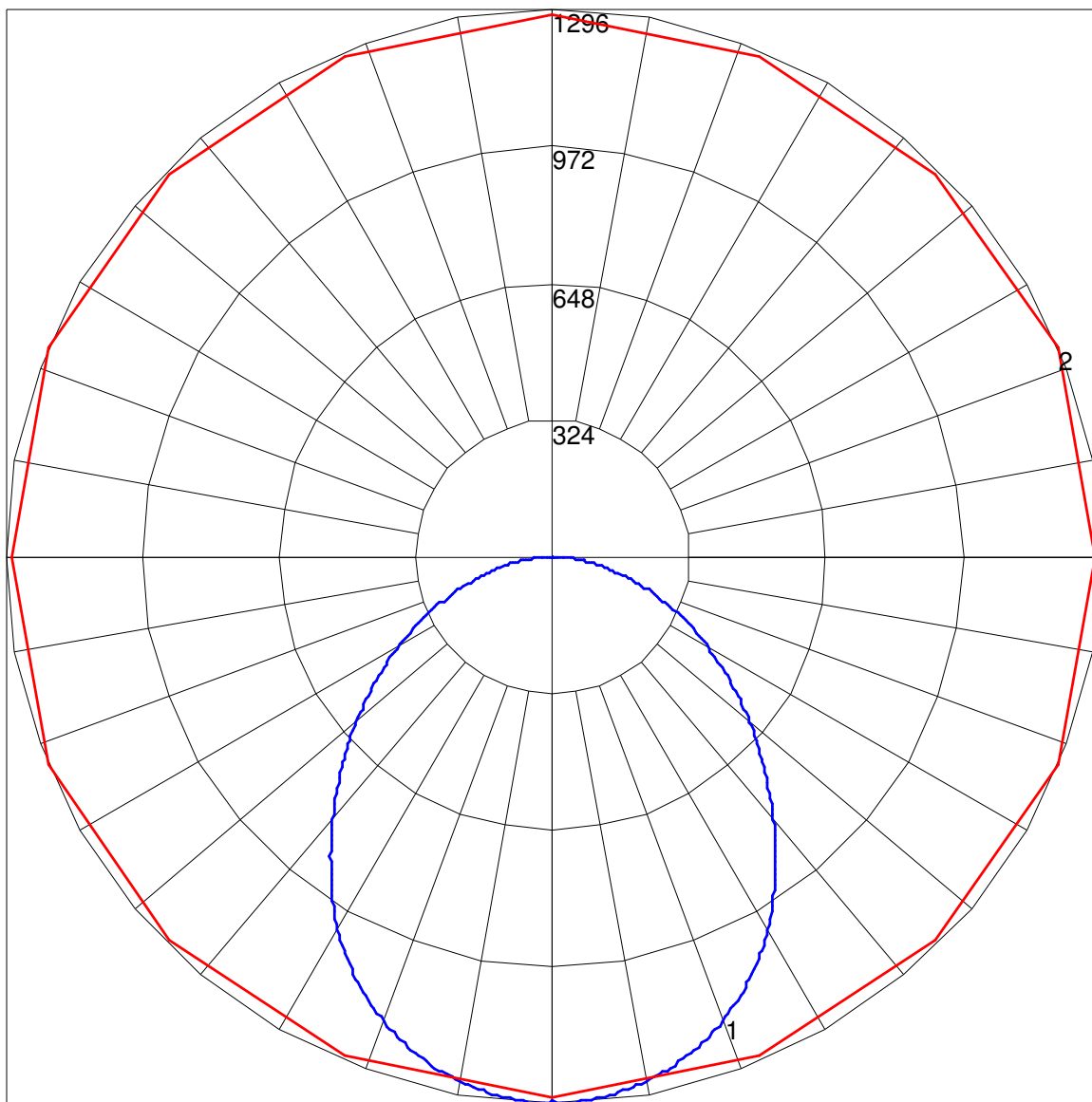
Reflectances

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	21.2	22.8	21.6	23.1	23.4	20.3	21.8	20.6	22.1	22.5
	3H	22.9	24.3	23.3	24.6	25.0	21.9	23.3	22.3	23.6	24.0
	4H	23.5	24.8	23.9	25.2	25.5	22.5	23.8	22.9	24.2	24.6
	6H	23.9	25.1	24.3	25.5	25.9	23.0	24.2	23.4	24.6	25.0
	8H	24.0	25.2	24.5	25.6	26.0	23.2	24.3	23.6	24.7	25.1
	12H	24.1	25.2	24.5	25.6	26.1	23.3	24.4	23.7	24.8	25.2
4H	2H	21.7	23.0	22.1	23.4	23.7	20.9	22.3	21.3	22.6	23.0
	3H	23.6	24.7	24.0	25.1	25.5	22.8	23.9	23.2	24.3	24.7
	4H	24.3	25.3	24.8	25.7	26.2	23.5	24.5	23.9	24.9	25.4
	6H	24.9	25.8	25.3	26.2	26.7	24.1	25.0	24.6	25.4	25.9
	8H	25.1	25.9	25.5	26.3	26.8	24.3	25.1	24.8	25.6	26.1
	12H	25.2	25.9	25.7	26.4	26.9	24.5	25.2	25.0	25.7	26.2
8H	4H	24.6	25.4	25.0	25.8	26.3	23.8	24.7	24.3	25.1	25.6
	6H	25.2	25.9	25.7	26.4	26.9	24.6	25.2	25.1	25.7	26.2
	8H	25.5	26.1	26.0	26.6	27.1	24.8	25.5	25.4	26.0	26.5
	12H	25.7	26.2	26.2	26.7	27.3	25.1	25.7	25.6	26.2	26.7
12H	4H	24.6	25.3	25.1	25.8	26.3	23.9	24.6	24.4	25.1	25.6
	6H	25.3	25.9	25.8	26.4	26.9	24.6	25.3	25.2	25.7	26.3
	8H	25.6	26.1	26.1	26.6	27.2	25.0	25.5	25.5	26.0	26.6

Maximum UGR = 27.3

POLAR GRAPH



Maximum Candela = 1296.368 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.)