



IES INDOOR REPORT
PHOTOMETRIC FILENAME : MX2RX-8-00-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.
[ISSUE DATE] 27 JUNE 2022
[MANUFAC] WILLIAMS INDOOR
[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO
[LUMCAT] MX2Rxx-8-00-P8-940-F-POE PR
[LUMINAIRE] 2 INCH WIDE LINEAR RECESSED LED
[LAMP] LED
[LAMPCAT] HLM 90 CRI 4000K CCT

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5952
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	118
Total Luminaire Watts	50.4
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)	8.00 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	16275	15102	14036
55	14562	13385	12299
65	12840	11749	10810
75	10655	9966	9294
85	7847	8444	8427

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MX2RX-8-00-P8-940-F-POE PR_.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	2576.550	2576.550	2576.550	2576.550	2576.550
0.5	2572.856	2593.173	2572.856	2571.009	2567.315
1.0	2572.856	2593.173	2571.009	2571.009	2567.315
1.5	2572.856	2591.326	2571.009	2571.009	2565.468
2.0	2572.856	2591.326	2569.162	2569.162	2567.315
2.5	2571.009	2589.479	2567.315	2569.162	2565.468
3.0	2567.315	2587.632	2565.468	2567.315	2563.621
3.5	2567.315	2585.785	2563.621	2567.315	2561.774
4.0	2563.621	2583.938	2559.927	2563.621	2558.080
4.5	2561.774	2580.244	2558.080	2561.774	2554.386
5.0	2559.927	2576.550	2554.386	2558.080	2552.539
5.5	2556.233	2574.703	2550.692	2554.386	2548.845
6.0	2552.539	2571.009	2546.998	2550.692	2543.304
6.5	2548.845	2567.315	2543.304	2545.151	2539.610
7.0	2545.151	2561.774	2539.610	2541.457	2535.916
7.5	2539.610	2558.080	2534.069	2534.069	2530.375
8.0	2535.916	2552.539	2530.375	2528.528	2524.834
8.5	2530.375	2548.845	2524.834	2521.140	2517.446
9.0	2526.681	2543.304	2519.293	2515.599	2510.058
9.5	2521.140	2537.763	2513.752	2506.364	2502.670
10.0	2515.599	2530.375	2506.364	2498.976	2493.435
10.5	2510.058	2524.834	2500.823	2491.588	2484.200
11.0	2502.670	2519.293	2493.435	2482.353	2474.965
11.5	2495.282	2511.905	2486.047	2474.965	2463.883
12.0	2489.741	2504.517	2478.659	2463.883	2454.648
12.5	2482.353	2497.129	2469.424	2454.648	2441.720
13.0	2473.118	2489.741	2460.189	2443.566	2430.638
13.5	2467.577	2482.353	2449.107	2432.485	2419.556
14.0	2458.342	2473.118	2441.720	2421.403	2408.474
14.5	2449.107	2465.730	2430.638	2410.321	2395.545
15.0	2441.720	2454.648	2419.556	2397.392	2384.463
15.5	2432.485	2445.413	2408.474	2386.310	2371.534
16.0	2425.097	2436.179	2397.392	2373.381	2356.758
16.5	2415.862	2426.944	2386.310	2360.452	2343.829
17.0	2408.474	2417.709	2373.381	2347.523	2330.900
17.5	2397.392	2408.474	2360.452	2332.747	2316.124
18.0	2384.463	2399.239	2347.523	2317.971	2301.348
18.5	2373.381	2386.310	2334.594	2305.042	2286.572
19.0	2362.299	2375.228	2321.665	2290.266	2271.797
19.5	2349.370	2362.299	2306.889	2275.490	2255.174
20.0	2338.288	2349.370	2292.113	2258.868	2240.398
20.5	2325.359	2336.441	2279.184	2244.092	2223.775
21.0	2314.277	2323.512	2264.409	2227.469	2207.152
21.5	2303.195	2308.736	2249.633	2210.846	2190.529
22.0	2288.419	2295.807	2236.704	2192.376	2172.059
22.5	2275.490	2282.878	2220.081	2175.753	2153.589
23.0	2262.562	2268.103	2205.305	2157.283	2135.119
23.5	2249.633	2253.327	2190.529	2138.813	2114.802
24.0	2234.857	2240.398	2173.906	2120.343	2096.333
24.5	2220.081	2225.622	2157.283	2101.874	2077.863
25.0	2205.305	2210.846	2140.660	2083.404	2059.393
25.5	2190.529	2194.223	2122.190	2064.934	2040.923
26.0	2173.906	2179.447	2103.721	2046.464	2020.606
26.5	2159.130	2162.824	2087.098	2026.147	2002.136

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MX2RX-8-00-P8-940-F-POE PR_.IES

CANDELA TABULATION - (Cont.)

27.0	2142.507	2146.201	2068.628	2007.677	1981.819
27.5	2125.884	2129.578	2050.158	1989.207	1963.349
28.0	2107.414	2112.955	2033.535	1970.737	1944.879
28.5	2090.792	2094.486	2013.218	1950.420	1924.563
29.0	2072.322	2076.016	1994.748	1931.951	1906.093
29.5	2055.699	2059.393	1976.278	1913.481	1885.776
30.0	2037.229	2040.923	1955.961	1893.164	1867.306
30.5	2018.759	2022.453	1937.491	1874.694	1846.250
31.0	2000.289	2002.136	1917.175	1854.377	1826.487
31.5	1981.819	1981.819	1896.858	1834.060	1806.171
32.0	1961.502	1961.502	1874.694	1813.189	1786.408
32.5	1943.032	1943.032	1854.377	1791.395	1764.983
33.0	1924.563	1920.869	1834.245	1769.970	1743.558
33.5	1904.246	1900.552	1813.004	1747.990	1722.871
34.0	1885.776	1880.235	1791.579	1726.196	1701.816
34.5	1867.306	1859.918	1770.708	1704.401	1679.467
35.0	1846.989	1838.678	1749.099	1681.868	1657.119
35.5	1827.780	1817.622	1727.489	1659.889	1634.031
36.0	1808.018	1796.012	1706.433	1637.540	1610.390
36.5	1787.701	1775.326	1684.639	1614.638	1586.564
37.0	1768.123	1753.531	1663.214	1592.474	1562.183
37.5	1747.067	1732.476	1641.234	1569.387	1537.803
38.0	1725.827	1711.420	1619.255	1546.669	1513.608
38.5	1705.140	1690.180	1597.461	1524.135	1489.966
39.0	1684.269	1668.755	1575.112	1500.863	1465.770
39.5	1662.290	1648.253	1552.948	1478.515	1442.868
40.0	1640.496	1626.828	1531.154	1455.427	1424.398
40.5	1619.994	1605.403	1509.359	1434.741	1402.788
41.0	1597.646	1584.347	1488.119	1414.609	1381.732
41.5	1576.405	1563.107	1466.140	1392.814	1361.046
42.0	1555.165	1542.051	1443.976	1371.943	1341.099
42.5	1533.740	1520.072	1424.952	1351.442	1322.075
43.0	1513.238	1499.570	1406.667	1331.494	1303.605
43.5	1492.921	1478.330	1386.165	1313.394	1288.460
44.0	1471.866	1457.274	1365.848	1296.217	1269.990
44.5	1450.256	1436.219	1346.270	1278.671	1251.520
45.0	1429.754	1415.532	1326.692	1260.016	1233.050
45.5	1409.068	1398.355	1309.700	1241.546	1214.765
46.0	1389.120	1377.484	1292.523	1223.261	1196.295
46.5	1369.727	1356.613	1273.314	1204.791	1178.010
47.0	1356.059	1338.144	1254.106	1186.506	1159.724
47.5	1335.742	1317.827	1234.897	1168.036	1141.255
48.0	1315.426	1299.172	1215.503	1149.751	1123.154
48.5	1295.109	1278.855	1196.295	1131.096	1104.869
49.0	1275.161	1258.538	1176.901	1112.811	1086.953
49.5	1255.214	1238.406	1157.693	1094.526	1069.037
50.0	1235.451	1218.274	1138.484	1076.425	1051.306
50.5	1215.503	1198.142	1119.275	1058.509	1033.760
51.0	1195.556	1178.194	1100.251	1040.594	1016.029
51.5	1175.609	1158.062	1081.227	1022.493	998.667
52.0	1155.661	1138.115	1062.573	1004.577	981.121
52.5	1135.714	1118.537	1044.103	986.846	963.574
53.0	1115.581	1099.143	1025.818	969.115	946.212
53.5	1096.003	1079.750	1007.717	951.384	928.666
54.0	1076.425	1060.356	989.617	933.838	911.120
54.5	1057.032	1041.148	971.701	916.291	893.389

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MX2RX-8-00-P8-940-F-POE PR_.IES

CANDELA TABULATION - (Cont.)

55.0	1037.638	1022.124	953.785	899.114	876.396
55.5	1018.430	1003.100	935.685	881.937	859.035
56.0	999.221	984.445	917.769	864.760	842.412
56.5	980.382	965.791	899.853	847.768	825.604
57.0	961.542	947.136	882.122	830.960	809.166
57.5	943.073	928.666	864.206	814.337	792.912
58.0	924.418	910.196	846.475	797.899	776.844
58.5	906.318	891.726	828.929	781.461	760.775
59.0	888.032	873.441	811.752	765.392	744.891
59.5	869.747	855.525	794.759	749.323	729.007
60.0	851.462	837.610	778.136	733.439	713.492
60.5	833.361	819.694	761.329	717.740	698.162
61.0	815.446	801.778	744.706	702.225	683.017
61.5	797.530	784.047	728.083	686.711	668.241
62.0	779.614	766.500	712.014	671.565	653.465
62.5	761.883	748.769	695.945	656.605	638.874
63.0	743.967	731.408	679.877	641.644	624.467
63.5	726.236	714.046	664.177	626.868	610.245
64.0	708.690	696.684	648.293	611.907	596.023
64.5	691.328	679.507	632.594	597.132	581.802
65.0	674.151	662.330	616.894	582.356	567.580
65.5	656.974	645.338	601.195	567.580	553.173
66.0	639.612	628.530	585.496	552.989	537.104
66.5	622.620	611.538	569.981	538.213	522.883
67.0	605.443	594.730	554.466	523.437	508.661
67.5	588.451	577.923	538.951	508.845	494.624
68.0	571.458	561.115	523.437	494.254	480.771
68.5	554.651	544.492	507.737	480.032	466.734
69.0	537.843	527.685	492.407	465.626	453.066
69.5	520.851	511.062	477.077	451.589	439.399
70.0	504.043	494.624	462.117	437.552	425.916
70.5	487.420	478.370	447.156	423.884	412.617
71.0	470.613	461.747	432.750	410.216	399.504
71.5	454.175	445.678	418.158	396.733	386.390
72.0	437.921	429.610	403.752	383.435	373.646
72.5	421.668	413.910	389.530	370.321	360.717
73.0	405.783	398.396	375.493	357.208	348.157
73.5	389.530	382.881	361.456	344.463	335.598
74.0	373.646	367.736	347.603	331.535	323.223
74.5	358.131	352.590	333.936	318.975	311.033
75.0	342.616	337.999	320.453	306.415	298.843
75.5	327.286	323.223	307.154	294.041	286.837
76.0	312.326	308.632	294.041	281.851	275.386
76.5	297.550	294.225	281.112	269.845	263.750
77.0	282.959	280.188	268.183	258.024	252.114
77.5	268.552	266.336	255.623	246.388	241.032
78.0	254.330	252.668	243.064	234.937	230.135
78.5	240.478	239.185	231.058	223.670	219.238
79.0	226.810	226.071	219.238	212.588	208.525
79.5	213.512	213.143	207.417	201.691	197.997
80.0	200.398	200.398	195.966	190.979	187.469
80.5	187.654	188.023	184.699	180.451	177.311
81.0	174.910	175.833	173.617	169.923	167.153
81.5	162.720	163.828	162.720	159.580	157.179
82.0	150.714	152.192	152.007	149.421	147.390
82.5	138.894	140.741	141.295	139.448	137.601

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MX2RX-8-00-P8-940-F-POE PR_.IES

CANDELA TABULATION - (Cont.)

83.0	127.627	129.474	130.767	129.659	128.181
83.5	116.545	118.761	120.608	120.054	118.761
84.0	105.648	108.049	110.635	110.450	109.526
84.5	95.120	97.890	100.846	101.215	100.292
85.0	84.961	87.917	91.426	92.165	91.241
85.5	75.172	78.497	82.191	83.115	82.376
86.0	65.568	69.077	72.956	74.434	73.880
86.5	56.518	60.027	64.091	65.753	65.199
87.0	47.652	51.162	55.225	57.257	56.887
87.5	39.156	42.665	46.729	49.130	48.945
88.0	30.845	34.354	38.602	41.373	41.557
88.5	22.533	26.227	30.845	33.985	34.354
89.0	14.222	18.285	23.087	26.597	26.597
89.5	6.280	11.267	15.884	19.024	19.209
90.0	1.108	5.541	10.528	14.037	15.145
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MX2RX-8-00-P8-940-F-POE PR_.IES

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-8-00-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
PHOTOMETRIC FILENAME : MX2RX-8-00-P8-940-F-POE PR_.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 : MX2RX-8-00-P8-940-F-POE PR_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	924.49	N.A.	15.50
0-30	1908.91	N.A.	32.10
0-40	3004.6	N.A.	50.50
0-60	4892.82	N.A.	82.20
0-80	5849.51	N.A.	98.30
0-90	5951.65	N.A.	100.00
10-90	5708.75	N.A.	95.90
20-40	2080.12	N.A.	34.90
20-50	3110.55	N.A.	52.30
40-70	2502.98	N.A.	42.10
60-80	956.69	N.A.	16.10
70-80	341.93	N.A.	5.70
80-90	102.14	N.A.	1.70
90-110	0.26	N.A.	0.00
90-120	0.26	N.A.	0.00
90-130	0.26	N.A.	0.00
90-150	0.26	N.A.	0.00
90-180	0.26	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	5951.91	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	242.90
10-20	681.59
20-30	984.42
30-40	1095.69
40-50	1030.44
50-60	857.78
60-70	614.76
70-80	341.93
80-90	102.14
90-100	0.26
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-8-00-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	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	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-8-00-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

X=2H	Y=2H	21.2	22.8	21.6	23.1	23.4	20.2	21.8	20.6	22.1	22.4
	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	23.1	24.3	23.6	24.7	25.1
	12H	24.1	25.2	24.5	25.6	26.0	23.3	24.4	23.7	24.8	25.2

UGR Viewed Endwise

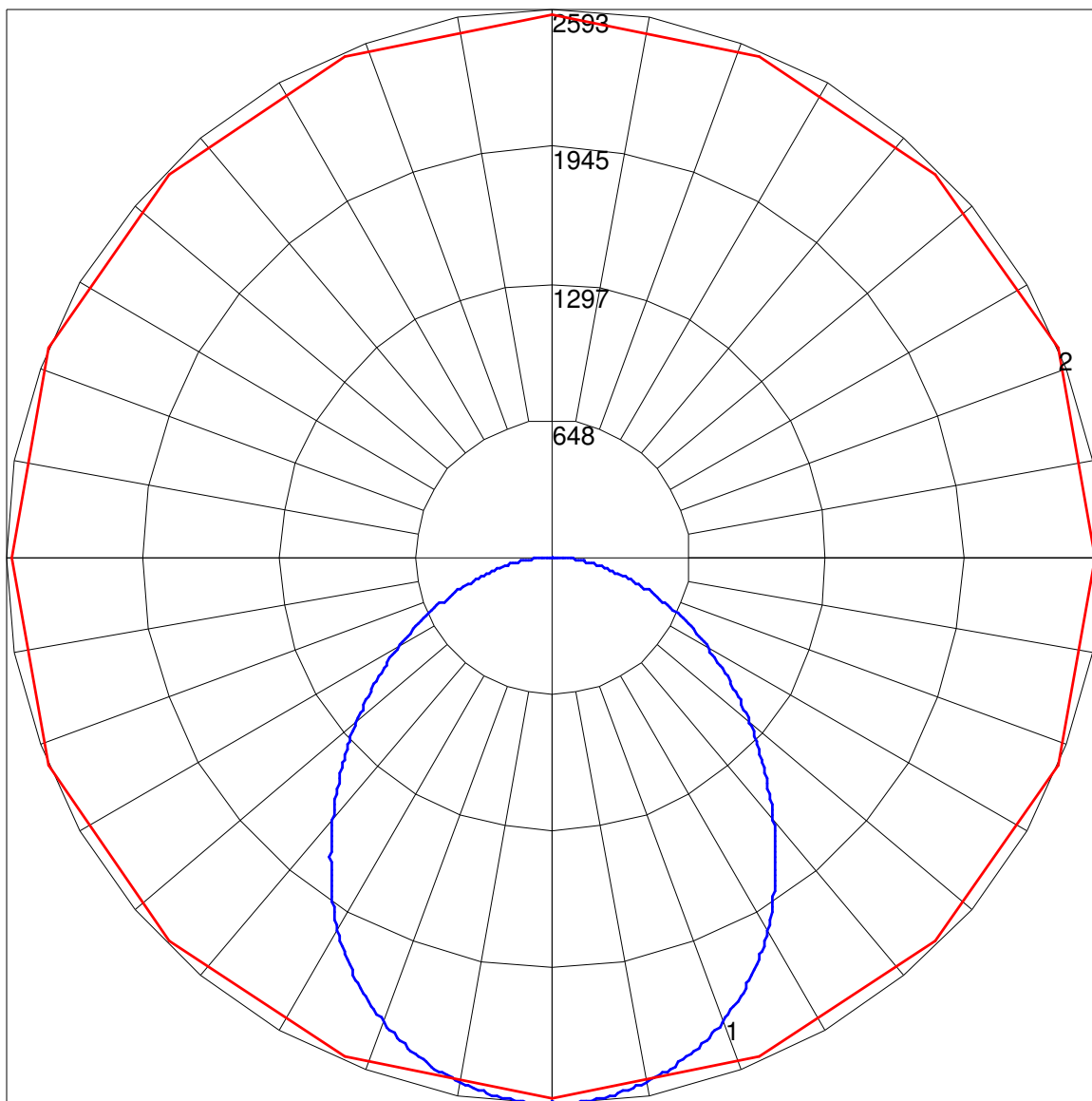
4H	2H	21.7	23.0	22.1	23.4	23.7	20.9	22.2	21.3	22.6	23.0
	3H	23.6	24.7	24.0	25.1	25.5	22.8	23.9	23.2	24.3	24.7
	4H	24.3	25.3	24.8	25.7	26.2	23.5	24.5	23.9	24.9	25.4
	6H	24.9	25.7	25.3	26.2	26.6	24.1	25.0	24.6	25.4	25.9
	8H	25.1	25.9	25.5	26.3	26.8	24.3	25.1	24.8	25.6	26.0
	12H	25.2	25.9	25.7	26.4	26.9	24.5	25.2	25.0	25.7	26.2

8H	4H	24.6	25.4	25.0	25.8	26.3	23.8	24.6	24.3	25.1	25.6
	6H	25.2	25.9	25.7	26.4	26.9	24.6	25.2	25.0	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	26.1	26.7

12H	4H	24.6	25.3	25.1	25.8	26.3	23.9	24.6	24.4	25.1	25.5
	6H	25.3	25.9	25.8	26.4	26.9	24.6	25.2	25.1	25.7	26.2
	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 = 2593.173 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.)