



IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX2UD-6-00-P8-835U-P8-835D-F-F-POE PR_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 13012869.08
[TESTLAB] UL Verification Services Inc.
[ISSUEDATE] 11/09/2022
[MANUFAC] WILLIAMS INDOOR
[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.
[LUMCAT] MX2UD-6-00-P8-835U-P8-835D-F-F-POE PR
[LUMINAIRE] Formed White aluminum housing, lens enclosures
[LAMP] 144 White Downlight LEDs/144 White Uplight LEDs
[LAMPCAT] HLMX 80 CRI 3500K CCT

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	9828
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	130
Total Luminaire Watts	75.6
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	6.00 ft
Luminous Width (90-270)	0.17 ft
Luminous Height	0.33 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	16355	6456	4835
55	14043	4494	3249
65	11811	2903	2044
75	8923	1554	1092
85	4635	481	359

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX2UD-6-00-P8-835U-P8-835D-F-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	2098.368	2098.368	2098.368	2098.368	2098.368
0.5	2092.090	2110.924	2093.660	2095.229	2095.229
1.0	2092.090	2109.354	2093.660	2095.229	2095.229
1.5	2092.090	2109.354	2093.660	2095.229	2096.799
2.0	2090.521	2109.354	2092.090	2095.229	2096.799
2.5	2090.521	2107.785	2092.090	2096.799	2096.799
3.0	2088.951	2106.215	2090.521	2095.229	2095.229
3.5	2087.382	2104.646	2088.951	2095.229	2095.229
4.0	2084.243	2103.076	2087.382	2093.660	2093.660
4.5	2082.673	2101.507	2085.812	2092.090	2092.090
5.0	2081.104	2098.368	2082.673	2090.521	2088.951
5.5	2077.965	2096.799	2081.104	2087.382	2085.812
6.0	2074.826	2093.660	2077.965	2084.243	2082.673
6.5	2071.687	2090.521	2074.826	2079.535	2079.535
7.0	2068.548	2087.382	2071.687	2074.826	2074.826
7.5	2063.840	2084.243	2066.979	2070.118	2068.548
8.0	2060.701	2079.535	2063.840	2063.840	2062.270
8.5	2055.993	2074.826	2059.132	2057.562	2055.993
9.0	2051.284	2071.687	2054.423	2051.284	2049.715
9.5	2046.576	2066.979	2049.715	2045.006	2041.868
10.0	2041.868	2062.270	2043.437	2037.159	2032.451
10.5	2037.159	2057.562	2038.729	2030.881	2023.034
11.0	2032.451	2051.284	2030.881	2023.034	2015.187
11.5	2026.173	2045.006	2024.603	2013.617	2005.770
12.0	2019.895	2040.298	2016.756	2005.770	1994.784
12.5	2013.617	2034.020	2008.909	1996.353	1985.367
13.0	2007.339	2027.742	2001.062	1986.936	1974.381
13.5	2001.062	2019.895	1993.214	1977.520	1963.395
14.0	1993.214	2013.617	1983.797	1968.103	1953.978
14.5	1986.936	2005.770	1974.381	1957.117	1942.992
15.0	1979.089	1997.923	1964.964	1946.130	1930.436
15.5	1969.672	1990.075	1955.547	1935.144	1919.450
16.0	1961.825	1982.228	1946.130	1924.158	1906.894
16.5	1953.978	1972.811	1935.144	1911.602	1894.338
17.0	1946.130	1963.395	1924.158	1900.616	1883.352
17.5	1936.714	1955.547	1913.172	1888.060	1870.796
18.0	1927.297	1944.561	1902.186	1875.505	1858.241
18.5	1919.450	1935.144	1891.199	1864.519	1845.685
19.0	1910.033	1925.727	1878.644	1850.393	1831.560
19.5	1900.616	1914.741	1866.088	1837.838	1819.004
20.0	1889.630	1903.755	1853.532	1825.282	1804.879
20.5	1880.213	1894.338	1840.977	1811.157	1789.184
21.0	1870.796	1881.783	1828.421	1795.462	1776.629
21.5	1859.810	1870.796	1815.865	1781.337	1759.365
22.0	1848.824	1859.810	1803.310	1767.212	1745.240
22.5	1837.838	1847.254	1789.184	1751.517	1731.114
23.0	1826.851	1836.268	1776.629	1735.823	1713.850
23.5	1815.865	1823.713	1762.504	1720.128	1698.156
24.0	1803.310	1811.157	1748.378	1704.434	1680.892
24.5	1792.323	1798.601	1735.823	1688.739	1665.197
25.0	1778.198	1786.046	1720.128	1671.475	1647.933
25.5	1765.643	1773.490	1706.003	1655.780	1632.238
26.0	1753.087	1759.365	1691.878	1640.086	1616.544
26.5	1738.962	1745.240	1676.183	1624.391	1599.280

IES INDOOR REPORT**PHOTOMETRIC FILENAME : MX2UD-6-00-P8-835U-P8-835D-F-F-POE PR_.IES****CANDELA TABULATION - (Cont.)**

27.0	1726.406	1731.114	1662.058	1607.127	1582.016
27.5	1712.281	1716.989	1646.364	1591.432	1566.007
28.0	1696.586	1702.864	1632.238	1574.168	1549.371
28.5	1682.461	1688.739	1614.974	1558.317	1533.362
29.0	1666.767	1673.044	1599.280	1541.994	1517.511
29.5	1652.641	1658.919	1583.585	1525.672	1500.561
30.0	1636.947	1643.225	1566.949	1509.821	1483.454
30.5	1622.822	1625.961	1550.470	1493.184	1467.759
31.0	1607.127	1611.835	1533.676	1476.391	1450.024
31.5	1589.863	1594.571	1516.412	1459.441	1433.074
32.0	1575.738	1577.307	1499.305	1442.020	1415.967
32.5	1558.631	1560.828	1481.884	1423.657	1399.017
33.0	1543.407	1543.250	1463.992	1405.922	1380.654
33.5	1526.928	1526.614	1446.414	1388.187	1362.762
34.0	1510.291	1509.036	1428.523	1370.139	1345.969
34.5	1494.126	1490.987	1410.474	1351.619	1328.234
35.0	1477.961	1473.409	1392.896	1333.099	1309.244
35.5	1461.795	1454.889	1375.004	1314.423	1289.939
36.0	1445.473	1437.468	1356.327	1296.217	1271.420
36.5	1428.836	1419.420	1338.436	1277.227	1252.429
37.0	1412.043	1401.842	1320.073	1258.550	1231.869
37.5	1394.151	1383.950	1302.181	1239.560	1211.780
38.0	1377.358	1366.058	1283.661	1220.255	1191.848
38.5	1359.623	1347.852	1265.770	1200.794	1172.544
39.0	1341.888	1330.117	1246.936	1182.117	1156.221
39.5	1323.840	1312.696	1228.730	1166.109	1138.486
40.0	1306.105	1295.589	1210.211	1147.903	1119.339
40.5	1287.899	1277.540	1192.005	1130.482	1100.505
41.0	1270.478	1259.806	1175.526	1111.649	1082.457
41.5	1252.900	1242.542	1160.616	1093.129	1064.879
42.0	1234.851	1224.650	1142.881	1075.394	1047.772
42.5	1216.959	1207.229	1126.245	1058.130	1031.292
43.0	1199.538	1189.808	1108.667	1041.337	1015.127
43.5	1182.902	1173.956	1091.559	1025.014	999.432
44.0	1166.894	1159.674	1074.766	1009.163	984.051
44.5	1154.652	1142.567	1058.130	993.625	968.985
45.0	1137.388	1125.774	1041.808	978.401	953.761
45.5	1120.438	1109.137	1025.799	963.335	938.851
46.0	1103.801	1092.030	1010.104	948.582	923.941
46.5	1087.008	1074.923	994.410	933.672	909.188
47.0	1070.529	1057.973	979.029	918.919	894.278
47.5	1053.735	1041.023	963.492	904.166	879.525
48.0	1037.256	1024.387	948.111	889.256	864.772
48.5	1020.777	1007.750	932.573	874.503	850.177
49.0	1004.297	991.271	917.192	859.436	835.737
49.5	987.975	974.792	901.655	844.840	821.298
50.0	971.810	958.469	886.274	830.244	807.016
50.5	955.487	942.147	870.736	815.648	793.048
51.0	939.165	925.981	855.199	801.209	779.080
51.5	922.999	909.816	839.818	786.770	765.112
52.0	906.677	893.651	824.751	772.488	751.144
52.5	890.355	877.799	809.684	758.363	737.332
53.0	874.032	861.791	794.932	744.238	723.678
53.5	857.867	845.939	780.336	730.113	709.553
54.0	841.858	830.401	765.896	716.302	695.742
54.5	825.850	814.707	751.614	702.176	681.930

IES INDOOR REPORT**PHOTOMETRIC FILENAME : MX2UD-6-00-P8-835U-P8-835D-F-F-POE PR_.IES****CANDELA TABULATION - (Cont.)**

55.0	809.998	799.326	737.332	688.208	668.119
55.5	794.147	784.102	723.207	674.554	654.465
56.0	778.452	768.878	709.082	660.743	640.654
56.5	762.915	753.969	694.957	647.402	627.313
57.0	747.534	738.902	680.832	633.905	614.130
57.5	732.310	723.835	666.707	620.721	601.260
58.0	717.400	708.768	652.738	607.538	588.391
58.5	702.490	693.858	638.770	594.668	575.992
59.0	688.208	679.262	625.116	581.799	563.436
59.5	674.083	664.823	611.305	569.086	551.194
60.0	659.958	650.384	597.807	556.531	539.110
60.5	645.990	636.102	584.467	544.132	527.025
61.0	631.865	621.820	571.283	531.890	515.097
61.5	617.739	607.852	558.100	519.805	503.326
62.0	603.457	593.884	545.073	507.720	491.869
62.5	589.332	580.072	532.204	495.792	480.412
63.0	575.364	566.418	519.648	484.178	469.112
63.5	561.553	552.764	506.936	472.564	457.811
64.0	547.742	538.953	494.380	460.950	446.668
64.5	533.930	525.298	481.981	449.493	435.525
65.0	520.433	511.801	469.582	438.193	424.696
65.5	506.779	498.304	457.341	426.893	413.867
66.0	493.281	484.963	445.256	415.750	403.037
66.5	479.627	471.623	433.014	404.450	392.208
67.0	465.973	458.596	420.929	392.993	381.222
67.5	452.475	445.413	409.001	381.850	370.393
68.0	439.135	432.229	397.073	370.706	359.720
68.5	425.795	419.203	384.989	359.720	349.048
69.0	412.611	406.019	373.218	348.734	338.376
69.5	399.428	393.150	361.290	337.748	328.017
70.0	386.087	380.280	349.676	326.919	317.502
70.5	372.904	367.568	338.062	316.246	307.300
71.0	359.877	354.698	326.448	305.731	297.256
71.5	346.851	341.985	315.148	295.215	287.525
72.0	334.138	329.273	304.318	285.014	277.951
72.5	321.425	316.874	293.332	275.126	268.378
73.0	308.870	304.632	282.346	265.239	258.961
73.5	296.314	292.547	271.517	255.508	249.701
74.0	284.072	280.463	260.844	245.934	240.441
74.5	271.830	268.692	250.486	236.518	231.338
75.0	259.746	257.078	240.127	227.258	222.236
75.5	247.975	245.464	229.926	218.155	213.447
76.0	236.204	234.163	219.881	209.209	204.815
76.5	224.747	223.020	209.994	200.263	196.339
77.0	213.447	212.034	200.263	191.474	187.707
77.5	202.146	201.205	190.689	182.999	179.389
78.0	191.160	190.532	181.430	174.367	170.914
78.5	180.331	180.174	172.170	166.049	162.753
79.0	169.816	169.973	163.381	157.731	154.906
79.5	159.457	159.928	154.592	149.726	147.058
80.0	149.256	150.197	146.117	141.722	139.368
80.5	139.211	140.781	137.642	133.875	131.835
81.0	129.637	131.521	129.324	126.342	124.458
81.5	120.378	122.575	121.162	118.808	117.239
82.0	111.118	113.786	113.158	111.275	110.019
82.5	102.172	104.997	105.468	104.055	103.114

IES INDOOR REPORT**PHOTOMETRIC FILENAME : MX2UD-6-00-P8-835U-P8-835D-F-F-POE PR_.IES****CANDELA TABULATION - (Cont.)**

83.0	93.540	96.679	97.620	96.993	96.051
83.5	85.065	88.518	90.087	89.930	89.302
84.0	76.904	80.827	82.867	83.024	82.711
84.5	69.056	73.294	75.648	76.276	75.962
85.0	61.523	65.917	68.585	69.684	69.370
85.5	54.303	58.855	61.837	63.249	63.092
86.0	47.241	51.792	55.245	56.814	56.814
86.5	40.492	45.200	48.810	50.694	50.694
87.0	33.900	38.609	42.532	44.730	44.730
87.5	27.466	32.331	36.255	38.766	38.766
88.0	21.188	26.210	30.291	32.959	33.116
88.5	14.910	20.246	24.327	27.622	27.779
89.0	8.632	13.654	18.049	21.345	20.560
89.5	4.238	8.161	11.457	13.497	12.713
90.0	3.767	5.964	7.376	7.847	6.435
90.5	4.238	8.789	11.928	12.713	12.556
91.0	8.632	10.829	13.811	16.479	16.636
91.5	15.067	14.439	15.852	17.735	17.892
92.0	22.443	19.461	18.834	20.246	20.246
92.5	29.977	24.954	21.972	23.071	23.071
93.0	37.510	31.075	25.582	26.053	25.896
93.5	45.200	37.196	30.134	29.192	29.035
94.0	52.891	43.317	35.313	32.488	32.174
94.5	60.581	49.752	40.963	36.098	35.470
95.0	68.272	56.501	47.084	40.335	38.923
95.5	75.805	63.563	53.362	45.044	43.003
96.0	83.495	70.940	59.483	50.223	47.555
96.5	91.029	78.473	65.446	55.873	52.420
97.0	98.719	86.163	71.097	61.837	58.070
97.5	106.409	93.697	76.747	67.958	63.877
98.0	114.100	101.387	82.554	73.922	69.841
98.5	121.790	108.921	88.204	79.729	75.805
99.0	129.480	116.611	93.854	85.379	81.612
99.5	137.171	124.301	99.818	91.029	87.419
100.0	144.861	131.992	105.782	96.522	92.912
100.5	152.708	139.839	111.903	102.172	98.562
101.0	160.399	147.686	118.180	107.822	104.212
101.5	168.403	155.533	124.458	113.629	109.862
102.0	176.407	163.538	131.207	119.279	115.669
102.5	184.725	171.699	137.956	125.086	121.476
103.0	193.044	180.017	144.704	131.050	127.126
103.5	201.676	188.492	151.767	137.171	133.090
104.0	210.465	197.124	159.143	143.292	139.211
104.5	219.097	205.913	166.520	149.726	145.489
105.0	227.886	214.859	174.210	156.161	151.924
105.5	236.832	223.962	182.057	162.753	158.359
106.0	246.091	233.222	190.219	169.502	165.107
106.5	255.665	242.795	198.694	176.564	171.856
107.0	265.553	252.683	207.483	183.627	178.918
107.5	275.597	262.728	216.585	191.003	185.981
108.0	286.113	273.086	225.845	198.694	193.357
108.5	296.942	283.758	235.576	206.698	200.891
109.0	308.085	294.745	245.464	214.859	208.738
109.5	319.385	305.888	255.822	223.334	216.899
110.0	331.313	317.502	266.494	232.123	225.218
110.5	343.398	329.587	277.637	241.383	233.850

IES INDOOR REPORT**PHOTOMETRIC FILENAME : MX2UD-6-00-P8-835U-P8-835D-F-F-POE PR_.IES****CANDELA TABULATION - (Cont.)**

111.0	356.110	341.828	289.251	250.957	242.795
111.5	368.980	354.541	301.336	261.158	252.212
112.0	382.634	367.881	313.892	271.674	262.257
112.5	396.603	381.536	326.919	282.817	272.458
113.0	411.042	395.818	340.573	294.274	283.288
113.5	425.951	410.414	354.698	306.202	294.274
114.0	441.489	425.481	369.294	318.757	306.202
114.5	457.341	441.018	384.518	331.941	318.443
115.0	473.820	457.184	400.212	345.595	331.470
115.5	490.770	473.820	416.692	359.877	344.810
116.0	508.034	490.927	433.642	374.944	358.936
116.5	525.926	508.662	451.220	390.796	373.531
117.0	544.603	526.554	469.425	407.118	389.069
117.5	563.750	545.230	488.102	424.225	405.235
118.0	583.525	564.221	507.406	441.960	421.871
118.5	603.771	583.996	527.339	460.166	439.135
119.0	624.488	604.242	547.585	478.999	457.184
119.5	645.519	624.959	568.615	498.774	475.860
120.0	666.707	646.304	590.274	519.020	495.165
120.5	688.522	668.119	612.403	540.051	515.097
121.0	710.808	690.562	635.160	561.867	535.814
121.5	733.723	713.477	658.388	584.467	557.472
122.0	757.108	737.018	682.244	607.538	579.759
122.5	781.120	760.717	706.571	631.551	602.987
123.0	805.604	784.887	731.211	656.034	626.685
123.5	830.401	809.371	756.323	680.989	651.012
124.0	855.356	834.325	781.748	706.571	675.966
124.5	880.781	859.279	807.487	732.938	701.706
125.0	906.206	884.705	833.697	759.776	728.386
125.5	931.475	910.287	860.064	787.241	755.381
126.0	956.586	936.026	886.588	815.021	782.690
126.5	981.854	961.765	913.112	843.271	810.626
127.0	1007.593	987.818	940.107	871.835	839.347
127.5	1033.489	1013.871	966.944	900.713	868.225
128.0	1059.229	1040.238	993.782	929.591	897.417
128.5	1084.811	1066.291	1020.463	958.469	926.609
129.0	1109.765	1092.187	1046.830	987.504	955.958
129.5	1135.033	1117.926	1073.197	1016.382	985.778
130.0	1157.006	1142.724	1099.250	1045.417	1015.911
130.5	1177.723	1164.069	1124.989	1074.138	1045.731
131.0	1201.579	1187.924	1147.903	1102.546	1075.708
131.5	1225.591	1211.466	1171.602	1129.383	1105.528
132.0	1249.133	1235.636	1193.417	1155.593	1132.052
132.5	1272.675	1259.335	1217.744	1182.274	1161.243
133.0	1295.903	1282.406	1241.914	1205.659	1189.965
133.5	1318.346	1305.791	1265.613	1231.241	1214.605
134.0	1340.162	1328.077	1289.154	1256.510	1242.385
134.5	1361.820	1350.363	1311.912	1281.307	1269.379
135.0	1382.067	1371.551	1334.669	1305.634	1295.432
135.5	1402.626	1392.582	1356.955	1329.019	1320.387
136.0	1422.559	1413.142	1378.614	1352.404	1345.027
136.5	1441.235	1433.388	1399.958	1374.690	1369.197
137.0	1459.755	1452.535	1421.460	1397.290	1392.425
137.5	1477.804	1471.997	1440.921	1418.949	1415.182
138.0	1495.852	1490.516	1461.167	1439.980	1436.841
138.5	1513.587	1509.036	1480.158	1460.226	1457.401

IES INDOOR REPORT**PHOTOMETRIC FILENAME : MX2UD-6-00-P8-835U-P8-835D-F-F-POE PR_.IES****CANDELA TABULATION - (Cont.)**

139.0	1529.753	1526.928	1498.520	1480.315	1478.274
139.5	1546.075	1544.506	1516.883	1499.305	1497.736
140.0	1562.241	1560.671	1534.147	1518.766	1517.040
140.5	1577.307	1577.307	1551.254	1536.815	1535.246
141.0	1593.002	1593.002	1568.675	1554.707	1552.981
141.5	1607.127	1608.697	1585.155	1572.599	1571.029
142.0	1621.252	1624.391	1602.419	1588.294	1588.294
142.5	1635.377	1638.516	1616.544	1605.558	1603.988
143.0	1649.502	1652.641	1632.238	1621.252	1621.252
143.5	1662.058	1666.767	1647.933	1636.947	1636.947
144.0	1674.614	1679.322	1662.058	1652.641	1652.641
144.5	1687.170	1693.447	1674.614	1668.336	1668.336
145.0	1699.725	1706.003	1688.739	1682.461	1684.031
145.5	1712.281	1718.559	1701.295	1696.586	1699.725
146.0	1723.267	1731.114	1713.850	1710.711	1713.850
146.5	1735.823	1742.101	1726.406	1724.837	1729.545
147.0	1746.809	1753.087	1738.962	1737.392	1742.101
147.5	1756.226	1765.643	1749.948	1749.948	1756.226
148.0	1768.781	1776.629	1762.504	1762.504	1768.781
148.5	1779.768	1787.615	1773.490	1773.490	1781.337
149.0	1790.754	1798.601	1784.476	1784.476	1792.323
149.5	1800.171	1809.587	1795.462	1795.462	1803.310
150.0	1811.157	1819.004	1806.448	1804.879	1812.726
150.5	1820.574	1829.990	1817.435	1814.296	1822.143
151.0	1829.990	1839.407	1828.421	1825.282	1831.560
151.5	1840.977	1850.393	1837.838	1834.699	1839.407
152.0	1850.393	1859.810	1848.824	1844.116	1847.254
152.5	1859.810	1869.227	1859.810	1853.532	1856.671
153.0	1869.227	1878.644	1869.227	1862.949	1864.519
153.5	1878.644	1886.491	1878.644	1872.366	1872.366
154.0	1886.491	1895.908	1888.060	1881.783	1880.213
154.5	1895.908	1905.324	1897.477	1891.199	1889.630
155.0	1903.755	1913.172	1906.894	1900.616	1897.477
155.5	1911.602	1921.019	1916.311	1910.033	1906.894
156.0	1919.450	1928.866	1924.158	1919.450	1916.311
156.5	1927.297	1936.714	1933.575	1928.866	1925.727
157.0	1933.575	1944.561	1941.422	1938.283	1933.575
157.5	1941.422	1952.408	1949.269	1947.700	1942.992
158.0	1949.269	1960.256	1957.117	1955.547	1952.408
158.5	1957.117	1966.533	1964.964	1964.964	1960.256
159.0	1963.395	1974.381	1971.242	1972.811	1968.103
159.5	1969.672	1980.659	1979.089	1982.228	1977.520
160.0	1975.950	1986.936	1986.936	1990.075	1985.367
160.5	1982.228	1993.214	1993.214	1996.353	1993.214
161.0	1988.506	1999.492	1999.492	2004.200	2001.062
161.5	1994.784	2005.770	2005.770	2010.478	2007.339
162.0	2001.062	2012.048	2012.048	2016.756	2015.187
162.5	2007.339	2018.326	2018.326	2023.034	2021.465
163.0	2013.617	2023.034	2024.603	2029.312	2027.742
163.5	2019.895	2029.312	2029.312	2034.020	2032.451
164.0	2026.173	2035.590	2035.590	2038.729	2038.729
164.5	2030.881	2041.868	2040.298	2043.437	2043.437
165.0	2037.159	2046.576	2045.006	2048.145	2048.145
165.5	2041.868	2051.284	2048.145	2052.854	2052.854
166.0	2048.145	2057.562	2052.854	2055.993	2057.562
166.5	2052.854	2062.270	2055.993	2060.701	2060.701

IES INDOOR REPORT**PHOTOMETRIC FILENAME : MX2UD-6-00-P8-835U-P8-835D-F-F-POE PR_.IES****CANDELA TABULATION - (Cont.)**

167.0	2057.562	2066.979	2060.701	2065.409	2066.979
167.5	2062.270	2071.687	2063.840	2068.548	2070.118
168.0	2066.979	2074.826	2068.548	2073.257	2073.257
168.5	2071.687	2079.535	2071.687	2076.396	2077.965
169.0	2074.826	2082.673	2074.826	2081.104	2082.673
169.5	2079.535	2087.382	2077.965	2084.243	2085.812
170.0	2082.673	2090.521	2081.104	2087.382	2090.521
170.5	2087.382	2093.660	2084.243	2090.521	2093.660
171.0	2090.521	2096.799	2085.812	2093.660	2096.799
171.5	2092.090	2098.368	2088.951	2096.799	2101.507
172.0	2096.799	2101.507	2092.090	2099.938	2104.646
172.5	2098.368	2104.646	2093.660	2103.076	2107.785
173.0	2101.507	2106.215	2096.799	2104.646	2110.924
173.5	2104.646	2109.354	2098.368	2106.215	2114.063
174.0	2106.215	2110.924	2099.938	2109.354	2115.632
174.5	2109.354	2112.493	2103.076	2110.924	2117.202
175.0	2110.924	2114.063	2104.646	2112.493	2118.771
175.5	2112.493	2115.632	2104.646	2114.063	2120.341
176.0	2115.632	2117.202	2107.785	2115.632	2121.910
176.5	2117.202	2118.771	2107.785	2115.632	2121.910
177.0	2117.202	2118.771	2109.354	2117.202	2121.910
177.5	2118.771	2120.341	2110.924	2117.202	2121.910
178.0	2120.341	2121.910	2110.924	2117.202	2123.479
178.5	2121.910	2121.910	2112.493	2118.771	2121.910
179.0	2121.910	2121.910	2112.493	2118.771	2121.910
179.5	2121.910	2121.910	2114.063	2118.771	2121.910
180.0	2118.771	2118.771	2118.771	2118.771	2118.771

IES INDOOR REPORT**PHOTOMETRIC FILENAME : MX2UD-6-00-P8-835U-P8-835D-F-F-POE PR_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	751.07	N.A.	7.60
0-30	1543.05	N.A.	15.70
0-40	2415.63	N.A.	24.60
0-60	3888.49	N.A.	39.60
0-80	4614.63	N.A.	47.00
0-90	4691.13	N.A.	47.70
10-90	4493.1	N.A.	45.70
20-40	1664.56	N.A.	16.90
20-50	2473.78	N.A.	25.20
40-70	1941.88	N.A.	19.80
60-80	726.14	N.A.	7.40
70-80	257.12	N.A.	2.60
80-90	76.50	N.A.	0.80
90-110	255.15	N.A.	2.60
90-120	660.76	N.A.	6.70
90-130	1399.86	N.A.	14.20
90-150	3480.75	N.A.	35.40
90-180	5137.28	N.A.	52.30
110-180	4882.13	N.A.	49.70
0-180	9828.4	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	198.03
10-20	553.04
20-30	791.98
30-40	872.58
40-50	809.23
50-60	663.64
60-70	469.02
70-80	257.12
80-90	76.50
90-100	58.01
100-110	197.14
110-120	405.61
120-130	739.10
130-140	1025.02
140-150	1055.87
150-160	878.39
160-170	577.39
170-180	200.75

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	107	107	107	107	98	98	98	98	82	82	82	67	67	67	54	54	54	48
1	98	93	90	86	90	86	83	80	72	70	68	60	58	57	48	47	46	41
2	89	82	76	71	82	76	70	66	64	60	57	53	50	48	43	41	39	35
3	81	72	65	59	75	67	60	55	56	52	48	47	44	41	38	36	34	30
4	75	64	56	50	68	59	53	47	50	45	41	42	38	35	34	32	29	26
5	69	57	49	43	63	53	46	41	45	40	36	38	34	31	31	28	26	23
6	63	51	44	38	58	48	41	36	41	35	31	34	30	27	28	25	23	20
7	59	47	39	33	54	43	36	31	37	32	28	31	27	24	26	23	20	18
8	54	42	35	29	50	39	33	28	34	29	25	29	25	22	24	21	18	16
9	51	39	31	26	47	36	29	25	31	26	22	26	22	19	22	19	17	15
10	47	36	28	24	44	33	27	22	29	24	20	25	20	18	21	17	15	13

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX2UD-6-00-P8-835U-P8-835D-F-F-POE PR_.IES

UGR TABLE - CORRECTED

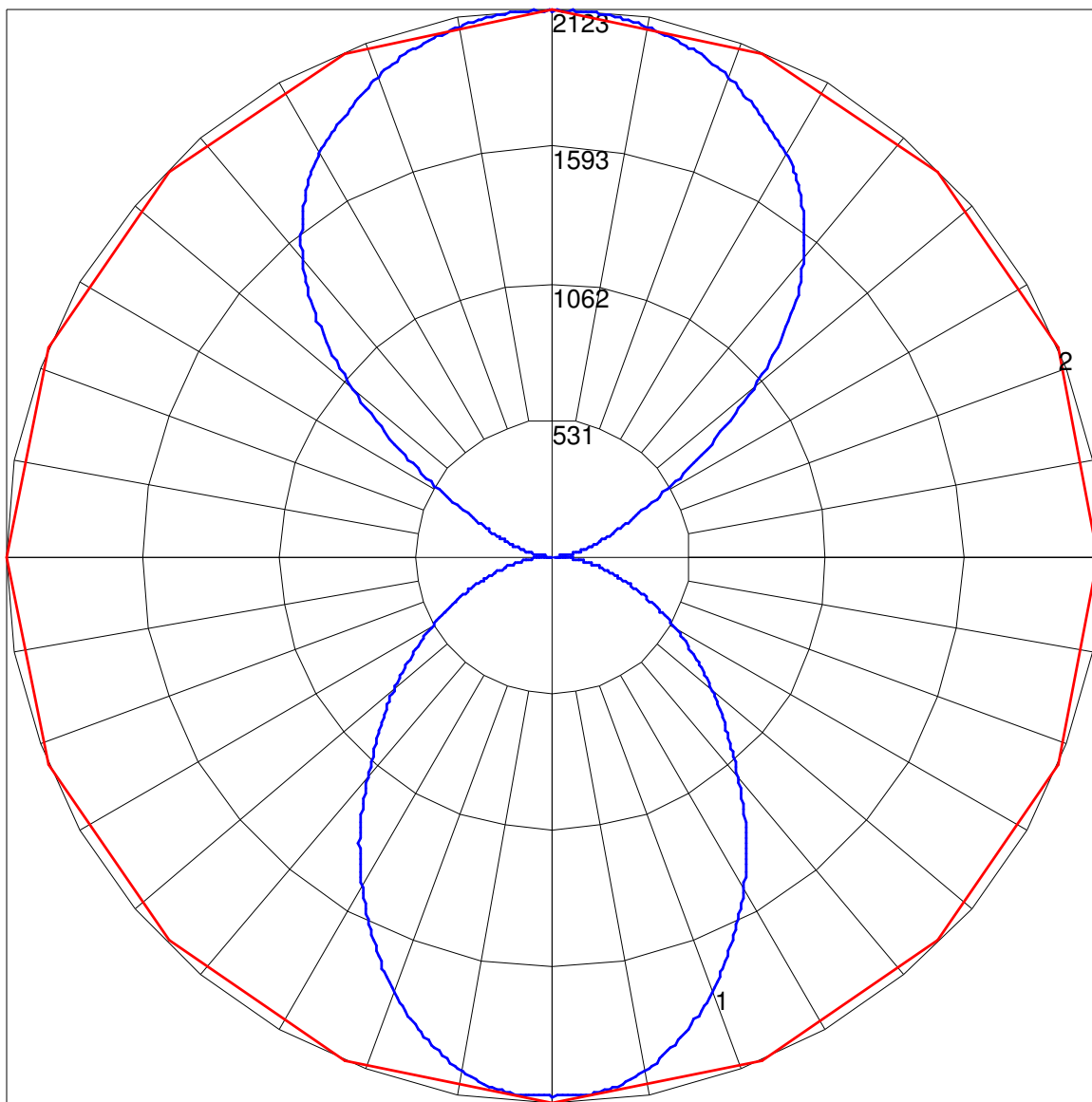
Reflectances

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	12.4	13.2	13.3	14.2	15.5	13.5	14.4	14.5	15.3	16.6
	3H	13.5	14.2	14.4	15.2	16.5	15.0	15.8	16.0	16.8	18.1
	4H	13.7	14.4	14.7	15.4	16.8	15.6	16.3	16.6	17.3	18.6
	6H	13.9	14.5	14.9	15.5	16.9	16.0	16.6	17.0	17.6	19.0
	8H	13.9	14.5	14.9	15.5	16.8	16.1	16.7	17.1	17.7	19.1
	12H	13.8	14.4	14.9	15.4	16.8	16.2	16.8	17.2	17.8	19.1
4H	2H	12.7	13.4	13.7	14.4	15.8	13.7	14.4	14.7	15.4	16.7
	3H	14.0	14.6	15.0	15.6	16.9	15.3	15.9	16.3	17.0	18.3
	4H	14.4	14.9	15.4	15.9	17.3	15.9	16.5	17.0	17.5	18.9
	6H	14.6	15.0	15.6	16.1	17.4	16.4	16.9	17.4	17.9	19.3
	8H	14.6	15.0	15.6	16.0	17.4	16.6	17.0	17.6	18.0	19.4
	12H	14.6	14.9	15.6	16.0	17.4	16.7	17.1	17.7	18.1	19.5
8H	4H	14.5	14.9	15.5	15.9	17.3	16.0	16.4	17.0	17.4	18.8
	6H	14.7	15.1	15.8	16.2	17.5	16.5	16.8	17.5	17.9	19.3
	8H	14.8	15.1	15.9	16.2	17.6	16.7	17.0	17.7	18.0	19.4
	12H	14.8	15.1	15.9	16.1	17.6	16.8	17.1	17.9	18.1	19.6
12H	4H	14.4	14.8	15.5	15.9	17.3	15.9	16.3	17.0	17.3	18.7
	6H	14.7	15.0	15.8	16.1	17.5	16.4	16.8	17.5	17.8	19.2
	8H	14.8	15.1	15.9	16.1	17.6	16.6	16.9	17.7	18.0	19.4

Maximum UGR = 19.6

POLAR GRAPH



Maximum Candela = 2123.479 Located At Horizontal Angle = 90, Vertical Angle = 178
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (178) (Through Max. Cd.)