



IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX4UD-4-00-L8-835U-L8-835D-ASYUP-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN FROM ul #13323616.01

[TESTLAB] UL Verification Services Inc.

[ISSUE DATE] 26-AUG-2020

[MANUFAC] H E Williams Inc

[LUMCAT] MX4UD-4'00-L8/835U-L8/835D-ASYUP-DIM-UNV

[LUMINAIRE] White aluminum housing, frosted lens enclosure

[OTHER] This test was performed using the calibrated photodetector met

[MORE] hod of absolute photometry.

[_CONVERT] Luminaire test position and photometric web converted from original test data

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6522
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	112
Total Luminaire Watts	58.4
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
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	0.33 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	8187	8165	8120
55	7668	7696	7696
65	6963	7001	7114
75	5870	6488	6797
85	3853	6606	7890

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CANDELA TABULATION

	<u>0.0</u>	<u>2.5</u>	<u>5.0</u>	<u>7.5</u>	<u>10.0</u>	<u>12.5</u>	<u>15.0</u>	<u>17.5</u>	<u>20.0</u>	<u>22.5</u>
0.0	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535
2.5	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554
5.0	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573
7.5	1176.668	1176.668	1176.668	1176.668	1176.668	1176.668	1176.668	1176.668	1176.668	1176.668
10.0	1166.764	1166.764	1166.764	1166.764	1166.764	1164.783	1164.783	1164.783	1164.783	1164.783
12.5	1150.916	1150.916	1148.935	1148.935	1148.935	1148.935	1146.954	1146.954	1146.954	1146.954
15.0	1135.069	1135.069	1133.088	1133.088	1131.107	1131.107	1129.126	1129.126	1127.145	1127.145
17.5	1111.298	1109.317	1109.317	1109.317	1107.336	1107.336	1107.336	1107.336	1105.355	1105.355
20.0	1085.546	1085.546	1085.546	1085.546	1085.546	1083.565	1083.565	1083.565	1083.565	1083.565
22.5	1057.813	1057.813	1057.813	1057.813	1055.832	1055.832	1055.832	1055.832	1055.832	1055.832
25.0	1030.080	1030.080	1030.080	1028.099	1028.099	1028.099	1028.099	1026.118	1026.118	1026.118
27.5	996.404	996.404	996.404	996.404	996.404	994.423	994.423	994.423	994.423	994.423
30.0	962.729	962.729	962.729	962.729	962.729	962.729	962.729	962.729	962.729	962.729
32.5	925.091	925.091	925.091	925.091	925.091	925.091	925.091	925.091	925.091	925.091
35.0	887.453	887.453	887.453	887.453	887.453	887.453	887.453	887.453	887.453	887.453
37.5	845.854	845.854	845.854	845.854	845.854	845.854	845.854	845.854	845.854	845.854
40.0	804.255	804.255	804.255	804.255	804.255	802.274	802.274	802.274	802.274	802.274
42.5	760.674	760.674	760.674	760.674	760.674	758.693	758.693	758.693	758.693	758.693
45.0	717.094	717.094	717.094	717.094	717.094	715.113	715.113	715.113	715.113	715.113
47.5	671.533	671.533	671.533	673.514	673.514	673.514	673.514	673.514	673.514	675.495
50.0	625.972	625.972	627.953	627.953	629.933	629.933	631.914	631.914	633.895	633.895
52.5	586.353	586.353	586.353	586.353	588.334	588.334	588.334	588.334	590.315	590.315
55.0	544.754	544.754	544.754	544.754	544.754	546.735	546.735	546.735	546.735	546.735
57.5	499.193	499.193	499.193	499.193	499.193	499.193	499.193	499.193	499.193	499.193
60.0	451.650	451.650	451.650	451.650	451.650	449.670	449.670	449.670	449.670	449.670
62.5	408.070	408.070	408.070	408.070	408.070	406.089	406.089	406.089	406.089	406.089
65.0	364.490	364.490	364.490	364.490	364.490	362.509	362.509	362.509	362.509	362.509
67.5	316.948	316.948	316.948	316.948	316.948	318.929	318.929	318.929	318.929	318.929
70.0	269.406	269.406	271.387	271.387	271.387	273.367	273.367	273.367	275.348	275.348
72.5	229.787	229.787	229.787	231.768	231.768	231.768	233.749	233.749	235.730	235.730
75.0	188.188	188.188	190.169	190.169	192.149	192.149	194.131	194.131	196.111	196.111
77.5	148.569	148.569	148.569	150.550	150.550	152.531	152.531	154.512	154.512	156.493
80.0	106.970	106.970	108.951	108.951	110.932	110.932	112.913	112.913	114.894	114.894
82.5	75.275	75.275	77.256	77.256	79.237	79.237	81.218	81.218	83.199	83.199
85.0	41.599	43.580	43.580	45.561	45.561	47.542	47.542	49.523	49.523	51.504
87.5	23.771	25.752	25.752	27.733	27.733	29.714	31.695	31.695	33.676	35.657
90.0	8.335	10.807	11.299	13.770	16.243	16.734	19.207	21.678	22.169	24.642
92.5	27.419	30.919	32.439	35.940	37.460	40.961	44.462	45.981	49.482	52.983
95.0	53.471	57.769	60.087	64.384	66.702	71.000	73.318	77.616	79.934	84.232
97.5	86.705	89.820	92.936	98.031	101.146	106.242	109.357	114.452	117.567	122.663
100.0	122.900	126.703	132.486	136.288	140.091	145.875	149.677	153.479	159.263	163.065
102.5	165.340	169.657	175.955	180.272	184.589	190.886	195.203	199.520	205.818	210.135
105.0	209.965	214.825	221.666	226.526	231.386	238.227	243.087	247.947	254.788	259.648
107.5	255.891	261.300	268.689	274.099	279.508	286.897	292.307	297.716	305.105	310.514
110.0	302.647	308.547	316.429	322.329	328.229	336.110	342.011	347.911	355.793	361.692
112.5	350.237	356.317	364.377	370.456	376.536	384.595	390.675	396.754	404.815	410.894
115.0	396.579	403.167	411.736	418.323	424.911	433.480	440.068	446.656	455.225	461.813
117.5	442.087	449.264	458.423	465.600	472.777	479.955	489.113	496.290	503.468	512.626
120.0	487.856	495.543	503.229	512.896	520.582	528.268	535.953	545.620	553.306	560.992
122.5	533.105	541.253	549.401	559.530	567.679	575.827	583.975	592.124	600.271	610.401
125.0	578.354	586.849	595.344	603.838	612.334	622.809	631.305	639.799	648.295	656.790
127.5	623.603	632.271	640.940	649.608	658.276	666.945	675.613	684.281	692.950	703.599
130.0	666.771	675.786	684.801	693.816	702.831	711.847	720.862	729.877	738.892	747.907
132.5	708.380	717.857	727.335	736.813	746.290	755.766	765.244	774.721	784.199	793.676

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CANDELA TABULATION - (Cont.)

135.0	749.987	759.754	769.521	779.286	789.053	798.819	808.586	818.352	828.118	837.885
137.5	791.596	801.362	811.129	820.895	830.661	840.428	850.194	859.960	869.727	879.493
140.0	832.684	842.335	851.986	861.636	871.287	880.938	890.589	900.239	909.890	919.541
142.5	872.212	881.747	891.283	900.818	910.353	919.888	929.423	938.958	948.494	958.029
145.0	909.659	919.310	928.961	938.611	948.262	957.913	967.564	977.214	986.865	996.516
147.5	945.547	955.198	964.849	974.499	984.149	993.801	1003.452	1013.101	1022.752	1032.403
150.0	980.393	989.813	999.233	1008.652	1018.072	1027.491	1036.910	1046.330	1055.750	1065.169
152.5	1013.680	1022.752	1031.825	1040.898	1049.971	1059.044	1068.117	1077.190	1086.263	1095.335
155.0	1043.846	1052.514	1061.183	1069.851	1078.519	1087.188	1095.856	1104.524	1113.193	1121.861
157.5	1071.411	1079.560	1087.707	1095.856	1104.005	1112.152	1120.301	1128.449	1136.597	1144.746
160.0	1095.856	1103.426	1110.997	1118.567	1126.138	1133.708	1141.278	1148.849	1156.419	1163.990
162.5	1117.700	1124.634	1131.570	1138.504	1145.438	1152.374	1159.308	1166.243	1173.178	1180.112
165.0	1136.944	1143.070	1149.195	1155.321	1161.447	1167.572	1173.697	1179.823	1185.948	1192.074
167.5	1153.587	1158.846	1164.104	1169.364	1174.623	1179.881	1185.140	1190.399	1195.658	1200.917
170.0	1167.630	1171.907	1176.183	1180.459	1184.736	1189.012	1193.289	1197.565	1201.841	1206.118
172.5	1178.552	1181.904	1185.255	1188.608	1191.960	1195.311	1198.663	1202.015	1205.367	1208.718
175.0	1186.354	1188.724	1191.092	1193.462	1195.832	1198.200	1200.570	1202.939	1205.308	1207.678
177.5	1191.034	1192.363	1193.693	1195.022	1196.351	1197.681	1199.010	1200.339	1201.668	1202.997
180.0	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463

Vert. Angles

Horizontal Angles

	<u>25.0</u>	<u>27.5</u>	<u>30.0</u>	<u>32.5</u>	<u>35.0</u>	<u>37.5</u>	<u>40.0</u>	<u>42.5</u>	<u>45.0</u>	<u>47.5</u>
0.0	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535
2.5	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554
5.0	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573
7.5	1176.668	1176.668	1176.668	1176.668	1176.668	1176.668	1176.668	1176.668	1176.668	1176.668
10.0	1164.783	1164.783	1166.764	1166.764	1166.764	1166.764	1168.745	1168.745	1168.745	1168.745
12.5	1146.954	1146.954	1148.935	1148.935	1148.935	1150.916	1150.916	1150.916	1152.897	1150.916
15.0	1127.145	1129.126	1129.126	1131.107	1131.107	1133.088	1133.088	1135.069	1135.069	1135.069
17.5	1105.355	1105.355	1107.336	1107.336	1107.336	1107.336	1109.317	1109.317	1109.317	1109.317
20.0	1083.565	1083.565	1083.565	1083.565	1083.565	1083.565	1083.565	1083.565	1083.565	1083.565
22.5	1055.832	1055.832	1055.832	1055.832	1055.832	1055.832	1055.832	1055.832	1055.832	1055.832
25.0	1026.118	1026.118	1026.118	1026.118	1028.099	1028.099	1028.099	1028.099	1028.099	1028.099
27.5	994.423	994.423	994.423	994.423	994.423	994.423	994.423	994.423	994.423	994.423
30.0	962.729	962.729	962.729	962.729	960.748	960.748	960.748	960.748	960.748	960.748
32.5	925.091	923.110	923.110	921.129	921.129	919.148	919.148	917.167	917.167	917.167
35.0	885.473	883.492	881.511	879.530	879.530	877.549	875.568	873.587	871.606	871.606
37.5	843.873	841.892	839.911	839.911	837.930	835.949	833.969	833.969	831.988	831.988
40.0	800.293	800.293	798.312	798.312	796.331	796.331	794.350	794.350	792.369	792.369
42.5	758.693	756.713	756.713	756.713	756.713	754.732	754.732	754.732	754.732	754.732
45.0	715.113	715.113	715.113	715.113	715.113	715.113	715.113	715.113	715.113	715.113
47.5	673.514	673.514	673.514	673.514	673.514	673.514	673.514	673.514	673.514	673.514
50.0	633.895	633.895	633.895	633.895	631.914	631.914	631.914	631.914	631.914	631.914
52.5	590.315	590.315	590.315	590.315	590.315	590.315	590.315	590.315	590.315	588.334
55.0	546.735	546.735	546.735	546.735	546.735	546.735	546.735	546.735	546.735	546.735
57.5	499.193	499.193	499.193	499.193	499.193	499.193	499.193	499.193	501.173	501.173
60.0	449.670	449.670	451.650	451.650	451.650	451.650	453.631	453.631	453.631	455.612
62.5	406.089	406.089	408.070	408.070	408.070	408.070	410.051	410.051	410.051	410.051
65.0	362.509	362.509	364.490	364.490	364.490	364.490	366.471	366.471	366.471	366.471
67.5	318.929	320.909	320.909	320.909	322.890	322.890	322.890	324.871	324.871	324.871
70.0	275.348	277.329	277.329	279.310	279.310	281.291	281.291	283.272	283.272	283.272
72.5	237.711	237.711	239.692	239.692	241.673	241.673	243.654	243.654	245.635	245.635
75.0	198.092	198.092	200.073	202.054	202.054	204.035	206.016	206.016	207.997	207.997
77.5	156.493	158.474	160.455	162.436	164.417	166.398	166.398	168.379	170.359	170.359
80.0	116.874	118.855	120.836	122.817	124.798	126.779	128.760	130.741	132.722	132.722

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CANDELA TABULATION - (Cont.)

82.5	85.180	87.161	89.141	91.123	93.103	95.084	97.065	99.046	103.008	103.008
85.0	53.485	55.466	57.447	59.428	63.389	65.371	67.351	69.332	71.313	71.313
87.5	35.657	37.638	39.618	41.599	43.580	45.561	47.542	49.523	51.504	51.504
90.0	27.317	28.009	30.684	33.358	34.052	36.726	39.400	40.093	42.768	43.265
92.5	54.220	57.437	58.674	61.892	65.109	66.346	69.563	70.799	74.017	74.878
95.0	88.011	89.807	93.586	95.382	99.161	100.957	104.736	106.533	110.311	111.519
97.5	124.928	129.175	133.421	135.686	139.933	144.179	146.444	150.690	154.937	156.479
100.0	167.739	172.413	175.107	179.780	184.454	189.128	191.822	196.496	201.169	202.983
102.5	215.202	220.269	223.354	228.422	233.489	238.556	241.641	246.708	251.775	253.815
105.0	265.010	270.371	273.753	279.114	284.476	289.837	293.218	298.580	303.941	306.200
107.5	316.165	319.835	325.485	331.136	334.806	340.457	346.107	349.777	355.427	357.884
110.0	367.522	371.371	377.201	381.049	386.879	390.728	396.558	400.406	406.236	408.842
112.5	417.111	421.347	427.564	431.800	438.017	442.252	448.470	452.705	458.922	461.962
115.0	468.371	472.948	479.505	484.082	490.640	495.217	501.776	506.352	512.910	516.105
117.5	517.469	522.312	529.136	533.978	540.802	545.644	552.469	557.311	564.135	567.602
120.0	566.077	573.144	578.229	583.314	590.381	595.466	600.552	607.618	612.703	616.517
122.5	615.833	621.265	628.678	634.111	639.543	646.957	652.389	659.802	665.234	669.279
125.0	662.511	670.213	675.934	683.636	689.357	697.060	702.781	710.483	716.204	720.539
127.5	709.725	715.851	723.957	730.083	736.208	744.315	750.441	758.547	764.673	769.065
130.0	754.264	762.601	768.958	775.316	783.653	790.010	796.367	804.704	811.062	815.570
132.5	800.149	808.602	815.075	821.547	830.001	836.472	842.945	851.398	857.871	862.437
135.0	844.415	852.926	859.457	865.986	874.498	881.028	887.558	896.069	902.600	907.338
137.5	886.196	894.881	901.585	908.289	916.973	923.677	930.380	939.065	945.768	950.738
140.0	926.475	935.391	942.326	949.260	958.177	965.111	972.045	980.962	987.896	992.981
142.5	964.963	973.879	980.814	987.748	996.664	1003.598	1010.534	1019.449	1026.383	1031.584
145.0	1003.219	1011.904	1018.607	1025.312	1033.995	1040.700	1047.403	1056.088	1062.791	1068.050
147.5	1039.049	1045.695	1054.321	1060.967	1067.613	1074.259	1082.885	1089.532	1096.177	1101.262
150.0	1071.700	1078.230	1084.760	1091.290	1099.802	1106.331	1112.862	1119.392	1125.922	1130.834
152.5	1101.403	1107.472	1113.539	1119.607	1125.675	1131.743	1137.810	1143.878	1151.927	1156.723
155.0	1127.466	1133.072	1138.678	1144.283	1149.889	1155.494	1161.100	1166.705	1172.311	1176.877
157.5	1149.831	1154.916	1160.002	1165.087	1170.172	1175.258	1180.344	1185.429	1190.514	1194.791
160.0	1168.555	1173.120	1177.686	1182.251	1186.817	1191.381	1195.947	1200.512	1205.078	1208.950
162.5	1184.100	1188.088	1192.075	1196.063	1200.050	1204.037	1208.025	1212.012	1216.000	1219.467
165.0	1195.542	1199.009	1202.477	1205.944	1209.411	1212.879	1216.347	1219.814	1223.281	1226.459
167.5	1203.690	1206.465	1209.238	1212.012	1214.786	1217.560	1220.333	1223.108	1225.881	1228.655
170.0	1208.256	1210.394	1212.533	1214.671	1216.808	1218.947	1221.085	1223.223	1225.362	1227.558
172.5	1210.047	1211.376	1212.706	1214.035	1215.364	1216.693	1218.023	1219.351	1220.680	1222.414
175.0	1208.256	1208.833	1209.411	1209.989	1210.567	1211.145	1211.723	1212.300	1212.879	1214.092
177.5	1202.824	1202.650	1202.477	1202.303	1202.130	1201.957	1201.783	1201.610	1201.436	1202.072
180.0	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463

Vert. Horizontal Angles

	<u>50.0</u>	<u>52.5</u>	<u>55.0</u>	<u>57.5</u>	<u>60.0</u>	<u>62.5</u>	<u>65.0</u>	<u>67.5</u>	<u>70.0</u>	<u>72.5</u>
0.0	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535
2.5	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1186.573	1186.573
5.0	1186.573	1186.573	1186.573	1184.592	1184.592	1184.592	1184.592	1184.592	1184.592	1184.592
7.5	1176.668	1176.668	1176.668	1176.668	1176.668	1174.687	1174.687	1174.687	1174.687	1174.687
10.0	1168.745	1166.764	1166.764	1166.764	1166.764	1164.783	1164.783	1164.783	1164.783	1164.783
12.5	1150.916	1150.916	1148.935	1148.935	1148.935	1146.954	1146.954	1146.954	1146.954	1146.954
15.0	1133.088	1133.088	1131.107	1131.107	1129.126	1129.126	1127.145	1127.145	1127.145	1127.145
17.5	1107.336	1107.336	1107.336	1107.336	1105.355	1105.355	1105.355	1105.355	1103.374	1103.374
20.0	1083.565	1083.565	1083.565	1081.584	1081.584	1081.584	1081.584	1081.584	1081.584	1081.584
22.5	1055.832	1055.832	1055.832	1053.851	1053.851	1053.851	1053.851	1053.851	1053.851	1053.851
25.0	1028.099	1028.099	1028.099	1026.118	1026.118	1026.118	1026.118	1026.118	1026.118	1026.118
27.5	994.423	994.423	992.442	992.442	992.442	992.442	992.442	992.442	990.462	990.462

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CANDELA TABULATION - (Cont.)

30.0	960.748	958.767	958.767	958.767	958.767	956.786	956.786	956.786	956.786	956.786
32.5	917.167	917.167	917.167	917.167	917.167	917.167	917.167	917.167	917.167	917.167
35.0	873.587	873.587	873.587	875.568	875.568	875.568	877.549	877.549	877.549	875.568
37.5	833.969	833.969	833.969	833.969	835.949	835.949	835.949	837.930	835.949	835.949
40.0	792.369	794.350	794.350	794.350	794.350	796.331	796.331	796.331	796.331	794.350
42.5	754.732	754.732	754.732	756.713	756.713	756.713	756.713	758.693	756.713	756.713
45.0	715.113	717.094	717.094	717.094	717.094	719.075	719.075	719.075	719.075	717.094
47.5	673.514	673.514	673.514	673.514	673.514	673.514	673.514	671.533	671.533	671.533
50.0	629.933	629.933	629.933	627.953	627.953	627.953	625.972	625.972	625.972	627.953
52.5	588.334	588.334	586.353	586.353	586.353	586.353	584.372	584.372	584.372	586.353
55.0	546.735	544.754	544.754	544.754	544.754	542.773	542.773	542.773	542.773	542.773
57.5	501.173	501.173	501.173	503.154	503.154	503.154	503.154	505.135	503.154	503.154
60.0	455.612	457.593	459.574	459.574	461.555	463.536	463.536	465.517	463.536	463.536
62.5	412.032	412.032	414.013	414.013	415.994	415.994	417.975	417.975	417.975	415.994
65.0	366.471	368.452	368.452	368.452	368.452	370.433	370.433	370.433	370.433	370.433
67.5	326.852	326.852	326.852	328.833	328.833	328.833	330.814	330.814	330.814	330.814
70.0	285.253	285.253	287.234	287.234	289.215	289.215	291.196	291.196	291.196	291.196
72.5	247.615	247.615	247.615	247.615	249.596	249.596	249.596	251.577	251.577	251.577
75.0	207.997	207.997	207.997	209.978	209.978	209.978	209.978	209.978	209.978	211.959
77.5	172.340	172.340	172.340	172.340	174.321	174.321	174.321	176.302	176.302	176.302
80.0	134.703	134.703	136.684	136.684	138.665	138.665	140.645	140.645	140.645	140.645
82.5	103.008	104.989	104.989	106.970	106.970	108.951	108.951	110.932	110.932	110.932
85.0	73.294	73.294	75.275	75.275	77.256	77.256	79.237	79.237	79.237	81.218
87.5	51.504	53.485	53.485	55.466	55.466	57.447	57.447	59.428	59.428	59.428
90.0	45.743	46.240	48.717	49.215	51.693	52.189	54.668	55.165	55.396	55.627
92.5	77.720	78.581	81.424	82.285	83.146	85.988	86.849	89.691	89.998	90.303
95.0	114.708	115.915	117.123	120.312	121.520	122.727	125.916	127.124	127.511	129.880
97.5	158.023	161.546	163.089	164.633	168.156	169.699	173.223	174.766	175.251	175.736
100.0	206.780	208.594	212.390	214.204	218.000	219.814	223.610	225.424	225.921	226.419
102.5	257.836	259.876	263.897	265.936	267.976	271.998	274.037	278.058	278.567	279.075
105.0	310.441	312.701	314.961	319.201	321.461	323.720	327.961	330.221	330.828	331.434
107.5	362.320	364.776	369.214	371.669	374.125	378.563	381.018	385.455	386.120	386.784
110.0	413.429	416.036	420.623	423.229	427.816	430.423	435.010	437.616	438.327	439.038
112.5	466.983	470.022	475.043	478.083	481.123	486.143	489.183	494.204	494.914	495.625
115.0	521.282	524.478	527.673	532.850	536.045	539.241	544.418	547.613	548.423	549.231
117.5	571.070	576.518	579.985	583.452	588.901	592.369	595.836	601.284	602.094	602.902
120.0	622.312	626.126	629.941	635.736	639.550	643.364	649.159	652.973	653.841	654.707
122.5	675.306	679.350	683.395	689.422	693.467	697.512	703.538	707.583	708.508	709.432
125.0	726.853	731.188	735.522	741.836	746.171	750.505	756.820	761.154	762.080	763.004
127.5	775.438	779.830	784.221	790.595	794.986	799.378	805.751	810.143	811.299	812.455
130.0	822.058	826.565	831.072	837.561	842.068	846.576	853.064	857.572	858.785	860.000
132.5	868.982	873.548	878.113	882.679	889.225	893.790	898.355	904.902	906.173	907.445
135.0	912.077	918.796	923.536	928.274	933.013	939.732	944.471	949.210	950.596	951.983
137.5	955.708	960.678	965.647	972.599	977.568	982.538	987.509	992.478	993.923	995.367
140.0	998.067	1003.153	1008.238	1013.324	1018.409	1023.494	1028.581	1033.666	1034.995	1036.323
142.5	1036.785	1041.987	1047.188	1052.388	1057.589	1062.791	1067.992	1075.174	1076.618	1078.063
145.0	1073.308	1078.568	1083.826	1091.066	1096.325	1101.584	1106.843	1112.102	1113.662	1115.222
147.5	1106.347	1113.414	1118.500	1123.585	1128.670	1133.756	1138.841	1145.907	1147.467	1149.028
150.0	1135.747	1142.639	1147.551	1152.464	1157.376	1164.268	1169.181	1174.092	1175.595	1177.097
152.5	1161.521	1166.317	1171.114	1175.910	1182.688	1187.484	1192.281	1197.077	1198.579	1200.082
155.0	1181.441	1186.007	1190.572	1197.119	1201.684	1206.249	1210.814	1215.380	1216.766	1218.153
157.5	1199.068	1203.343	1207.620	1213.878	1218.154	1222.430	1226.707	1230.983	1232.312	1233.641
160.0	1212.822	1216.694	1220.566	1226.418	1230.289	1234.161	1238.033	1241.905	1243.234	1244.563
162.5	1222.934	1226.401	1229.869	1233.337	1236.804	1240.271	1243.738	1249.187	1250.342	1251.498
165.0	1229.637	1232.816	1235.995	1239.173	1242.351	1245.530	1248.708	1251.886	1252.811	1253.735
167.5	1231.429	1234.203	1236.976	1239.751	1242.524	1245.299	1248.072	1250.846	1251.772	1252.696

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CANDELA TABULATION - (Cont.)

170.0	1229.754	1231.949	1234.145	1236.341	1238.538	1240.733	1242.929	1245.125	1245.993	1246.859
172.5	1224.148	1225.881	1227.615	1229.349	1231.083	1232.816	1234.550	1236.284	1236.862	1237.439
175.0	1215.306	1216.519	1217.732	1218.947	1220.160	1221.373	1222.587	1223.801	1224.090	1224.379
177.5	1202.707	1203.343	1203.979	1204.614	1205.250	1205.886	1206.521	1207.157	1207.389	1207.620
180.0	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463

**Vert.
Angles**

Horizontal Angles

	75.0	77.5	80.0	82.5	85.0	87.5	90.0	92.5	95.0	97.5
0.0	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535
2.5	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573
5.0	1184.592	1184.592	1182.611	1182.611	1182.611	1182.611	1182.611	1182.611	1182.611	1182.611
7.5	1174.687	1174.687	1174.687	1174.687	1174.687	1174.687	1174.687	1174.687	1174.687	1174.687
10.0	1164.783	1164.783	1166.764	1166.764	1166.764	1166.764	1166.764	1166.764	1166.764	1166.764
12.5	1146.954	1146.954	1146.954	1146.954	1146.954	1146.954	1146.954	1146.954	1146.954	1146.954
15.0	1127.145	1127.145	1127.145	1127.145	1127.145	1127.145	1127.145	1127.145	1127.145	1127.145
17.5	1103.374	1103.374	1103.374	1103.374	1103.374	1103.374	1103.374	1103.374	1103.374	1103.374
20.0	1081.584	1081.584	1079.603	1079.603	1079.603	1079.603	1079.603	1079.603	1079.603	1079.603
22.5	1053.851	1051.870	1051.870	1051.870	1051.870	1051.870	1051.870	1051.870	1051.870	1051.870
25.0	1024.137	1024.137	1024.137	1024.137	1022.156	1022.156	1022.156	1022.156	1022.156	1024.137
27.5	990.462	990.462	990.462	990.462	988.481	988.481	988.481	988.481	988.481	990.462
30.0	956.786	956.786	954.805	954.805	954.805	954.805	954.805	954.805	954.805	954.805
32.5	915.186	915.186	915.186	915.186	913.206	913.206	913.206	913.206	913.206	915.186
35.0	875.568	875.568	873.587	873.587	873.587	871.606	871.606	871.606	873.587	873.587
37.5	835.949	833.969	833.969	833.969	831.988	831.988	831.988	831.988	831.988	833.969
40.0	794.350	794.350	792.369	792.369	792.369	790.388	790.388	790.388	792.369	792.369
42.5	754.732	754.732	754.732	752.751	752.751	750.770	750.770	750.770	752.751	752.751
45.0	717.094	715.113	715.113	713.132	713.132	711.151	711.151	711.151	713.132	713.132
47.5	671.533	671.533	671.533	671.533	671.533	671.533	671.533	671.533	671.533	671.533
50.0	627.953	627.953	629.933	629.933	629.933	631.914	631.914	631.914	629.933	629.933
52.5	586.353	586.353	586.353	588.334	588.334	588.334	590.315	588.334	588.334	588.334
55.0	544.754	544.754	544.754	544.754	546.735	546.735	546.735	546.735	546.735	544.754
57.5	503.154	503.154	501.173	501.173	501.173	501.173	501.173	501.173	501.173	501.173
60.0	461.555	459.574	459.574	457.593	455.612	455.612	453.631	455.612	455.612	457.593
62.5	415.994	415.994	415.994	414.013	414.013	414.013	414.013	414.013	414.013	414.013
65.0	370.433	370.433	372.413	372.413	372.413	372.413	372.413	372.413	372.413	372.413
67.5	330.814	330.814	332.795	332.795	332.795	332.795	332.795	332.795	332.795	332.795
70.0	291.196	291.196	293.177	293.177	293.177	293.177	293.177	293.177	293.177	293.177
72.5	251.577	253.558	253.558	253.558	253.558	255.539	255.539	255.539	253.558	253.558
75.0	211.959	213.940	213.940	215.921	215.921	217.901	217.901	217.901	215.921	215.921
77.5	178.283	178.283	178.283	180.264	180.264	180.264	182.245	180.264	180.264	180.264
80.0	142.626	142.626	142.626	142.626	144.607	144.607	144.607	144.607	144.607	142.626
82.5	110.932	112.913	112.913	112.913	112.913	114.894	114.894	114.894	112.913	112.913
85.0	81.218	81.218	83.199	83.199	83.199	85.180	85.180	85.180	83.199	83.199
87.5	59.428	61.409	61.409	61.409	61.409	63.389	63.389	63.389	61.409	61.409
90.0	57.839	58.071	58.301	58.532	60.744	60.976	61.207	60.976	60.744	58.532
92.5	90.610	92.897	93.203	93.510	93.816	96.103	96.410	96.103	93.816	93.510
95.0	130.267	130.654	133.022	133.409	133.797	136.165	136.552	136.165	133.797	133.409
97.5	178.203	178.688	179.174	179.660	180.145	180.630	183.096	180.630	180.145	179.660
100.0	226.915	227.412	227.910	228.406	228.903	229.401	229.897	229.401	228.903	228.406
102.5	279.584	280.092	280.601	281.109	281.618	282.126	284.616	282.126	281.618	281.109
105.0	334.022	334.629	335.235	335.842	338.430	339.036	339.643	339.036	338.430	335.842
107.5	387.449	388.114	388.778	391.424	392.089	392.752	393.417	392.752	392.089	391.424
110.0	439.749	440.460	443.151	443.863	444.573	445.284	445.995	445.284	444.573	443.863
112.5	496.336	497.047	497.758	498.469	499.179	499.891	502.582	499.891	499.179	498.469
115.0	550.041	550.849	553.640	554.449	555.258	556.067	556.876	556.067	555.258	554.449

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CANDELA TABULATION - (Cont.)

117.5	603.712	604.520	605.330	608.119	608.928	609.738	610.547	609.738	608.928	608.119
120.0	657.555	658.421	659.289	660.155	663.003	663.870	664.737	663.870	663.003	660.155
122.5	712.338	713.263	714.188	715.112	716.037	716.962	719.867	716.962	716.037	715.112
125.0	763.928	764.853	767.758	768.683	769.607	770.532	771.456	770.532	769.607	768.683
127.5	813.610	814.766	817.903	819.059	820.215	821.371	822.526	821.371	820.215	819.059
130.0	861.213	862.426	865.621	866.834	868.048	869.262	870.475	869.262	868.048	866.834
132.5	908.716	909.987	911.259	912.530	913.801	915.073	918.325	915.073	913.801	912.530
135.0	953.371	954.758	958.125	959.512	960.899	962.286	963.673	962.286	960.899	959.512
137.5	996.813	998.257	1001.682	1003.127	1004.572	1006.017	1007.461	1006.017	1004.572	1003.127
140.0	1037.653	1038.982	1042.292	1043.621	1044.951	1046.280	1047.608	1046.280	1044.951	1043.621
142.5	1079.508	1080.953	1082.397	1083.841	1085.287	1086.732	1090.157	1086.732	1085.287	1083.841
145.0	1116.782	1118.342	1121.884	1123.444	1125.005	1126.565	1128.125	1126.565	1125.005	1123.444
147.5	1150.589	1152.149	1153.709	1155.269	1156.830	1158.390	1159.951	1158.390	1156.830	1155.269
150.0	1178.601	1180.103	1181.605	1183.108	1184.611	1186.113	1187.616	1186.113	1184.611	1183.108
152.5	1201.585	1203.087	1204.590	1206.092	1207.595	1209.098	1210.600	1209.098	1207.595	1206.092
155.0	1219.541	1220.928	1222.314	1223.701	1225.089	1226.475	1227.862	1226.475	1225.089	1223.701
157.5	1234.971	1236.300	1237.629	1238.957	1240.287	1241.616	1242.945	1241.616	1240.287	1238.957
160.0	1245.893	1247.222	1248.551	1249.879	1251.209	1252.538	1253.867	1252.538	1251.209	1249.879
162.5	1252.654	1253.809	1254.966	1256.121	1257.276	1258.433	1259.588	1258.433	1257.276	1256.121
165.0	1254.660	1255.585	1256.510	1257.434	1258.359	1259.283	1260.208	1259.283	1258.359	1257.434
167.5	1253.621	1254.545	1255.470	1256.394	1257.319	1258.243	1259.168	1258.243	1257.319	1256.394
170.0	1247.726	1248.592	1249.460	1250.326	1251.193	1252.060	1252.927	1252.060	1251.193	1250.326
172.5	1238.017	1238.595	1239.173	1239.751	1240.329	1240.906	1241.485	1240.906	1240.329	1239.751
175.0	1224.668	1224.957	1225.245	1225.534	1225.823	1226.112	1226.401	1226.112	1225.823	1225.534
177.5	1207.851	1208.082	1208.313	1208.544	1208.775	1209.007	1209.238	1209.007	1208.775	1208.544
180.0	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463

Vert. Angles

Horizontal Angles

	<u>100.0</u>	<u>102.5</u>	<u>105.0</u>	<u>107.5</u>	<u>110.0</u>	<u>112.5</u>	<u>115.0</u>	<u>117.5</u>	<u>120.0</u>	<u>122.5</u>
0.0	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535
2.5	1186.573	1186.573	1186.573	1186.573	1186.573	1188.554	1188.554	1188.554	1188.554	1188.554
5.0	1182.611	1184.592	1184.592	1184.592	1184.592	1184.592	1184.592	1184.592	1184.592	1184.592
7.5	1174.687	1174.687	1174.687	1174.687	1174.687	1174.687	1174.687	1174.687	1176.668	1176.668
10.0	1166.764	1164.783	1164.783	1164.783	1164.783	1164.783	1164.783	1164.783	1166.764	1166.764
12.5	1146.954	1146.954	1146.954	1146.954	1146.954	1146.954	1146.954	1146.954	1148.935	1148.935
15.0	1127.145	1127.145	1127.145	1127.145	1127.145	1127.145	1127.145	1129.126	1129.126	1131.107
17.5	1103.374	1103.374	1103.374	1103.374	1103.374	1105.355	1105.355	1105.355	1105.355	1107.336
20.0	1079.603	1081.584	1081.584	1081.584	1081.584	1081.584	1081.584	1081.584	1081.584	1081.584
22.5	1051.870	1051.870	1053.851	1053.851	1053.851	1053.851	1053.851	1053.851	1053.851	1053.851
25.0	1024.137	1024.137	1024.137	1026.118	1026.118	1026.118	1026.118	1026.118	1026.118	1026.118
27.5	990.462	990.462	990.462	990.462	990.462	992.442	992.442	992.442	992.442	992.442
30.0	954.805	956.786	956.786	956.786	956.786	956.786	956.786	956.786	958.767	958.767
32.5	915.186	915.186	915.186	917.167	917.167	917.167	917.167	917.167	917.167	917.167
35.0	873.587	875.568	875.568	875.568	877.549	877.549	877.549	875.568	875.568	875.568
37.5	833.969	833.969	835.949	835.949	835.949	837.930	835.949	835.949	835.949	833.969
40.0	792.369	794.350	794.350	794.350	796.331	796.331	796.331	796.331	794.350	794.350
42.5	754.732	754.732	754.732	756.713	756.713	758.693	756.713	756.713	756.713	756.713
45.0	715.113	715.113	717.094	717.094	719.075	719.075	719.075	719.075	717.094	717.094
47.5	671.533	671.533	671.533	671.533	671.533	673.514	673.514	673.514	673.514	673.514
50.0	629.933	627.953	627.953	627.953	625.972	625.972	625.972	627.953	627.953	627.953
52.5	586.353	586.353	586.353	586.353	584.372	584.372	584.372	586.353	586.353	586.353
55.0	544.754	544.754	544.754	542.773	542.773	542.773	542.773	542.773	544.754	544.754
57.5	501.173	503.154	503.154	503.154	503.154	505.135	503.154	503.154	503.154	503.154
60.0	459.574	459.574	461.555	463.536	463.536	465.517	463.536	463.536	461.555	459.574
62.5	415.994	415.994	415.994	415.994	417.975	417.975	417.975	415.994	415.994	414.013

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX4UD-4-00-L8-835U-L8-835D-ASYUP-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

65.0	372.413	370.433	370.433	370.433	370.433	370.433	370.433	370.433	368.452	368.452
67.5	332.795	330.814	330.814	330.814	330.814	330.814	330.814	328.833	328.833	328.833
70.0	293.177	291.196	291.196	291.196	291.196	291.196	291.196	289.215	289.215	287.234
72.5	253.558	253.558	251.577	251.577	251.577	251.577	249.596	249.596	249.596	247.615
75.0	213.940	213.940	211.959	211.959	209.978	209.978	209.978	209.978	209.978	209.978
77.5	178.283	178.283	178.283	176.302	176.302	176.302	174.321	174.321	174.321	172.340
80.0	142.626	142.626	142.626	140.645	140.645	140.645	140.645	138.665	138.665	136.684
82.5	112.913	112.913	110.932	110.932	110.932	110.932	108.951	108.951	106.970	106.970
85.0	83.199	81.218	81.218	81.218	79.237	79.237	79.237	77.256	77.256	75.275
87.5	61.409	61.409	59.428	59.428	59.428	59.428	57.447	57.447	55.466	55.466
90.0	58.301	58.071	57.839	55.627	55.396	55.165	54.668	52.189	51.693	49.215
92.5	93.203	92.897	90.610	90.303	89.998	89.691	86.849	85.988	83.146	82.285
95.0	133.022	130.654	130.267	129.880	127.511	127.124	125.916	122.727	121.520	120.312
97.5	179.174	178.688	178.203	175.736	175.251	174.766	173.223	169.699	168.156	164.633
100.0	227.910	227.412	226.915	226.419	225.921	225.424	223.610	219.814	218.000	214.204
102.5	280.601	280.092	279.584	279.075	278.567	278.058	274.037	271.998	267.976	265.936
105.0	335.235	334.629	334.022	331.434	330.828	330.221	327.961	323.720	321.461	319.201
107.5	388.778	388.114	387.449	386.784	386.120	385.455	381.018	378.563	374.125	371.669
110.0	443.151	440.460	439.749	439.038	438.327	437.616	435.010	430.423	427.816	423.229
112.5	497.758	497.047	496.336	495.625	494.914	494.204	489.183	486.143	481.123	478.083
115.0	553.640	550.849	550.041	549.231	548.423	547.613	544.418	539.241	536.045	532.850
117.5	605.330	604.520	603.712	602.902	602.094	601.284	595.836	592.369	588.901	583.452
120.0	659.289	658.421	657.555	654.707	653.841	652.973	649.159	643.364	639.550	635.736
122.5	714.188	713.263	712.338	709.432	708.508	707.583	703.538	697.512	693.467	689.422
125.0	767.758	764.853	763.928	763.004	762.080	761.154	756.820	750.505	746.171	741.836
127.5	817.903	814.766	813.610	812.455	811.298	810.143	805.750	799.378	794.986	790.595
130.0	865.621	862.426	861.213	860.000	858.785	857.572	853.064	846.576	842.068	837.561
132.5	911.259	909.987	908.716	907.445	906.173	904.902	898.355	893.790	889.225	882.679
135.0	958.125	954.758	953.371	951.983	950.596	949.210	944.471	939.732	933.013	928.274
137.5	1001.682	998.257	996.813	995.367	993.923	992.478	987.509	982.538	977.568	972.599
140.0	1042.292	1038.982	1037.653	1036.323	1034.995	1033.666	1028.581	1023.494	1018.409	1013.324
142.5	1082.397	1080.953	1079.508	1078.063	1076.618	1075.174	1067.992	1062.791	1057.589	1052.388
145.0	1121.884	1118.342	1116.782	1115.222	1113.662	1112.102	1106.843	1101.584	1096.325	1091.066
147.5	1153.709	1152.149	1150.589	1149.028	1147.467	1145.907	1138.841	1133.756	1128.670	1123.585
150.0	1181.605	1180.103	1178.601	1177.097	1175.595	1174.092	1169.181	1164.268	1157.376	1152.464
152.5	1204.590	1203.087	1201.585	1200.082	1198.579	1197.077	1192.281	1187.484	1182.688	1175.910
155.0	1222.314	1220.928	1219.541	1218.153	1216.766	1215.380	1210.814	1206.249	1201.684	1197.119
157.5	1237.629	1236.300	1234.971	1233.641	1232.312	1230.983	1226.707	1222.430	1218.154	1213.878
160.0	1248.551	1247.222	1245.893	1244.563	1243.234	1241.905	1238.033	1234.161	1230.289	1226.418
162.5	1254.966	1253.809	1252.654	1251.498	1250.342	1249.187	1243.738	1240.271	1236.804	1233.337
165.0	1256.510	1255.585	1254.660	1253.735	1252.811	1251.886	1248.708	1245.530	1242.351	1239.173
167.5	1255.470	1254.545	1253.621	1252.696	1251.772	1250.846	1248.072	1245.299	1242.524	1239.751
170.0	1249.460	1248.592	1247.726	1246.859	1245.993	1245.125	1242.929	1240.733	1238.538	1236.341
172.5	1239.173	1238.595	1238.017	1237.439	1236.862	1236.284	1234.550	1232.816	1231.083	1229.349
175.0	1225.245	1224.957	1224.668	1224.379	1224.090	1223.801	1222.587	1221.373	1220.160	1218.947
177.5	1208.313	1208.082	1207.851	1207.620	1207.389	1207.157	1206.521	1205.886	1205.250	1204.614
180.0	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463

Vert. Horizontal Angles

Angles	<u>125.0</u>	<u>127.5</u>	<u>130.0</u>	<u>132.5</u>	<u>135.0</u>	<u>137.5</u>	<u>140.0</u>	<u>142.5</u>	<u>145.0</u>	<u>147.5</u>
0.0	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535
2.5	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554
5.0	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573
7.5	1176.668	1176.668	1176.668	1176.668	1178.649	1176.668	1176.668	1176.668	1176.668	1176.668
10.0	1166.764	1166.764	1168.745	1168.745	1168.745	1168.745	1168.745	1166.764	1166.764	1166.764

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PHOTOMETRIC FILENAME : MX4UD-4-00-L8-835U-L8-835D-ASYUP-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

12.5	1148.935	1150.916	1150.916	1150.916	1152.897	1150.916	1150.916	1150.916	1148.935	1148.935
15.0	1131.107	1133.088	1133.088	1135.069	1135.069	1135.069	1133.088	1133.088	1131.107	1131.107
17.5	1107.336	1107.336	1107.336	1109.317	1109.317	1109.317	1109.317	1107.336	1107.336	1107.336
20.0	1083.565	1083.565	1083.565	1083.565	1083.565	1083.565	1083.565	1083.565	1083.565	1083.565
22.5	1055.832	1055.832	1055.832	1055.832	1055.832	1055.832	1055.832	1055.832	1055.832	1055.832
25.0	1028.099	1028.099	1028.099	1028.099	1028.099	1028.099	1028.099	1028.099	1028.099	1026.118
27.5	992.442	994.423	994.423	994.423	994.423	994.423	994.423	994.423	994.423	994.423
30.0	958.767	958.767	960.748	960.748	960.748	960.748	960.748	960.748	960.748	962.729
32.5	917.167	917.167	917.167	917.167	917.167	917.167	919.148	919.148	921.129	921.129
35.0	873.587	873.587	873.587	871.606	871.606	873.587	875.568	877.549	879.530	879.530
37.5	833.969	833.969	833.969	831.988	831.988	833.969	833.969	835.949	837.930	839.911
40.0	794.350	794.350	792.369	792.369	792.369	794.350	794.350	796.331	796.331	798.312
42.5	754.732	754.732	754.732	754.732	754.732	754.732	754.732	754.732	756.713	756.713
45.0	717.094	717.094	715.113	715.113	715.113	715.113	715.113	715.113	715.113	715.113
47.5	673.514	673.514	673.514	673.514	673.514	673.514	673.514	673.514	673.514	673.514
50.0	629.933	629.933	629.933	631.914	631.914	631.914	631.914	631.914	631.914	633.895
52.5	586.353	588.334	588.334	588.334	590.315	590.315	590.315	590.315	590.315	590.315
55.0	544.754	544.754	546.735	546.735	546.735	546.735	546.735	546.735	546.735	546.735
57.5	501.173	501.173	501.173	501.173	501.173	499.193	499.193	499.193	499.193	499.193
60.0	459.574	457.593	455.612	455.612	453.631	453.631	453.631	451.650	451.650	451.650
62.5	414.013	412.032	412.032	410.051	410.051	410.051	410.051	408.070	408.070	408.070
65.0	368.452	368.452	366.471	366.471	366.471	366.471	366.471	364.490	364.490	364.490
67.5	326.852	326.852	326.852	324.871	324.871	324.871	322.890	322.890	322.890	320.909
70.0	287.234	285.253	285.253	283.272	283.272	283.272	281.291	281.291	279.310	279.310
72.5	247.615	247.615	247.615	245.635	245.635	243.654	243.654	241.673	241.673	239.692
75.0	207.997	207.997	207.997	207.997	207.997	206.016	206.016	204.035	202.054	202.054
77.5	172.340	172.340	172.340	170.359	170.359	168.379	166.398	166.398	164.417	162.436
80.0	136.684	134.703	134.703	132.722	132.722	130.741	128.760	126.779	124.798	122.817
82.5	104.989	104.989	103.008	103.008	103.008	99.046	97.065	95.084	93.103	91.123
85.0	75.275	73.294	73.294	71.313	71.313	69.332	67.351	65.371	63.389	59.428
87.5	53.485	53.485	51.504	51.504	51.504	49.523	47.542	45.561	43.580	41.599
90.0	48.717	46.240	45.743	43.265	42.768	40.093	39.400	36.726	34.052	33.358
92.5	81.424	78.581	77.720	74.878	74.017	70.799	69.563	66.346	65.109	61.892
95.0	117.123	115.915	114.708	111.519	110.311	106.533	104.736	100.957	99.161	95.382
97.5	163.089	161.546	158.023	156.479	154.937	150.690	146.444	144.179	139.933	135.686
100.0	212.390	208.594	206.780	202.983	201.169	196.496	191.822	189.128	184.454	179.780
102.5	263.897	259.876	257.836	253.815	251.775	246.708	241.641	238.556	233.489	228.422
105.0	314.961	312.701	310.441	306.200	303.941	298.580	293.218	289.837	284.476	279.114
107.5	369.214	364.776	362.320	357.884	355.427	349.777	346.107	340.457	334.806	331.136
110.0	420.623	416.036	413.429	408.842	406.236	400.406	396.558	390.728	386.879	381.049
112.5	475.043	470.022	466.983	461.962	458.922	452.705	448.470	442.252	438.017	431.800
115.0	527.673	524.478	521.282	516.105	512.910	506.352	501.776	495.217	490.640	484.082
117.5	579.985	576.518	571.070	567.602	564.135	557.311	552.469	545.644	540.802	533.978
120.0	629.941	626.126	622.312	616.517	612.703	607.618	600.552	595.466	590.381	583.314
122.5	683.395	679.350	675.306	669.279	665.234	659.802	652.389	646.957	639.543	634.111
125.0	735.522	731.188	726.853	720.539	716.204	710.483	702.781	697.060	689.357	683.636
127.5	784.221	779.830	775.438	769.065	764.673	758.547	750.440	744.315	736.208	730.083
130.0	831.072	826.565	822.058	815.570	811.062	804.704	796.367	790.010	783.653	775.316
132.5	878.113	873.548	868.982	862.437	857.871	851.398	842.945	836.472	830.001	821.547
135.0	923.536	918.796	912.077	907.338	902.600	896.069	887.558	881.028	874.498	865.986
137.5	965.647	960.678	955.708	950.738	945.768	939.065	930.380	923.677	916.973	908.289
140.0	1008.238	1003.153	998.067	992.981	987.896	980.962	972.045	965.111	958.177	949.260
142.5	1047.188	1041.987	1036.785	1031.584	1026.383	1019.449	1010.534	1003.598	996.664	987.748
145.0	1083.826	1078.568	1073.308	1068.050	1062.791	1056.088	1047.403	1040.700	1033.995	1025.312
147.5	1118.500	1113.414	1106.347	1101.262	1096.177	1089.532	1082.885	1074.259	1067.613	1060.967
150.0	1147.551	1142.639	1135.747	1130.834	1125.922	1119.392	1112.862	1106.331	1099.802	1091.290

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CANDELA TABULATION - (Cont.)

152.5	1171.114	1166.317	1161.521	1156.723	1151.927	1143.878	1137.810	1131.743	1125.675	1119.607
155.0	1190.572	1186.007	1181.441	1176.877	1172.311	1166.705	1161.100	1155.494	1149.889	1144.283
157.5	1207.620	1203.343	1199.068	1194.791	1190.514	1185.429	1180.344	1175.258	1170.172	1165.087
160.0	1220.566	1216.694	1212.822	1208.950	1205.078	1200.512	1195.947	1191.381	1186.817	1182.251
162.5	1229.869	1226.401	1222.934	1219.467	1216.000	1212.012	1208.025	1204.037	1200.050	1196.063
165.0	1235.995	1232.816	1229.637	1226.459	1223.281	1219.814	1216.347	1212.879	1209.411	1205.944
167.5	1236.976	1234.203	1231.429	1228.655	1225.881	1223.108	1220.333	1217.560	1214.786	1212.012
170.0	1234.145	1231.949	1229.754	1227.558	1225.362	1223.223	1221.085	1218.947	1216.808	1214.671
172.5	1227.615	1225.881	1224.148	1222.414	1220.680	1219.351	1218.023	1216.693	1215.364	1214.035
175.0	1217.732	1216.519	1215.306	1214.092	1212.879	1212.300	1211.723	1211.145	1210.567	1209.989
177.5	1203.979	1203.343	1202.707	1202.072	1201.436	1201.610	1201.783	1201.957	1202.130	1202.303
180.0	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463

Vert.
Angles

Horizontal Angles

	<u>150.0</u>	<u>152.5</u>	<u>155.0</u>	<u>157.5</u>	<u>160.0</u>	<u>162.5</u>	<u>165.0</u>	<u>167.5</u>	<u>170.0</u>	<u>172.5</u>
0.0	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535
2.5	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554
5.0	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573
7.5	1176.668	1176.668	1176.668	1176.668	1176.668	1176.668	1176.668	1176.668	1176.668	1176.668
10.0	1166.764	1164.783	1164.783	1164.783	1164.783	1164.783	1164.783	1164.783	1166.764	1166.764
12.5	1148.935	1146.954	1146.954	1146.954	1146.954	1146.954	1146.954	1148.935	1148.935	1148.935
15.0	1129.126	1129.126	1127.145	1127.145	1127.145	1129.126	1129.126	1131.107	1131.107	1133.088
17.5	1107.336	1105.355	1105.355	1105.355	1105.355	1107.336	1107.336	1107.336	1107.336	1109.317
20.0	1083.565	1083.565	1083.565	1083.565	1083.565	1083.565	1083.565	1083.565	1085.546	1085.546
22.5	1055.832	1055.832	1055.832	1055.832	1055.832	1055.832	1055.832	1055.832	1055.832	1057.813
25.0	1026.118	1026.118	1026.118	1026.118	1026.118	1026.118	1028.099	1028.099	1028.099	1028.099
27.5	994.423	994.423	994.423	994.423	994.423	994.423	994.423	994.423	996.404	996.404
30.0	962.729	962.729	962.729	962.729	962.729	962.729	962.729	962.729	962.729	962.729
32.5	923.110	923.110	925.091	925.091	925.091	925.091	925.091	925.091	925.091	925.091
35.0	881.511	883.492	885.473	887.453	887.453	887.453	887.453	887.453	887.453	887.453
37.5	839.911	841.892	843.873	845.854	845.854	845.854	845.854	845.854	845.854	845.854
40.0	798.312	800.293	800.293	802.274	802.274	802.274	802.274	802.274	804.255	804.255
42.5	756.713	756.713	758.693	758.693	758.693	758.693	758.693	758.693	760.674	760.674
45.0	715.113	715.113	715.113	715.113	715.113	715.113	715.113	715.113	717.094	717.094
47.5	673.514	673.514	673.514	675.495	673.514	673.514	673.514	673.514	673.514	673.514
50.0	633.895	633.895	633.895	633.895	633.895	631.914	631.914	629.933	629.933	627.953
52.5	590.315	590.315	590.315	590.315	590.315	588.334	588.334	588.334	588.334	586.353
55.0	546.735	546.735	546.735	546.735	546.735	546.735	546.735	546.735	544.754	544.754
57.5	499.193	499.193	499.193	499.193	499.193	499.193	499.193	499.193	499.193	499.193
60.0	451.650	449.670	449.670	449.670	449.670	449.670	449.670	449.670	451.650	451.650
62.5	408.070	406.089	406.089	406.089	406.089	406.089	406.089	406.089	408.070	408.070
65.0	364.490	362.509	362.509	362.509	362.509	362.509	362.509	362.509	364.490	364.490
67.5	320.909	320.909	318.929	318.929	318.929	318.929	318.929	318.929	316.948	316.948
70.0	277.329	277.329	275.348	275.348	275.348	273.367	273.367	273.367	271.387	271.387
72.5	239.692	237.711	237.711	235.730	235.730	233.749	233.749	231.768	231.768	231.768
75.0	200.073	198.092	198.092	196.111	196.111	194.131	194.131	192.149	192.149	190.169
77.5	160.455	158.474	156.493	156.493	154.512	154.512	152.531	152.531	150.550	150.550
80.0	120.836	118.855	116.874	114.894	114.894	112.913	112.913	110.932	110.932	108.951
82.5	89.141	87.161	85.180	83.199	83.199	81.218	81.218	79.237	79.237	77.256
85.0	57.447	55.466	53.485	51.504	49.523	49.523	47.542	47.542	45.561	45.561
87.5	39.618	37.638	35.657	35.657	33.676	31.695	31.695	29.714	27.733	27.733
90.0	30.684	28.009	27.317	24.642	22.169	21.678	19.207	16.734	16.243	13.770
92.5	58.674	57.437	54.220	52.983	49.482	45.981	44.462	40.961	37.460	35.940
95.0	93.586	89.807	88.011	84.232	79.934	77.616	73.318	71.000	66.702	64.384
97.5	133.421	129.175	124.928	122.663	117.567	114.452	109.357	106.242	101.146	98.031

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PHOTOMETRIC FILENAME : MX4UD-4-00-L8-835U-L8-835D-ASYUP-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

100.0	175.107	172.413	167.739	163.065	159.263	153.479	149.677	145.875	140.091	136.288
102.5	223.354	220.269	215.202	210.135	205.818	199.520	195.203	190.886	184.589	180.272
105.0	273.753	270.371	265.010	259.648	254.788	247.947	243.087	238.227	231.386	226.526
107.5	325.485	319.835	316.165	310.514	305.105	297.716	292.307	286.897	279.508	274.099
110.0	377.201	371.371	367.522	361.692	355.793	347.911	342.011	336.110	328.229	322.329
112.5	427.564	421.347	417.111	410.894	404.815	396.754	390.675	384.595	376.536	370.456
115.0	479.506	472.948	468.371	461.813	455.225	446.656	440.068	433.480	424.911	418.323
117.5	529.136	522.312	517.469	512.626	503.468	496.290	489.113	479.955	472.777	465.600
120.0	578.229	573.144	566.077	560.992	553.306	545.620	535.953	528.268	520.582	512.896
122.5	628.678	621.265	615.833	610.401	600.271	592.124	583.975	575.827	567.679	559.530
125.0	675.934	670.213	662.511	656.790	648.295	639.799	631.305	622.809	612.334	603.838
127.5	723.957	715.851	709.725	703.599	692.950	684.281	675.613	666.945	658.276	649.608
130.0	768.958	762.601	754.264	747.907	738.892	729.877	720.862	711.847	702.831	693.816
132.5	815.075	808.602	800.149	793.676	784.199	774.721	765.244	755.766	746.290	736.813
135.0	859.457	852.926	844.415	837.885	828.118	818.352	808.586	798.819	789.053	779.286
137.5	901.585	894.881	886.196	879.493	869.727	859.960	850.194	840.428	830.661	820.895
140.0	942.326	935.391	926.475	919.541	909.890	900.239	890.589	880.938	871.287	861.636
142.5	980.814	973.879	964.963	958.029	948.494	938.958	929.423	919.888	910.353	900.818
145.0	1018.607	1011.904	1003.219	996.516	986.865	977.214	967.564	957.913	948.262	938.611
147.5	1054.321	1045.695	1039.049	1032.403	1022.752	1013.101	1003.452	993.801	984.149	974.499
150.0	1084.760	1078.230	1071.700	1065.169	1055.750	1046.330	1036.910	1027.491	1018.072	1008.652
152.5	1113.539	1107.472	1101.403	1095.335	1086.263	1077.190	1068.117	1059.044	1049.971	1040.898
155.0	1138.678	1133.072	1127.466	1121.861	1113.193	1104.524	1095.856	1087.188	1078.519	1069.851
157.5	1160.002	1154.916	1149.831	1144.746	1136.597	1128.449	1120.301	1112.152	1104.005	1095.856
160.0	1177.686	1173.120	1168.555	1163.990	1156.419	1148.849	1141.278	1133.708	1126.138	1118.567
162.5	1192.075	1188.088	1184.100	1180.112	1173.178	1166.243	1159.308	1152.374	1145.438	1138.504
165.0	1202.477	1199.009	1195.542	1192.074	1185.948	1179.823	1173.697	1167.572	1161.447	1155.321
167.5	1209.238	1206.465	1203.690	1200.917	1195.658	1190.399	1185.140	1179.881	1174.623	1169.364
170.0	1212.533	1210.394	1208.256	1206.118	1201.841	1197.565	1193.289	1189.012	1184.736	1180.459
172.5	1212.706	1211.376	1210.047	1208.718	1205.367	1202.015	1198.663	1195.311	1191.960	1188.608
175.0	1209.411	1208.833	1208.256	1207.678	1205.308	1202.939	1200.570	1198.200	1195.832	1193.462
177.5	1202.477	1202.650	1202.824	1202.997	1201.668	1200.339	1199.010	1197.681	1196.351	1195.022
180.0	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463

Vert. Angles Horizontal Angles

	175.0	177.5	180.0	182.5	185.0	187.5	190.0	192.5	195.0	197.5
0.0	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535
2.5	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554
5.0	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573
7.5	1176.668	1176.668	1176.668	1176.668	1176.668	1176.668	1176.668	1176.668	1176.668	1176.668
10.0	1166.764	1166.764	1166.764	1166.764	1166.764	1166.764	1166.764	1164.783	1164.783	1164.783
12.5	1148.935	1150.916	1150.916	1150.916	1148.935	1148.935	1148.935	1148.935	1146.954	1146.954
15.0	1133.088	1135.069	1135.069	1135.069	1133.088	1133.088	1131.107	1131.107	1129.126	1129.126
17.5	1109.317	1109.317	1111.298	1109.317	1109.317	1109.317	1107.336	1107.336	1107.336	1107.336
20.0	1085.546	1085.546	1085.546	1085.546	1085.546	1085.546	1085.546	1083.565	1083.565	1083.565
22.5	1057.813	1057.813	1057.813	1057.813	1057.813	1057.813	1055.832	1055.832	1055.832	1055.832
25.0	1030.080	1030.080	1030.080	1030.080	1030.080	1028.099	1028.099	1028.099	1028.099	1026.118
27.5	996.404	996.404	996.404	996.404	996.404	996.404	996.404	994.423	994.423	994.423
30.0	962.729	962.729	962.729	962.729	962.729	962.729	962.729	962.729	962.729	962.729
32.5	925.091	925.091	925.091	925.091	925.091	925.091	925.091	925.091	925.091	925.091
35.0	887.453	887.453	887.453	887.453	887.453	887.453	887.453	887.453	887.453	887.453
37.5	845.854	845.854	845.854	845.854	845.854	845.854	845.854	845.854	845.854	845.854
40.0	804.255	804.255	804.255	804.255	804.255	804.255	804.255	802.274	802.274	802.274
42.5	760.674	760.674	760.674	760.674	760.674	760.674	760.674	758.693	758.693	758.693
45.0	717.094	717.094	717.094	717.094	717.094	717.094	717.094	715.113	715.113	715.113

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX4UD-4-00-L8-835U-L8-835D-ASYUP-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

47.5	671.533	671.533	671.533	671.533	671.533	673.514	673.514	673.514	673.514	673.514
50.0	627.953	625.972	625.972	625.972	627.953	627.953	629.933	629.933	631.914	631.914
52.5	586.353	586.353	586.353	586.353	586.353	586.353	588.334	588.334	588.334	588.334
55.0	544.754	544.754	544.754	544.754	544.754	544.754	544.754	546.735	546.735	546.735
57.5	499.193	499.193	499.193	499.193	499.193	499.193	499.193	499.193	499.193	499.193
60.0	451.650	451.650	451.650	451.650	451.650	451.650	451.650	449.670	449.670	449.670
62.5	408.070	408.070	408.070	408.070	408.070	408.070	408.070	406.089	406.089	406.089
65.0	364.490	364.490	364.490	364.490	364.490	364.490	364.490	362.509	362.509	362.509
67.5	316.948	316.948	316.948	316.948	316.948	316.948	316.948	318.929	318.929	318.929
70.0	271.387	269.406	269.406	269.406	271.387	271.387	271.387	273.367	273.367	273.367
72.5	229.787	229.787	229.787	229.787	229.787	231.768	231.768	231.768	233.749	233.749
75.0	190.169	188.188	188.188	188.188	190.169	190.169	192.149	192.149	194.131	194.131
77.5	148.569	148.569	148.569	148.569	148.569	150.550	150.550	152.531	152.531	154.512
80.0	108.951	106.970	106.970	106.970	108.951	108.951	110.932	110.932	112.913	112.913
82.5	77.256	75.275	75.275	75.275	77.256	77.256	79.237	79.237	81.218	81.218
85.0	43.580	43.580	41.599	43.580	43.580	45.561	45.561	47.542	47.542	49.523
87.5	25.752	25.752	23.771	25.752	25.752	27.733	27.733	29.714	31.695	31.695
90.0	11.299	10.807	8.335	10.091	9.866	11.621	13.377	13.151	14.907	16.662
92.5	32.439	30.919	27.419	28.261	27.123	27.965	26.827	27.669	28.512	27.373
95.0	60.087	57.769	53.471	53.978	52.505	53.012	51.539	52.045	50.572	51.080
97.5	92.936	89.820	86.705	84.816	82.926	83.018	81.128	81.219	79.329	79.421
100.0	132.486	126.703	122.900	120.479	120.038	117.617	115.196	114.754	112.333	109.912
102.5	175.955	169.657	165.340	162.261	161.161	158.081	155.001	153.901	150.821	147.741
105.0	221.666	214.825	209.965	206.231	204.480	200.746	197.014	195.261	191.528	187.795
107.5	268.689	261.300	255.891	251.620	249.330	245.060	240.789	238.499	234.228	229.958
110.0	316.429	308.547	302.647	297.903	295.139	290.395	285.650	282.887	278.142	273.398
112.5	364.377	356.317	350.237	344.967	341.677	336.407	331.137	327.847	322.577	317.307
115.0	411.736	403.167	396.579	390.881	387.163	381.465	375.768	372.050	366.353	360.654
117.5	458.423	449.264	442.087	436.007	431.909	425.829	419.751	413.671	409.573	403.493
120.0	503.229	495.543	487.856	481.327	474.796	470.246	463.717	457.186	450.656	446.106
122.5	549.401	541.253	533.105	526.245	519.385	514.507	507.647	500.788	493.928	487.069
125.0	595.344	586.849	578.354	571.055	563.756	556.457	549.159	543.841	536.542	529.244
127.5	640.940	632.271	623.603	615.859	608.115	600.371	592.627	584.884	577.140	569.397
130.0	684.801	675.786	666.771	658.739	650.707	642.673	634.640	626.609	618.576	610.543
132.5	727.335	717.857	708.380	700.116	691.852	683.588	675.324	667.061	658.796	650.532
135.0	769.521	759.754	749.987	741.609	733.229	724.850	716.470	708.091	699.711	691.332
137.5	811.129	801.362	791.596	783.159	774.721	766.285	757.847	749.410	740.972	732.536
140.0	851.986	842.335	832.684	824.189	815.694	807.199	798.704	790.209	781.714	773.219
142.5	891.283	881.747	872.212	863.774	855.337	846.900	838.463	830.025	821.589	813.151
145.0	928.961	919.310	909.659	901.453	893.247	885.041	876.835	868.629	860.423	852.216
147.5	964.849	955.198	945.547	937.572	929.596	921.622	913.647	905.672	897.697	889.722
150.0	999.233	989.813	980.393	972.591	964.790	956.988	949.186	941.386	933.584	925.782
152.5	1031.825	1022.752	1013.680	1005.994	998.308	990.621	982.935	975.250	967.564	959.878
155.0	1061.183	1052.514	1043.846	1036.391	1028.936	1021.481	1014.027	1006.572	999.117	991.662
157.5	1087.707	1079.560	1071.411	1064.361	1057.311	1050.260	1043.210	1036.160	1029.110	1022.058
160.0	1110.997	1103.426	1095.856	1089.326	1082.795	1076.266	1069.735	1063.206	1056.675	1050.145
162.5	1131.570	1124.634	1117.700	1111.805	1105.910	1100.017	1094.122	1088.228	1082.333	1076.439
165.0	1149.195	1143.070	1136.944	1131.743	1126.542	1121.341	1116.140	1110.939	1105.738	1100.536
167.5	1164.104	1158.846	1153.587	1149.079	1144.572	1140.064	1135.557	1131.049	1126.542	1122.034
170.0	1176.183	1171.907	1167.630	1163.874	1160.118	1156.361	1152.605	1148.849	1145.093	1141.336
172.5	1185.255	1181.904	1178.552	1175.663	1172.773	1169.884	1166.994	1164.105	1161.215	1158.326
175.0	1191.092	1188.724	1186.354	1184.447	1182.540	1180.633	1178.726	1176.819	1174.912	1173.005
177.5	1193.693	1192.363	1191.034	1190.225	1189.417	1188.607	1187.799	1186.989	1186.181	1185.371
180.0	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463

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CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5	220.0	222.5
0.0	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535
2.5	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554
5.0	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573
7.5	1176.668	1176.668	1176.668	1176.668	1176.668	1176.668	1176.668	1176.668	1176.668	1176.668
10.0	1164.783	1164.783	1164.783	1164.783	1166.764	1166.764	1166.764	1166.764	1168.745	1168.745
12.5	1146.954	1146.954	1146.954	1146.954	1148.935	1148.935	1148.935	1150.916	1150.916	1150.916
15.0	1127.145	1127.145	1127.145	1129.126	1129.126	1131.107	1131.107	1133.088	1133.088	1135.069
17.5	1105.355	1105.355	1105.355	1105.355	1107.336	1107.336	1107.336	1107.336	1109.317	1109.317
20.0	1083.565	1083.565	1083.565	1083.565	1083.565	1083.565	1083.565	1083.565	1083.565	1083.565
22.5	1055.832	1055.832	1055.832	1055.832	1055.832	1055.832	1055.832	1055.832	1055.832	1055.832
25.0	1026.118	1026.118	1026.118	1026.118	1026.118	1026.118	1028.099	1028.099	1028.099	1028.099
27.5	994.423	994.423	994.423	994.423	994.423	994.423	994.423	994.423	994.423	994.423
30.0	962.729	962.729	962.729	962.729	962.729	962.729	960.748	960.748	960.748	960.748
32.5	925.091	925.091	925.091	923.110	923.110	921.129	921.129	919.148	919.148	917.167
35.0	887.453	887.453	885.473	883.492	881.511	879.530	879.530	877.549	875.568	873.587
37.5	845.854	845.854	843.873	841.892	839.911	839.911	837.930	835.949	833.969	833.969
40.0	802.274	802.274	800.293	800.293	798.312	798.312	796.331	796.331	794.350	794.350
42.5	758.693	758.693	758.693	756.713	756.713	756.713	756.713	754.732	754.732	754.732
45.0	715.113	715.113	715.113	715.113	715.113	715.113	715.113	715.113	715.113	715.113
47.5	673.514	675.495	673.514	673.514	673.514	673.514	673.514	673.514	673.514	673.514
50.0	633.895	633.895	633.895	633.895	633.895	633.895	631.914	631.914	631.914	631.914
52.5	590.315	590.315	590.315	590.315	590.315	590.315	590.315	590.315	590.315	590.315
55.0	546.735	546.735	546.735	546.735	546.735	546.735	546.735	546.735	546.735	546.735
57.5	499.193	499.193	499.193	499.193	499.193	499.193	499.193	499.193	499.193	499.193
60.0	449.670	449.670	449.670	449.670	451.650	451.650	451.650	451.650	453.631	453.631
62.5	406.089	406.089	406.089	406.089	408.070	408.070	408.070	408.070	410.051	410.051
65.0	362.509	362.509	362.509	362.509	364.490	364.490	364.490	364.490	366.471	366.471
67.5	318.929	318.929	318.929	320.909	320.909	320.909	322.890	322.890	322.890	324.871
70.0	275.348	275.348	275.348	277.329	277.329	279.310	279.310	281.291	281.291	283.272
72.5	235.730	235.730	237.711	237.711	239.692	239.692	241.673	241.673	243.654	243.654
75.0	196.111	196.111	198.092	198.092	200.073	202.054	202.054	204.035	206.016	206.016
77.5	154.512	156.493	156.493	158.474	160.455	162.436	164.417	166.398	166.398	168.379
80.0	114.894	114.894	116.874	118.855	120.836	122.817	124.798	126.779	128.760	130.741
82.5	83.199	83.199	85.180	87.161	89.141	91.123	93.103	95.084	97.065	99.046
85.0	49.523	51.504	53.485	55.466	57.447	59.428	63.389	65.371	67.351	69.332
87.5	33.676	35.657	35.657	37.638	39.618	41.599	43.580	45.561	47.542	49.523
90.0	16.437	18.193	20.168	20.162	22.137	24.112	24.107	26.081	28.056	28.051
92.5	28.216	29.058	28.677	30.276	29.895	31.494	33.094	32.712	34.312	33.930
95.0	49.606	50.114	51.672	51.251	52.809	52.387	53.947	53.525	55.083	54.662
97.5	77.531	77.622	77.039	78.436	79.833	79.250	80.646	82.044	81.460	82.857
100.0	109.472	107.050	108.118	109.187	108.273	109.341	110.409	111.477	110.564	111.632
102.5	146.642	143.562	144.219	144.877	143.554	144.211	144.869	145.526	144.203	144.860
105.0	186.043	182.310	182.499	182.689	180.897	181.087	181.276	181.466	179.674	179.864
107.5	227.668	223.398	223.078	220.779	220.459	220.141	217.840	217.522	217.202	214.903
110.0	270.634	265.890	264.998	262.127	261.236	258.363	257.473	254.600	253.708	250.837
112.5	314.017	308.747	307.324	303.920	302.497	299.093	297.671	294.266	292.843	289.440
115.0	356.938	351.239	349.290	345.361	343.412	339.483	337.534	333.604	331.656	327.726
117.5	397.414	393.315	389.022	384.728	382.415	378.121	375.808	371.515	369.202	364.908
120.0	439.577	433.046	428.435	425.804	421.192	416.581	413.950	409.339	404.727	402.096
122.5	480.210	475.331	470.106	464.883	461.639	456.415	451.191	447.948	442.723	439.480
125.0	521.945	514.646	509.133	505.600	500.088	496.555	491.042	487.510	481.997	478.465
127.5	561.653	555.890	550.059	544.228	540.378	534.547	528.716	524.867	519.035	515.185
130.0	602.510	594.477	588.352	584.207	578.082	571.956	567.811	561.685	555.560	551.415

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PHOTOMETRIC FILENAME : MX4UD-4-00-L8-835U-L8-835D-ASYUP-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

132.5	642.269	634.005	627.705	623.388	617.088	610.790	606.471	600.173	593.874	589.556
135.0	682.952	674.573	667.985	663.378	656.790	650.202	645.595	639.007	632.419	627.812
137.5	724.098	715.661	708.842	704.004	697.185	690.366	685.527	678.708	671.890	667.051
140.0	764.724	756.229	749.295	744.340	737.406	730.471	725.517	718.582	711.648	706.693
142.5	804.714	796.276	789.342	784.388	777.453	770.519	765.565	758.631	751.695	746.742
145.0	844.011	835.804	828.812	823.801	816.808	809.815	804.804	797.812	790.818	785.807
147.5	881.747	873.772	866.838	859.902	854.949	848.014	841.079	834.145	829.191	822.256
150.0	917.981	910.179	903.418	896.656	889.895	883.134	878.353	871.592	864.831	858.069
152.5	952.192	944.506	937.918	931.330	924.742	918.154	911.567	904.978	898.390	891.802
155.0	984.207	976.753	970.337	963.923	957.509	951.094	944.679	938.265	931.850	925.436
157.5	1015.009	1007.958	1001.775	995.592	989.408	983.224	977.042	970.858	964.674	958.491
160.0	1043.614	1037.085	1031.248	1025.411	1019.574	1013.737	1007.902	1002.065	996.228	990.391
162.5	1070.545	1064.650	1059.276	1053.901	1048.527	1043.153	1037.778	1032.403	1027.029	1021.655
165.0	1095.335	1090.135	1085.281	1080.426	1075.572	1070.717	1065.863	1061.008	1056.154	1051.300
167.5	1117.527	1113.019	1108.743	1104.466	1100.190	1095.914	1091.637	1087.360	1083.085	1078.808
170.0	1137.580	1133.824	1130.067	1126.311	1122.555	1118.798	1115.042	1111.286	1107.530	1103.773
172.5	1155.436	1152.547	1149.369	1146.190	1143.012	1139.834	1136.655	1133.477	1130.299	1127.120
175.0	1171.098	1169.190	1166.648	1164.105	1161.562	1159.019	1156.477	1153.934	1151.391	1148.849
177.5	1184.563	1183.753	1181.962	1180.170	1178.379	1176.588	1174.796	1173.005	1171.213	1169.422
180.0	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463

Vert. Horizontal Angles

	<u>225.0</u>	<u>227.5</u>	<u>230.0</u>	<u>232.5</u>	<u>235.0</u>	<u>237.5</u>	<u>240.0</u>	<u>242.5</u>	<u>245.0</u>	<u>247.5</u>
0.0	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535
2.5	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554
5.0	1186.573	1186.573	1186.573	1186.573	1186.573	1184.592	1184.592	1184.592	1184.592	1184.592
7.5	1178.649	1176.668	1176.668	1176.668	1176.668	1176.668	1176.668	1174.687	1174.687	1174.687
10.0	1168.745	1168.745	1168.745	1166.764	1166.764	1166.764	1166.764	1164.783	1164.783	1164.783
12.5	1152.897	1150.916	1150.916	1150.916	1148.935	1148.935	1148.935	1146.954	1146.954	1146.954
15.0	1135.069	1135.069	1133.088	1133.088	1131.107	1131.107	1129.126	1129.126	1127.145	1127.145
17.5	1109.317	1109.317	1107.336	1107.336	1107.336	1107.336	1105.355	1105.355	1105.355	1105.355
20.0	1083.565	1083.565	1083.565	1083.565	1083.565	1081.584	1081.584	1081.584	1081.584	1081.584
22.5	1055.832	1055.832	1055.832	1055.832	1055.832	1053.851	1053.851	1053.851	1053.851	1053.851
25.0	1028.099	1028.099	1028.099	1028.099	1028.099	1026.118	1026.118	1026.118	1026.118	1026.118
27.5	994.423	994.423	994.423	994.423	992.442	992.442	992.442	992.442	992.442	992.442
30.0	960.748	960.748	960.748	958.767	958.767	958.767	958.767	956.786	956.786	956.786
32.5	917.167	917.167	917.167	917.167	917.167	917.167	917.167	917.167	917.167	917.167
35.0	871.606	871.606	873.587	873.587	873.587	875.568	875.568	875.568	877.549	877.549
37.5	831.988	831.988	833.969	833.969	833.969	833.969	835.949	835.949	835.949	837.930
40.0	792.369	792.369	792.369	794.350	794.350	794.350	794.350	796.331	796.331	796.331
42.5	754.732	754.732	754.732	754.732	754.732	756.713	756.713	756.713	756.713	758.693
45.0	715.113	715.113	715.113	717.094	717.094	717.094	717.094	719.075	719.075	719.075
47.5	673.514	673.514	673.514	673.514	673.514	673.514	673.514	673.514	673.514	673.514
50.0	631.914	631.914	629.933	629.933	629.933	627.953	627.953	627.953	625.972	625.972
52.5	590.315	588.334	588.334	588.334	586.353	586.353	586.353	586.353	584.372	584.372
55.0	546.735	546.735	546.735	544.754	544.754	544.754	544.754	542.773	542.773	542.773
57.5	501.173	501.173	501.173	501.173	501.173	503.154	503.154	503.154	503.154	505.135
60.0	453.631	455.612	455.612	457.593	459.574	459.574	461.555	463.536	463.536	465.517
62.5	410.051	410.051	412.032	412.032	414.013	414.013	415.994	415.994	417.975	417.975
65.0	366.471	366.471	366.471	368.452	368.452	368.452	368.452	370.433	370.433	370.433
67.5	324.871	324.871	326.852	326.852	326.852	328.833	328.833	328.833	330.814	330.814
70.0	283.272	283.272	285.253	285.253	287.234	287.234	289.215	289.215	291.196	291.196
72.5	245.635	245.635	247.615	247.615	247.615	247.615	249.596	249.596	249.596	251.577
75.0	207.997	207.997	207.997	207.997	207.997	209.978	209.978	209.978	209.978	209.978
77.5	170.359	170.359	172.340	172.340	172.340	172.340	174.321	174.321	174.321	176.302

IES INDOOR REPORT

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CANDELA TABULATION - (Cont.)

80.0	132.722	132.722	134.703	134.703	136.684	136.684	138.665	138.665	140.645	140.645
82.5	103.008	103.008	103.008	104.989	104.989	106.970	106.970	108.951	108.951	110.932
85.0	71.313	71.313	73.294	73.294	75.275	75.275	77.256	77.256	79.237	79.237
87.5	51.504	51.504	51.504	53.485	53.485	55.466	55.466	57.447	57.447	59.428
90.0	30.026	30.026	32.007	32.007	33.987	33.987	35.968	35.968	37.949	37.949
92.5	35.530	35.287	37.026	36.783	38.521	38.278	38.035	39.773	39.531	41.269
95.0	56.221	55.880	57.520	57.178	56.837	58.478	58.137	57.795	59.435	59.095
97.5	84.254	83.798	83.342	84.866	84.410	83.953	85.477	85.021	86.545	86.089
100.0	112.700	112.117	113.513	112.930	114.327	113.743	115.140	114.557	115.954	115.370
102.5	145.518	144.755	145.972	145.210	146.428	145.665	144.902	146.121	145.358	146.576
105.0	180.053	179.070	180.069	179.086	178.104	179.102	178.120	177.137	178.137	177.154
107.5	214.583	213.317	214.032	212.768	213.483	212.217	210.951	211.667	210.401	211.116
110.0	249.946	248.379	248.794	247.228	247.643	246.077	246.491	244.926	245.341	243.774
112.5	288.017	286.138	286.241	284.363	284.466	282.588	280.709	280.812	278.934	279.037
115.0	325.777	323.685	323.574	321.482	319.390	319.279	317.186	315.094	314.983	312.892
117.5	362.595	360.214	357.833	357.433	355.053	352.672	352.272	349.891	347.510	347.110
120.0	397.485	394.774	394.045	391.335	388.625	387.896	385.185	382.475	381.746	379.035
122.5	434.256	431.361	430.446	427.551	424.656	423.742	420.847	417.951	417.037	414.142
125.0	472.952	469.901	468.830	465.779	462.728	461.658	458.606	455.555	454.485	451.433
127.5	509.355	506.176	504.978	501.800	498.622	497.424	494.246	491.068	489.870	486.691
130.0	545.289	542.000	540.694	537.405	534.116	532.810	529.521	526.233	524.926	521.638
132.5	583.257	579.847	578.419	575.009	571.599	568.190	566.761	563.351	559.941	558.513
135.0	621.223	617.583	613.942	612.282	608.642	605.001	601.360	599.701	596.060	592.419
137.5	660.232	656.360	652.488	648.616	644.744	642.853	638.981	635.109	631.237	627.365
140.0	699.759	695.887	692.015	688.143	684.271	680.400	676.528	672.656	668.784	664.913
142.5	739.807	735.993	732.179	728.365	724.551	720.737	716.923	713.109	709.294	707.461
145.0	778.815	775.116	771.418	767.720	764.021	762.303	758.605	754.907	751.208	747.510
147.5	815.321	811.738	808.155	806.554	802.971	799.388	795.805	792.222	788.639	787.038
150.0	851.308	847.668	844.027	842.367	838.726	835.086	831.445	829.785	826.145	822.504
152.5	887.195	883.497	879.798	876.100	872.402	868.703	866.985	863.287	859.588	855.890
155.0	919.021	915.496	911.971	908.446	904.921	903.376	899.851	896.326	892.801	889.276
157.5	952.308	948.956	945.605	942.252	938.900	937.530	934.178	930.826	927.474	924.122
160.0	984.554	981.607	978.660	975.713	972.765	971.799	968.851	965.904	962.957	960.010
162.5	1016.280	1013.622	1010.964	1008.305	1005.647	1002.989	1000.330	997.671	995.014	994.336
165.0	1046.446	1043.960	1041.476	1038.991	1036.505	1034.021	1031.536	1029.051	1026.566	1024.081
167.5	1074.531	1072.451	1070.370	1068.290	1066.209	1064.130	1062.049	1059.968	1057.888	1055.807
170.0	1100.017	1098.399	1096.781	1095.163	1093.545	1091.926	1090.308	1088.690	1087.072	1085.454
172.5	1123.941	1122.786	1121.630	1120.474	1119.319	1118.162	1117.007	1115.852	1114.695	1113.540
175.0	1146.306	1145.670	1145.035	1144.399	1143.763	1143.128	1142.492	1141.856	1141.221	1140.585
177.5	1167.630	1167.341	1167.052	1166.763	1166.475	1166.186	1165.897	1165.608	1165.319	1165.030
180.0	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463

Vert. Horizontal Angles

	<u>250.0</u>	<u>252.5</u>	<u>255.0</u>	<u>257.5</u>	<u>260.0</u>	<u>262.5</u>	<u>265.0</u>	<u>267.5</u>	<u>270.0</u>	<u>272.5</u>
0.0	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535
2.5	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573
5.0	1184.592	1184.592	1184.592	1184.592	1182.611	1182.611	1182.611	1182.611	1182.611	1182.611
7.5	1174.687	1174.687	1174.687	1174.687	1174.687	1174.687	1174.687	1174.687	1174.687	1174.687
10.0	1164.783	1164.783	1164.783	1164.783	1166.764	1166.764	1166.764	1166.764	1166.764	1166.764
12.5	1146.954	1146.954	1146.954	1146.954	1146.954	1146.954	1146.954	1146.954	1146.954	1146.954
15.0	1127.145	1127.145	1127.145	1127.145	1127.145	1127.145	1127.145	1127.145	1127.145	1127.145
17.5	1103.374	1103.374	1103.374	1103.374	1103.374	1103.374	1103.374	1103.374	1103.374	1103.374
20.0	1081.584	1081.584	1081.584	1081.584	1079.603	1079.603	1079.603	1079.603	1079.603	1079.603
22.5	1053.851	1053.851	1053.851	1051.870	1051.870	1051.870	1051.870	1051.870	1051.870	1051.870
25.0	1026.118	1026.118	1024.137	1024.137	1024.137	1024.137	1022.156	1022.156	1022.156	1022.156

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX4UD-4-00-L8-835U-L8-835D-ASYUP-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.5	990.462	990.462	990.462	990.462	990.462	990.462	988.481	988.481	988.481	988.481
30.0	956.786	956.786	956.786	956.786	954.805	954.805	954.805	954.805	954.805	954.805
32.5	917.167	917.167	915.186	915.186	915.186	915.186	913.206	913.206	913.206	913.206
35.0	877.549	875.568	875.568	875.568	873.587	873.587	873.587	871.606	871.606	871.606
37.5	835.949	835.949	835.949	833.969	833.969	833.969	831.988	831.988	831.988	831.988
40.0	796.331	794.350	794.350	794.350	792.369	792.369	792.369	790.388	790.388	790.388
42.5	756.713	756.713	754.732	754.732	754.732	752.751	752.751	750.770	750.770	750.770
45.0	719.075	717.094	717.094	715.113	715.113	713.132	713.132	711.151	711.151	711.151
47.5	671.533	671.533	671.533	671.533	671.533	671.533	671.533	671.533	671.533	671.533
50.0	625.972	627.953	627.953	627.953	629.933	629.933	629.933	631.914	631.914	631.914
52.5	584.372	586.353	586.353	586.353	586.353	588.334	588.334	588.334	590.315	588.334
55.0	542.773	542.773	544.754	544.754	544.754	544.754	546.735	546.735	546.735	546.735
57.5	503.154	503.154	503.154	503.154	501.173	501.173	501.173	501.173	501.173	501.173
60.0	463.536	463.536	461.555	459.574	459.574	457.593	455.612	455.612	453.631	455.612
62.5	417.975	415.994	415.994	415.994	415.994	414.013	414.013	414.013	414.013	414.013
65.0	370.433	370.433	370.433	370.433	372.413	372.413	372.413	372.413	372.413	372.413
67.5	330.814	330.814	330.814	330.814	332.795	332.795	332.795	332.795	332.795	332.795
70.0	291.196	291.196	291.196	291.196	293.177	293.177	293.177	293.177	293.177	293.177
72.5	251.577	251.577	251.577	253.558	253.558	253.558	253.558	255.539	255.539	255.539
75.0	209.978	211.959	211.959	213.940	213.940	215.921	215.921	217.901	217.901	217.901
77.5	176.302	176.302	178.283	178.283	178.283	180.264	180.264	180.264	182.245	180.264
80.0	140.645	140.645	142.626	142.626	142.626	142.626	144.607	144.607	144.607	144.607
82.5	110.932	110.932	110.932	112.913	112.913	112.913	112.913	114.894	114.894	114.894
85.0	79.237	81.218	81.218	81.218	83.199	83.199	83.199	85.180	85.180	85.180
87.5	59.428	59.428	59.428	61.409	61.409	61.409	61.409	63.389	63.389	63.389
90.0	37.943	37.938	39.913	39.908	39.901	39.896	41.871	41.866	41.860	41.866
92.5	41.182	41.095	41.009	42.903	42.817	42.730	42.644	44.538	44.451	44.538
95.0	58.933	60.752	60.590	60.428	62.248	62.086	61.924	63.744	63.582	63.744
97.5	85.893	85.695	87.480	87.284	87.087	86.891	86.695	86.497	88.282	86.497
100.0	115.110	114.850	114.590	114.329	114.070	113.810	113.550	113.290	113.029	113.290
102.5	146.229	145.882	145.536	145.189	144.842	144.495	144.150	143.803	145.437	143.803
105.0	176.691	176.229	177.748	177.285	176.824	176.361	177.879	177.418	176.955	177.418
107.5	210.591	210.064	209.538	209.013	208.486	209.942	209.416	208.890	208.364	208.890
110.0	243.185	242.595	242.006	241.416	242.808	242.219	241.629	241.040	240.450	241.040
112.5	278.367	277.697	277.026	276.355	275.685	275.015	274.344	273.674	274.985	273.674
115.0	312.175	311.459	310.742	310.025	311.290	310.573	309.857	309.140	308.423	309.140
117.5	346.307	345.503	344.700	343.897	343.093	344.271	343.468	342.664	341.861	342.664
120.0	378.214	377.395	378.555	377.734	376.913	376.092	377.253	376.432	375.611	376.432
122.5	413.298	412.455	413.592	412.749	411.905	411.060	410.217	409.373	410.511	409.373
125.0	450.428	449.422	448.416	447.412	448.387	447.381	446.376	445.370	444.364	445.370
127.5	485.657	484.622	483.589	482.554	483.500	482.466	481.432	480.398	479.363	480.398
130.0	520.614	519.592	518.569	517.546	518.504	517.481	516.458	515.436	514.413	515.436
132.5	557.415	556.317	555.219	554.122	553.023	551.926	550.828	549.729	550.613	549.729
135.0	591.322	590.223	589.126	588.027	588.910	587.812	586.714	585.616	584.518	585.616
137.5	626.095	624.822	623.551	622.280	622.989	621.718	620.447	619.175	617.904	619.175
140.0	663.584	662.254	660.925	659.596	660.247	658.918	657.589	656.260	654.931	656.260
142.5	706.248	705.034	703.821	702.607	701.393	700.180	698.967	697.752	698.520	697.752
145.0	746.470	745.429	744.389	743.348	744.290	743.249	742.209	741.168	740.129	741.168
147.5	785.940	784.841	783.744	782.645	781.548	780.449	779.351	778.253	777.155	778.253
150.0	821.233	819.961	818.690	817.419	816.147	814.876	813.605	812.333	811.062	812.333
152.5	854.619	853.347	852.076	850.805	849.533	848.262	846.991	845.719	844.448	845.719
155.0	888.121	886.964	885.809	884.652	883.497	882.341	881.185	880.029	878.873	880.029
157.5	923.140	922.158	921.176	920.193	919.211	918.228	917.246	916.263	915.281	916.263
160.0	959.028	958.045	957.063	956.080	955.098	954.115	953.133	952.150	951.168	952.150
162.5	993.412	992.487	991.563	990.637	989.713	988.788	987.864	986.939	986.015	986.939
165.0	1023.387	1022.694	1022.001	1021.308	1020.614	1019.921	1019.227	1018.534	1017.841	1018.534

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX4UD-4-00-L8-835U-L8-835D-ASYUP-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.5	1055.171	1054.536	1053.900	1053.265	1052.629	1051.994	1051.358	1050.723	1050.087	1050.723
170.0	1084.992	1084.529	1084.068	1083.605	1083.142	1082.680	1082.218	1081.756	1081.293	1081.756
172.5	1113.309	1113.077	1112.846	1112.616	1112.384	1112.153	1111.922	1111.690	1111.459	1111.690
175.0	1140.469	1140.353	1140.238	1140.123	1140.007	1139.892	1139.776	1139.660	1139.545	1139.660
177.5	1165.145	1165.261	1165.376	1165.492	1165.608	1165.722	1165.838	1165.954	1166.069	1165.954
180.0	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463

**Vert.
Angles**

Horizontal Angles

	<u>275.0</u>	<u>277.5</u>	<u>280.0</u>	<u>282.5</u>	<u>285.0</u>	<u>287.5</u>	<u>290.0</u>	<u>292.5</u>	<u>295.0</u>	<u>297.5</u>
0.0	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535
2.5	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1188.554	1188.554	1188.554
5.0	1182.611	1182.611	1182.611	1184.592	1184.592	1184.592	1184.592	1184.592	1184.592	1184.592
7.5	1174.687	1174.687	1174.687	1174.687	1174.687	1174.687	1174.687	1174.687	1174.687	1174.687
10.0	1166.764	1166.764	1166.764	1164.783	1164.783	1164.783	1164.783	1164.783	1164.783	1164.783
12.5	1146.954	1146.954	1146.954	1146.954	1146.954	1146.954	1146.954	1146.954	1146.954	1146.954
15.0	1127.145	1127.145	1127.145	1127.145	1127.145	1127.145	1127.145	1127.145	1127.145	1129.126
17.5	1103.374	1103.374	1103.374	1103.374	1103.374	1103.374	1103.374	1105.355	1105.355	1105.355
20.0	1079.603	1079.603	1079.603	1081.584	1081.584	1081.584	1081.584	1081.584	1081.584	1081.584
22.5	1051.870	1051.870	1051.870	1051.870	1053.851	1053.851	1053.851	1053.851	1053.851	1053.851
25.0	1022.156	1024.137	1024.137	1024.137	1024.137	1026.118	1026.118	1026.118	1026.118	1026.118
27.5	988.481	990.462	990.462	990.462	990.462	990.462	990.462	992.442	992.442	992.442
30.0	954.805	954.805	954.805	956.786	956.786	956.786	956.786	956.786	956.786	956.786
32.5	913.206	915.186	915.186	915.186	915.186	917.167	917.167	917.167	917.167	917.167
35.0	873.587	873.587	873.587	875.568	875.568	875.568	877.549	877.549	877.549	875.568
37.5	831.988	833.969	833.969	833.969	835.949	835.949	835.949	837.930	835.949	835.949
40.0	792.369	792.369	792.369	794.350	794.350	794.350	796.331	796.331	796.331	796.331
42.5	752.751	752.751	754.732	754.732	754.732	756.713	756.713	758.693	756.713	756.713
45.0	713.132	713.132	715.113	715.113	717.094	717.094	719.075	719.075	719.075	719.075
47.5	671.533	671.533	671.533	671.533	671.533	671.533	671.533	673.514	673.514	673.514
50.0	629.933	629.933	629.933	627.953	627.953	627.953	625.972	625.972	625.972	627.953
52.5	588.334	588.334	586.353	586.353	586.353	586.353	584.372	584.372	584.372	586.353
55.0	546.735	544.754	544.754	544.754	544.754	542.773	542.773	542.773	542.773	542.773
57.5	501.173	501.173	501.173	503.154	503.154	503.154	503.154	505.135	503.154	503.154
60.0	455.612	457.593	459.574	459.574	461.555	463.536	463.536	465.517	463.536	463.536
62.5	414.013	414.013	415.994	415.994	415.994	415.994	417.975	417.975	417.975	415.994
65.0	372.413	372.413	372.413	370.433	370.433	370.433	370.433	370.433	370.433	370.433
67.5	332.795	332.795	332.795	330.814	330.814	330.814	330.814	330.814	330.814	328.833
70.0	293.177	293.177	293.177	291.196	291.196	291.196	291.196	291.196	291.196	289.215
72.5	253.558	253.558	253.558	253.558	251.577	251.577	251.577	251.577	249.596	249.596
75.0	215.921	215.921	213.940	213.940	211.959	211.959	209.978	209.978	209.978	209.978
77.5	180.264	180.264	178.283	178.283	178.283	176.302	176.302	176.302	174.321	174.321
80.0	144.607	142.626	142.626	142.626	142.626	140.645	140.645	140.645	140.645	138.665
82.5	112.913	112.913	112.913	112.913	110.932	110.932	110.932	110.932	108.951	108.951
85.0	83.199	83.199	83.199	81.218	81.218	81.218	79.237	79.237	79.237	77.256
87.5	61.409	61.409	61.409	61.409	59.428	59.428	59.428	59.428	57.447	57.447
90.0	41.871	39.896	39.901	39.908	39.913	37.938	37.943	37.949	37.949	35.968
92.5	42.644	42.730	42.817	42.903	41.009	41.095	41.182	41.269	39.531	39.773
95.0	61.924	62.086	62.248	60.428	60.590	60.752	58.933	59.095	59.435	57.795
97.5	86.695	86.891	87.087	87.284	87.480	85.695	85.893	86.089	86.545	85.021
100.0	113.550	113.810	114.070	114.329	114.590	114.850	115.110	115.370	115.954	114.557
102.5	144.150	144.495	144.842	145.189	145.536	145.882	146.229	146.576	145.358	146.121
105.0	177.879	176.361	176.824	177.285	177.748	176.229	176.691	177.154	178.137	177.137
107.5	209.416	209.942	208.486	209.013	209.538	210.064	210.591	211.116	210.401	211.667
110.0	241.629	242.219	242.808	241.416	242.006	242.595	243.185	243.774	245.341	244.926
112.5	274.344	275.015	275.685	276.355	277.026	277.697	278.367	279.037	278.934	280.812

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX4UD-4-00-L8-835U-L8-835D-ASYUP-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

115.0	309.857	310.573	311.290	310.025	310.742	311.459	312.175	312.892	314.983	315.094
117.5	343.468	344.271	343.093	343.897	344.700	345.503	346.307	347.110	347.510	349.891
120.0	377.253	376.092	376.913	377.734	378.555	377.395	378.214	379.035	381.746	382.475
122.5	410.217	411.060	411.905	412.749	413.592	412.455	413.298	414.142	417.037	417.951
125.0	446.376	447.381	448.387	447.412	448.416	449.422	450.428	451.433	454.485	455.555
127.5	481.432	482.466	483.500	482.554	483.589	484.622	485.657	486.691	489.870	491.068
130.0	516.458	517.481	518.504	517.546	518.569	519.592	520.614	521.638	524.926	526.233
132.5	550.828	551.926	553.023	554.122	555.219	556.317	557.415	558.513	559.941	563.351
135.0	586.714	587.812	588.910	588.027	589.126	590.223	591.322	592.419	596.060	599.701
137.5	620.447	621.718	622.989	622.280	623.551	624.822	626.095	627.365	631.237	635.109
140.0	657.589	658.918	660.247	659.596	660.925	662.254	663.584	664.913	668.784	672.656
142.5	698.967	700.180	701.393	702.607	703.821	705.034	706.248	707.461	709.294	713.109
145.0	742.209	743.249	744.290	743.348	744.389	745.429	746.470	747.510	751.208	754.907
147.5	779.351	780.449	781.548	782.645	783.744	784.841	785.940	787.038	788.639	792.222
150.0	813.605	814.876	816.147	817.419	818.690	819.961	821.233	822.504	826.145	829.785
152.5	846.991	848.262	849.533	850.805	852.076	853.347	854.619	855.890	859.588	863.287
155.0	881.185	882.341	883.497	884.652	885.809	886.964	888.121	889.276	892.801	896.326
157.5	917.246	918.228	919.211	920.193	921.176	922.158	923.140	924.122	927.474	930.826
160.0	953.133	954.115	955.098	956.080	957.063	958.045	959.028	960.010	962.957	965.904
162.5	987.864	988.788	989.713	990.637	991.563	992.487	993.412	994.336	995.014	997.671
165.0	1019.227	1019.921	1020.614	1021.308	1022.001	1022.694	1023.387	1024.081	1026.566	1029.051
167.5	1051.358	1051.994	1052.629	1053.265	1053.900	1054.536	1055.171	1055.807	1057.888	1059.968
170.0	1082.218	1082.680	1083.142	1083.605	1084.068	1084.529	1084.992	1085.454	1087.072	1088.690
172.5	1111.922	1112.153	1112.384	1112.616	1112.846	1113.077	1113.309	1113.540	1114.695	1115.852
175.0	1139.776	1139.892	1140.007	1140.123	1140.238	1140.353	1140.469	1140.585	1141.221	1141.856
177.5	1165.838	1165.722	1165.608	1165.492	1165.376	1165.261	1165.145	1165.030	1165.319	1165.608
180.0	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463

Vert. Angles

Horizontal Angles

	<u>300.0</u>	<u>302.5</u>	<u>305.0</u>	<u>307.5</u>	<u>310.0</u>	<u>312.5</u>	<u>315.0</u>	<u>317.5</u>	<u>320.0</u>	<u>322.5</u>
0.0	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535
2.5	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554
5.0	1184.592	1184.592	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573
7.5	1176.668	1176.668	1176.668	1176.668	1176.668	1176.668	1178.649	1176.668	1176.668	1176.668
10.0	1166.764	1166.764	1166.764	1166.764	1168.745	1168.745	1168.745	1168.745	1168.745	1166.764
12.5	1148.935	1148.935	1148.935	1150.916	1150.916	1150.916	1152.897	1150.916	1150.916	1150.916
15.0	1129.126	1131.107	1131.107	1133.088	1133.088	1135.069	1135.069	1135.069	1133.088	1133.088
17.5	1105.355	1107.336	1107.336	1107.336	1107.336	1109.317	1109.317	1109.317	1109.317	1107.336
20.0	1081.584	1081.584	1083.565	1083.565	1083.565	1083.565	1083.565	1083.565	1083.565	1083.565
22.5	1053.851	1053.851	1055.832	1055.832	1055.832	1055.832	1055.832	1055.832	1055.832	1055.832
25.0	1026.118	1026.118	1028.099	1028.099	1028.099	1028.099	1028.099	1028.099	1028.099	1028.099
27.5	992.442	992.442	992.442	994.423	994.423	994.423	994.423	994.423	994.423	994.423
30.0	958.767	958.767	958.767	958.767	960.748	960.748	960.748	960.748	960.748	960.748
32.5	917.167	917.167	917.167	917.167	917.167	917.167	917.167	917.167	919.148	919.148
35.0	875.568	875.568	873.587	873.587	873.587	871.606	871.606	873.587	875.568	877.549
37.5	835.949	833.969	833.969	833.969	833.969	831.988	831.988	833.969	833.969	835.949
40.0	794.350	794.350	794.350	794.350	792.369	792.369	792.369	794.350	794.350	796.331
42.5	756.713	756.713	754.732	754.732	754.732	754.732	754.732	754.732	754.732	754.732
45.0	717.094	717.094	717.094	717.094	715.113	715.113	715.113	715.113	715.113	715.113
47.5	673.514	673.514	673.514	673.514	673.514	673.514	673.514	673.514	673.514	673.514
50.0	627.953	627.953	629.933	629.933	629.933	631.914	631.914	631.914	631.914	631.914
52.5	586.353	586.353	586.353	588.334	588.334	588.334	590.315	590.315	590.315	590.315
55.0	544.754	544.754	544.754	544.754	546.735	546.735	546.735	546.735	546.735	546.735
57.5	503.154	503.154	501.173	501.173	501.173	501.173	501.173	499.193	499.193	499.193
60.0	461.555	459.574	459.574	457.593	455.612	455.612	453.631	453.631	453.631	451.650

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX4UD-4-00-L8-835U-L8-835D-ASYUP-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

62.5	415.994	414.013	414.013	412.032	412.032	410.051	410.051	410.051	410.051	408.070
65.0	368.452	368.452	368.452	368.452	366.471	366.471	366.471	366.471	366.471	364.490
67.5	328.833	328.833	326.852	326.852	326.852	324.871	324.871	324.871	322.890	322.890
70.0	289.215	287.234	287.234	285.253	285.253	283.272	283.272	283.272	281.291	281.291
72.5	249.596	247.615	247.615	247.615	247.615	245.635	245.635	243.654	243.654	241.673
75.0	209.978	209.978	207.997	207.997	207.997	207.997	207.997	206.016	206.016	204.035
77.5	174.321	172.340	172.340	172.340	172.340	170.359	170.359	168.379	166.398	166.398
80.0	138.665	136.684	136.684	134.703	134.703	132.722	132.722	130.741	128.760	126.779
82.5	106.970	106.970	104.989	104.989	103.008	103.008	103.008	99.046	97.065	95.084
85.0	77.256	75.275	75.275	73.294	73.294	71.313	71.313	69.332	67.351	65.371
87.5	55.466	55.466	53.485	53.485	51.504	51.504	51.504	49.523	47.542	45.561
90.0	35.968	33.987	33.987	32.007	32.007	30.026	30.026	28.051	28.056	26.081
92.5	38.035	38.278	38.521	36.783	37.026	35.287	35.530	33.930	34.312	32.712
95.0	58.137	58.478	56.837	57.178	57.520	55.880	56.221	54.662	55.083	53.525
97.5	85.477	83.953	84.410	84.866	83.342	83.798	84.254	82.857	81.460	82.044
100.0	115.140	113.743	114.327	112.930	113.513	112.117	112.700	111.632	110.564	111.477
102.5	144.902	145.665	146.428	145.210	145.972	144.755	145.518	144.860	144.203	145.526
105.0	178.120	179.102	178.104	179.086	180.069	179.070	180.053	179.864	179.674	181.466
107.5	210.951	212.217	213.483	212.768	214.032	213.317	214.583	214.903	217.202	217.522
110.0	246.491	246.077	247.643	247.228	248.794	248.379	249.946	250.837	253.708	254.600
112.5	280.709	282.588	284.466	284.363	286.241	286.138	288.017	289.440	292.843	294.266
115.0	317.186	319.279	319.390	321.482	323.574	323.685	325.777	327.726	331.656	333.604
117.5	352.272	352.672	355.053	357.433	357.833	360.214	362.595	364.908	369.202	371.515
120.0	385.185	387.896	388.625	391.335	394.045	394.774	397.485	402.096	404.727	409.339
122.5	420.847	423.742	424.656	427.551	430.446	431.361	434.256	439.480	442.723	447.948
125.0	458.606	461.658	462.728	465.779	468.830	469.901	472.952	478.465	481.997	487.510
127.5	494.246	497.424	498.622	501.800	504.978	506.176	509.355	515.185	519.036	524.867
130.0	529.521	532.810	534.116	537.405	540.694	542.000	545.289	551.415	555.560	561.685
132.5	566.761	568.190	571.599	575.009	578.419	579.847	583.257	589.556	593.874	600.173
135.0	601.360	605.001	608.642	612.282	613.942	617.583	621.223	627.812	632.419	639.007
137.5	638.981	642.853	644.744	648.616	652.488	656.360	660.232	667.051	671.890	678.708
140.0	676.528	680.400	684.271	688.143	692.015	695.887	699.759	706.693	711.648	718.582
142.5	716.923	720.737	724.551	728.365	732.179	735.993	739.807	746.742	751.695	758.631
145.0	758.605	762.303	764.021	767.720	771.418	775.116	778.815	785.807	790.818	797.812
147.5	795.805	799.388	802.971	806.554	808.155	811.738	815.321	822.256	829.191	834.145
150.0	831.445	835.086	838.726	842.367	844.027	847.668	851.308	858.069	864.831	871.592
152.5	866.985	868.703	872.402	876.100	879.798	883.497	887.195	891.802	898.390	904.978
155.0	899.851	903.376	904.921	908.446	911.971	915.496	919.021	925.436	931.850	938.265
157.5	934.178	937.530	938.900	942.252	945.605	948.956	952.308	958.491	964.674	970.858
160.0	968.851	971.799	972.765	975.713	978.660	981.607	984.554	990.391	996.228	1002.065
162.5	1000.330	1002.989	1005.647	1008.305	1010.964	1013.622	1016.280	1021.655	1027.029	1032.403
165.0	1031.536	1034.021	1036.505	1038.991	1041.476	1043.960	1046.446	1051.300	1056.154	1061.008
167.5	1062.049	1064.130	1066.209	1068.290	1070.370	1072.451	1074.531	1078.808	1083.085	1087.360
170.0	1090.308	1091.926	1093.545	1095.163	1096.781	1098.399	1100.017	1103.773	1107.530	1111.286
172.5	1117.007	1118.162	1119.319	1120.474	1121.630	1122.786	1123.941	1127.120	1130.299	1133.477
175.0	1142.492	1143.128	1143.763	1144.399	1145.035	1145.670	1146.306	1148.849	1151.391	1153.934
177.5	1165.897	1166.186	1166.475	1166.763	1167.052	1167.341	1167.630	1169.422	1171.213	1173.005
180.0	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463

Vert. Horizontal Angles

	<u>325.0</u>	<u>327.5</u>	<u>330.0</u>	<u>332.5</u>	<u>335.0</u>	<u>337.5</u>	<u>340.0</u>	<u>342.5</u>	<u>345.0</u>	<u>347.5</u>
0.0	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535	1190.535
2.5	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554	1188.554
5.0	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573	1186.573
7.5	1176.668	1176.668	1176.668	1176.668	1176.668	1176.668	1176.668	1176.668	1176.668	1176.668

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX4UD-4-00-L8-835U-L8-835D-ASYUP-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

10.0	1166.764	1166.764	1166.764	1164.783	1164.783	1164.783	1164.783	1164.783	1164.783	1164.783
12.5	1148.935	1148.935	1148.935	1146.954	1146.954	1146.954	1146.954	1146.954	1146.954	1148.935
15.0	1131.107	1131.107	1129.126	1129.126	1127.145	1127.145	1127.145	1129.126	1129.126	1131.107
17.5	1107.336	1107.336	1107.336	1105.355	1105.355	1105.355	1105.355	1107.336	1107.336	1107.336
20.0	1083.565	1083.565	1083.565	1083.565	1083.565	1083.565	1083.565	1083.565	1083.565	1083.565
22.5	1055.832	1055.832	1055.832	1055.832	1055.832	1055.832	1055.832	1055.832	1055.832	1055.832
25.0	1028.099	1026.118	1026.118	1026.118	1026.118	1026.118	1026.118	1026.118	1028.099	1028.099
27.5	994.423	994.423	994.423	994.423	994.423	994.423	994.423	994.423	994.423	994.423
30.0	960.748	962.729	962.729	962.729	962.729	962.729	962.729	962.729	962.729	962.729
32.5	921.129	921.129	923.110	923.110	925.091	925.091	925.091	925.091	925.091	925.091
35.0	879.530	879.530	881.511	883.492	885.473	887.453	887.453	887.453	887.453	887.453
37.5	837.930	839.911	839.911	841.892	843.873	845.854	845.854	845.854	845.854	845.854
40.0	796.331	798.312	798.312	800.293	800.293	802.274	802.274	802.274	802.274	802.274
42.5	756.713	756.713	756.713	756.713	758.693	758.693	758.693	758.693	758.693	758.693
45.0	715.113	715.113	715.113	715.113	715.113	715.113	715.113	715.113	715.113	715.113
47.5	673.514	673.514	673.514	673.514	673.514	675.495	673.514	673.514	673.514	673.514
50.0	631.914	633.895	633.895	633.895	633.895	633.895	633.895	631.914	631.914	629.933
52.5	590.315	590.315	590.315	590.315	590.315	590.315	590.315	588.334	588.334	588.334
55.0	546.735	546.735	546.735	546.735	546.735	546.735	546.735	546.735	546.735	546.735
57.5	499.193	499.193	499.193	499.193	499.193	499.193	499.193	499.193	499.193	499.193
60.0	451.650	451.650	451.650	449.670	449.670	449.670	449.670	449.670	449.670	449.670
62.5	408.070	408.070	408.070	406.089	406.089	406.089	406.089	406.089	406.089	406.089
65.0	364.490	364.490	364.490	362.509	362.509	362.509	362.509	362.509	362.509	362.509
67.5	322.890	320.909	320.909	320.909	318.929	318.929	318.929	318.929	318.929	318.929
70.0	279.310	279.310	277.329	277.329	275.348	275.348	275.348	273.367	273.367	273.367
72.5	241.673	239.692	239.692	237.711	237.711	235.730	235.730	233.749	233.749	231.768
75.0	202.054	202.054	200.073	198.092	198.092	196.111	196.111	194.131	194.131	192.149
77.5	164.417	162.436	160.455	158.474	156.493	156.493	154.512	154.512	152.531	152.531
80.0	124.798	122.817	120.836	118.855	116.874	114.894	114.894	112.913	112.913	110.932
82.5	93.103	91.123	89.141	87.161	85.180	83.199	83.199	81.218	81.218	79.237
85.0	63.389	59.428	57.447	55.466	53.485	51.504	49.523	49.523	47.542	47.542
87.5	43.580	41.599	39.618	37.638	35.657	35.657	33.676	31.695	31.695	29.714
90.0	24.107	24.112	22.137	20.162	20.168	18.193	16.437	16.662	14.907	13.151
92.5	33.094	31.494	29.895	30.276	28.677	29.058	28.216	27.373	28.512	27.669
95.0	53.947	52.387	52.809	51.251	51.672	50.114	49.606	51.080	50.572	52.045
97.5	80.646	79.250	79.833	78.436	77.039	77.622	77.531	79.421	79.329	81.219
100.0	110.409	109.341	108.273	109.187	108.118	107.050	109.472	109.912	112.333	114.754
102.5	144.869	144.211	143.554	144.877	144.219	143.562	146.642	147.741	150.821	153.901
105.0	181.276	181.087	180.897	182.689	182.499	182.310	186.043	187.795	191.528	195.261
107.5	217.840	220.141	220.459	220.779	223.078	223.398	227.668	229.958	234.228	238.499
110.0	257.473	258.363	261.236	262.127	264.998	265.890	270.634	273.398	278.142	282.887
112.5	297.671	299.093	302.497	303.920	307.324	308.747	314.017	317.307	322.577	327.847
115.0	337.534	339.483	343.412	345.361	349.290	351.239	356.938	360.654	366.353	372.050
117.5	375.808	378.121	382.415	384.728	389.021	393.315	397.414	403.493	409.573	413.671
120.0	413.950	416.581	421.192	425.804	428.435	433.046	439.577	446.106	450.656	457.186
122.5	451.191	456.415	461.639	464.883	470.106	475.331	480.209	487.069	493.928	500.788
125.0	491.042	496.555	500.088	505.600	509.133	514.646	521.945	529.244	536.542	543.841
127.5	528.716	534.547	540.378	544.228	550.059	555.890	561.653	569.397	577.140	584.884
130.0	567.811	571.956	578.082	584.207	588.352	594.477	602.510	610.543	618.576	626.609
132.5	606.471	610.790	617.088	623.388	627.705	634.005	642.269	650.532	658.796	667.061
135.0	645.595	650.202	656.790	663.378	667.985	674.573	682.952	691.332	699.711	708.091
137.5	685.527	690.366	697.185	704.004	708.842	715.661	724.098	732.536	740.972	749.410
140.0	725.517	730.471	737.406	744.340	749.295	756.229	764.724	773.219	781.714	790.209
142.5	765.565	770.519	777.453	784.388	789.342	796.276	804.714	813.151	821.589	830.025
145.0	804.804	809.815	816.808	823.801	828.812	835.804	844.011	852.216	860.423	868.629
147.5	841.079	848.014	854.949	859.902	866.838	873.772	881.747	889.722	897.697	905.672

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX4UD-4-00-L8-835U-L8-835D-ASYUP-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

150.0	878.353	883.134	889.895	896.656	903.418	910.179	917.981	925.782	933.584	941.386
152.5	911.567	918.154	924.742	931.330	937.918	944.506	952.192	959.878	967.564	975.250
155.0	944.679	951.094	957.509	963.923	970.337	976.753	984.207	991.662	999.117	1006.572
157.5	977.042	983.224	989.408	995.592	1001.775	1007.958	1015.009	1022.058	1029.110	1036.160
160.0	1007.902	1013.737	1019.574	1025.411	1031.248	1037.085	1043.614	1050.145	1056.675	1063.206
162.5	1037.778	1043.153	1048.527	1053.901	1059.276	1064.650	1070.545	1076.439	1082.333	1088.228
165.0	1065.863	1070.717	1075.572	1080.426	1085.281	1090.135	1095.335	1100.536	1105.738	1110.939
167.5	1091.637	1095.914	1100.190	1104.466	1108.743	1113.019	1117.527	1122.034	1126.542	1131.049
170.0	1115.042	1118.798	1122.555	1126.311	1130.067	1133.824	1137.580	1141.336	1145.093	1148.849
172.5	1136.655	1139.834	1143.012	1146.190	1149.369	1152.547	1155.436	1158.326	1161.215	1164.105
175.0	1156.477	1159.019	1161.562	1164.105	1166.648	1169.190	1171.098	1173.005	1174.912	1176.819
177.5	1174.796	1176.588	1178.379	1180.170	1181.962	1183.753	1184.563	1185.371	1186.181	1186.989
180.0	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463

Vert. Horizontal Angles

	<u>350.0</u>	<u>352.5</u>	<u>355.0</u>	<u>357.5</u>	<u>360.0</u>
0.0	1190.535	1190.535	1190.535	1190.535	1190.535
2.5	1188.554	1188.554	1188.554	1188.554	1188.554
5.0	1186.573	1186.573	1186.573	1186.573	1186.573
7.5	1176.668	1176.668	1176.668	1176.668	1176.668
10.0	1166.764	1166.764	1166.764	1166.764	1166.764
12.5	1148.935	1148.935	1148.935	1150.916	1150.916
15.0	1131.107	1133.088	1133.088	1135.069	1135.069
17.5	1107.336	1109.317	1109.317	1109.317	1111.298
20.0	1085.546	1085.546	1085.546	1085.546	1085.546
22.5	1055.832	1057.813	1057.813	1057.813	1057.813
25.0	1028.099	1028.099	1030.080	1030.080	1030.080
27.5	996.404	996.404	996.404	996.404	996.404
30.0	962.729	962.729	962.729	962.729	962.729
32.5	925.091	925.091	925.091	925.091	925.091
35.0	887.453	887.453	887.453	887.453	887.453
37.5	845.854	845.854	845.854	845.854	845.854
40.0	804.255	804.255	804.255	804.255	804.255
42.5	760.674	760.674	760.674	760.674	760.674
45.0	717.094	717.094	717.094	717.094	717.094
47.5	673.514	673.514	671.533	671.533	671.533
50.0	629.933	627.953	627.953	625.972	625.972
52.5	588.334	586.353	586.353	586.353	586.353
55.0	544.754	544.754	544.754	544.754	544.754
57.5	499.193	499.193	499.193	499.193	499.193
60.0	451.650	451.650	451.650	451.650	451.650
62.5	408.070	408.070	408.070	408.070	408.070
65.0	364.490	364.490	364.490	364.490	364.490
67.5	316.948	316.948	316.948	316.948	316.948
70.0	271.387	271.387	271.387	269.406	269.406
72.5	231.768	231.768	229.787	229.787	229.787
75.0	192.149	190.169	190.169	188.188	188.188
77.5	150.550	150.550	148.569	148.569	148.569
80.0	110.932	108.951	108.951	106.970	106.970
82.5	79.237	77.256	77.256	75.275	75.275
85.0	45.561	45.561	43.580	43.580	41.599
87.5	27.733	27.733	25.752	25.752	23.771
90.0	13.377	11.621	9.866	10.091	8.335
92.5	26.827	27.965	27.123	28.261	27.419
95.0	51.539	53.012	52.505	53.978	53.471

IES INDOOR REPORT**PHOTOMETRIC FILENAME : MX4UD-4-00-L8-835U-L8-835D-ASYUP-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

97.5	81.128	83.018	82.926	84.816	86.705
100.0	115.196	117.617	120.038	120.479	122.900
102.5	155.001	158.081	161.161	162.261	165.340
105.0	197.014	200.746	204.480	206.231	209.965
107.5	240.789	245.060	249.330	251.620	255.891
110.0	285.650	290.395	295.139	297.903	302.647
112.5	331.137	336.407	341.677	344.967	350.237
115.0	375.768	381.465	387.163	390.881	396.579
117.5	419.751	425.829	431.909	436.007	442.087
120.0	463.717	470.246	474.796	481.327	487.856
122.5	507.647	514.507	519.385	526.245	533.105
125.0	549.159	556.457	563.756	571.055	578.354
127.5	592.628	600.371	608.115	615.859	623.603
130.0	634.640	642.673	650.707	658.739	666.771
132.5	675.324	683.588	691.852	700.116	708.380
135.0	716.470	724.850	733.229	741.609	749.987
137.5	757.847	766.285	774.721	783.159	791.596
140.0	798.704	807.199	815.694	824.189	832.684
142.5	838.463	846.900	855.337	863.774	872.212
145.0	876.835	885.041	893.247	901.453	909.659
147.5	913.647	921.622	929.597	937.572	945.547
150.0	949.187	956.988	964.790	972.591	980.393
152.5	982.935	990.621	998.308	1005.994	1013.680
155.0	1014.027	1021.481	1028.936	1036.391	1043.846
157.5	1043.210	1050.260	1057.311	1064.361	1071.411
160.0	1069.735	1076.266	1082.795	1089.326	1095.856
162.5	1094.122	1100.017	1105.910	1111.805	1117.700
165.0	1116.140	1121.341	1126.542	1131.743	1136.944
167.5	1135.557	1140.064	1144.572	1149.079	1153.587
170.0	1152.605	1156.361	1160.118	1163.874	1167.630
172.5	1166.994	1169.884	1172.773	1175.663	1178.552
175.0	1178.726	1180.633	1182.540	1184.447	1186.354
177.5	1187.799	1188.607	1189.417	1190.225	1191.034
180.0	1189.463	1189.463	1189.463	1189.463	1189.463

IES INDOOR REPORT**PHOTOMETRIC FILENAME : MX4UD-4-00-L8-835U-L8-835D-ASYUP-DIM-UNV_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	430.84	N.A.	6.60
0-30	903.17	N.A.	13.80
0-40	1453.26	N.A.	22.30
0-60	2491.82	N.A.	38.20
0-80	3072.32	N.A.	47.10
0-90	3151.78	N.A.	48.30
10-90	3039.31	N.A.	46.60
20-40	1022.42	N.A.	15.70
20-50	1574.19	N.A.	24.10
40-70	1402.77	N.A.	21.50
60-80	580.50	N.A.	8.90
70-80	216.28	N.A.	3.30
80-90	79.46	N.A.	1.20
90-110	343.99	N.A.	5.30
90-120	756.66	N.A.	11.60
90-130	1288.00	N.A.	19.80
90-150	2452.8	N.A.	37.60
90-180	3369.74	N.A.	51.70
110-180	3025.75	N.A.	46.40
0-180	6521.52	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	112.47
10-20	318.37
20-30	472.32
30-40	550.10
40-50	551.76
50-60	486.79
60-70	364.21
70-80	216.28
80-90	79.46
90-100	92.55
100-110	251.44
110-120	412.67
120-130	531.34
130-140	588.58
140-150	576.22
150-160	483.45
160-170	321.06
170-180	112.44

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX4UD-4-00-L8-835U-L8-835D-ASYUP-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	107	107	107	107	98	98	98	98	82	82	82	68	68	68	55	55	55	48
1	97	93	89	85	89	86	82	79	72	70	67	59	58	56	48	47	46	40
2	88	81	75	70	81	75	69	65	63	59	56	52	49	47	42	40	38	34
3	81	71	64	58	74	66	59	54	55	51	47	46	42	40	37	35	33	28
4	74	63	55	49	68	58	51	46	49	44	40	41	37	34	33	30	28	24
5	68	56	48	42	62	52	45	39	44	38	34	37	33	29	30	27	24	21
6	62	50	42	36	57	47	39	34	40	34	30	33	29	26	27	24	22	19
7	58	45	37	32	53	42	35	30	36	30	26	30	26	23	25	22	19	16
8	53	41	33	28	49	38	31	26	33	27	23	28	23	20	23	20	17	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	15	13
10	46	34	27	22	43	32	26	21	28	22	19	23	19	16	20	16	14	12

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX4UD-4-00-L8-835U-L8-835D-ASYUP-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	15.0	15.9	16.0	16.9	18.2	15.1	16.0	16.1	16.9	18.2
	3H	16.7	17.5	17.7	18.5	19.8	16.9	17.7	17.9	18.7	20.0
	4H	17.3	18.0	18.3	19.0	20.4	17.6	18.3	18.6	19.3	20.7
	6H	17.7	18.4	18.7	19.4	20.7	18.2	18.9	19.2	19.9	21.2
	8H	17.8	18.5	18.8	19.5	20.8	18.5	19.1	19.5	20.1	21.4
	12H	17.9	18.5	18.9	19.5	20.9	18.7	19.3	19.7	20.3	21.6

UGR Viewed Endwise

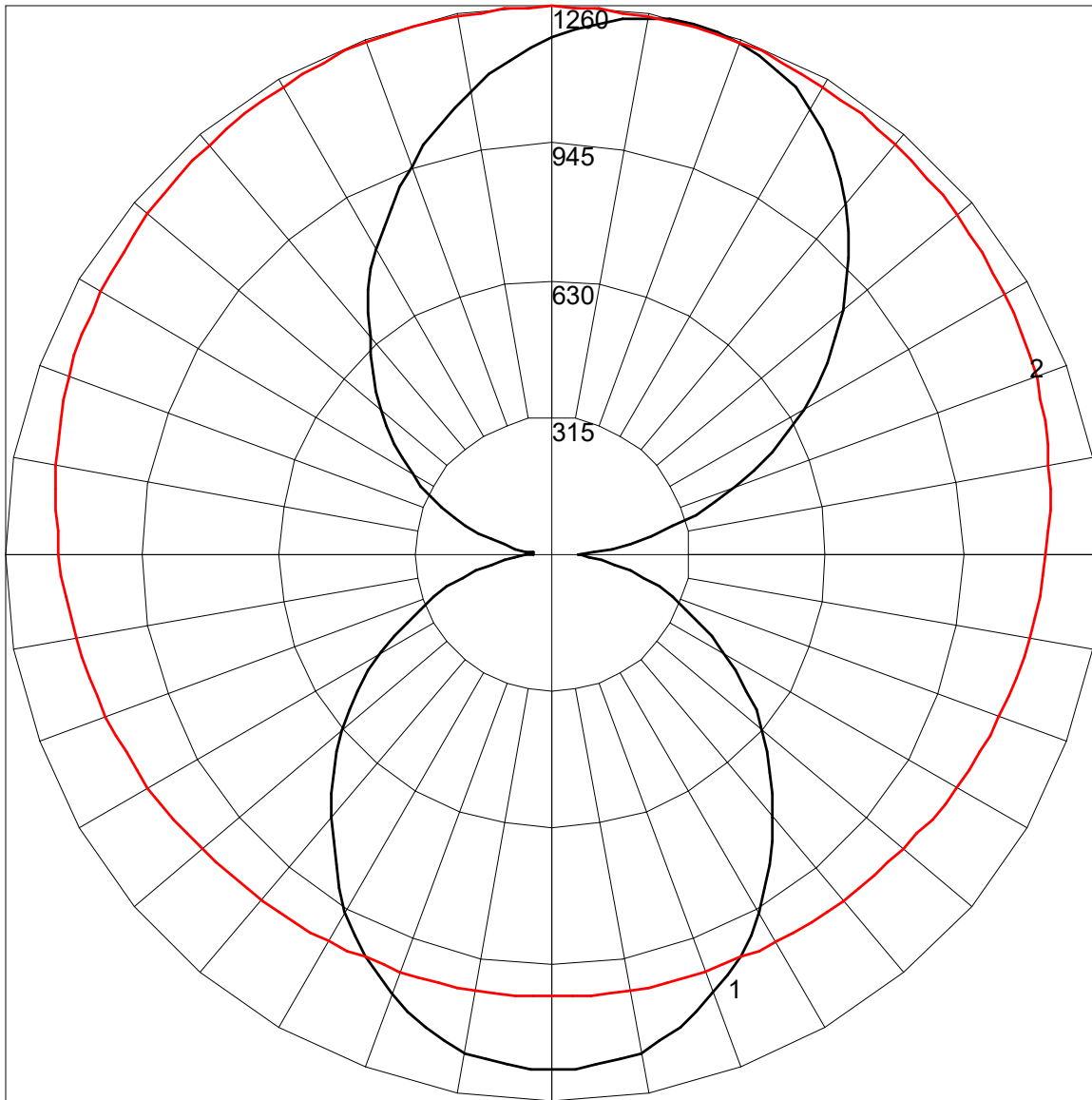
4H	2H	15.6	16.3	16.6	17.3	18.6	15.6	16.4	16.6	17.4	18.7
	3H	17.5	18.1	18.5	19.1	20.4	17.6	18.2	18.7	19.3	20.6
	4H	18.2	18.8	19.2	19.8	21.1	18.5	19.0	19.5	20.1	21.4
	6H	18.7	19.2	19.8	20.3	21.6	19.2	19.7	20.3	20.8	22.1
	8H	18.9	19.3	19.9	20.4	21.8	19.6	20.0	20.6	21.0	22.4
	12H	19.0	19.4	20.0	20.4	21.8	19.8	20.2	20.9	21.3	22.7
8H	4H	18.5	18.9	19.5	20.0	21.4	18.8	19.2	19.8	20.2	21.6
	6H	19.2	19.5	20.2	20.6	22.0	19.7	20.0	20.7	21.1	22.5
	8H	19.4	19.8	20.5	20.8	22.2	20.1	20.4	21.2	21.5	22.9
	12H	19.6	19.9	20.7	20.9	22.4	20.5	20.8	21.6	21.8	23.3
12H	4H	18.5	18.9	19.6	20.0	21.4	18.8	19.2	19.8	20.2	21.6
	6H	19.3	19.6	20.3	20.6	22.1	19.7	20.0	20.8	21.1	22.5
	8H	19.6	19.8	20.6	20.9	22.3	20.2	20.5	21.3	21.5	23.0

Maximum UGR = 23.3

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX4UD-4-00-L8-835U-L8-835D-ASYUP-DIM-UNV_.IES

POLAR GRAPH



Maximum Candela = 1260.208 Located At Horizontal Angle = 90, Vertical Angle = 165

1 - Vertical Plane Through Horizontal Angles (90 - 270)

2 - Horizontal Cone Through Vertical Angle (165) (Through Max. Cd.)