



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 8K 360P-2-URD-835-X-CA.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] 13551818.07  
 [TESTLAB] UL Verification Services Inc.  
 [ISSUEDATE] 11/9/2020  
 [MANUFAC] Lux Dynamics  
 [LUMCAT] 360P-2-URD-835-xxx-xx-CA  
 [LUMINAIRE] Gray cylindrical metal housing with diffuse plastic lens  
 [LAMP] White 918 LEDs  
 [BALLAST] One (1) OSRAM OPTOTRONIC OTi 85/120-277/2A3 DIM L HB  
 [OTHER] 25.6 C, 276.983 V, 0.191393 A, 50.1656 W, 0.946299 PF, 59.9708  
 [MORE] Hz  
 [OTHER] This test was performed using the calibrated photodetector met  
 [MORE] hod of absolute photometry.

**CHARACTERISTICS**

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	8129
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	162
Total Luminaire Watts	50.1656
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	1.92 ft
Luminous Width (90-270)	0.38 ft
Luminous Height	0.38 ft

**LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	11795	12163	12228
55	9810	9817	14210
65	6635	10923	12472
75	3174	10800	13582
85	1193	11668	13988

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**CANDELA TABULATION**

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>	<u>112.5</u>	<u>135.0</u>	<u>157.5</u>	<u>180.0</u>	<u>202.5</u>
<b>0.0</b>	958.3	958.3	958.3	958.3	958.3	958.3	958.3	958.3	958.3	958.3
<b>0.5</b>	976.9	962.5	962.1	959.4	961.3	959.4	962.1	962.5	976.9	955.8
<b>1.0</b>	976.8	966.1	969.4	970.4	973.6	970.4	969.4	966.1	976.8	953.3
<b>1.5</b>	976.9	969.4	976.2	979.4	982.7	979.4	976.2	969.4	976.9	950.7
<b>2.0</b>	976.0	972.5	981.7	984.3	987.9	984.3	981.7	972.5	976.0	949.4
<b>2.5</b>	976.8	975.7	986.5	990.6	994.3	990.6	986.5	975.7	976.8	948.1
<b>3.0</b>	975.9	979.3	989.6	994.0	995.7	994.0	989.6	979.3	975.9	947.5
<b>3.5</b>	975.8	982.4	991.8	994.1	996.8	994.1	991.8	982.4	975.8	947.9
<b>4.0</b>	975.1	983.9	993.2	996.2	999.6	996.2	993.2	983.9	975.1	948.2
<b>4.5</b>	974.5	985.0	994.5	995.2	994.2	995.2	994.5	985.0	974.5	948.8
<b>5.0</b>	974.2	985.4	994.5	990.6	990.0	990.6	994.5	985.4	974.2	949.8
<b>5.5</b>	973.1	986.5	993.3	987.8	990.8	987.8	993.3	986.5	973.1	951.9
<b>6.0</b>	972.5	987.7	991.6	988.2	990.6	988.2	991.6	987.7	972.5	954.8
<b>6.5</b>	971.5	988.2	988.3	988.7	993.8	988.7	988.3	988.2	971.5	957.4
<b>7.0</b>	970.3	989.3	987.0	991.0	997.2	991.0	987.0	989.3	970.3	959.8
<b>7.5</b>	969.8	989.4	986.4	994.0	1001.0	994.0	986.4	989.4	969.8	962.3
<b>8.0</b>	967.5	987.8	987.8	997.7	1010.0	997.7	987.8	987.8	967.5	964.6
<b>8.5</b>	966.6	986.0	988.9	1005.0	1014.0	1005.0	988.9	986.0	966.6	966.1
<b>9.0</b>	965.2	983.7	990.2	1010.0	1018.0	1010.0	990.2	983.7	965.2	967.5
<b>9.5</b>	963.7	981.9	992.9	1013.0	1033.0	1013.0	992.9	981.9	963.7	969.2
<b>10.0</b>	962.3	980.8	997.2	1023.0	1043.0	1023.0	997.2	980.8	962.3	970.8
<b>10.5</b>	960.4	979.3	1002.0	1035.0	1043.0	1035.0	1002.0	979.3	960.4	973.3
<b>11.0</b>	958.9	977.7	1005.0	1041.0	1037.0	1041.0	1005.0	977.7	958.9	975.8
<b>11.5</b>	956.9	975.7	1009.0	1038.0	1031.0	1038.0	1009.0	975.7	956.9	977.8
<b>12.0</b>	954.8	973.4	1014.0	1033.0	1037.0	1033.0	1014.0	973.4	954.8	979.0
<b>12.5</b>	952.8	971.1	1020.0	1030.0	1054.0	1030.0	1020.0	971.1	952.8	979.0
<b>13.0</b>	950.7	970.2	1025.0	1035.0	1075.0	1035.0	1025.0	970.2	950.7	978.2
<b>13.5</b>	948.1	970.3	1031.0	1049.0	1093.0	1049.0	1031.0	970.3	948.1	974.9
<b>14.0</b>	946.1	971.1	1034.0	1068.0	1104.0	1068.0	1034.0	971.1	946.1	969.7
<b>14.5</b>	943.3	972.1	1033.0	1084.0	1116.0	1084.0	1033.0	972.1	943.3	962.9
<b>15.0</b>	940.8	972.6	1030.0	1094.0	1122.0	1094.0	1030.0	972.6	940.8	954.9
<b>15.5</b>	938.5	973.3	1026.0	1104.0	1124.0	1104.0	1026.0	973.3	938.5	947.2
<b>16.0</b>	935.6	973.9	1026.0	1112.0	1122.0	1112.0	1026.0	973.9	935.6	939.2
<b>16.5</b>	932.3	976.0	1028.0	1112.0	1120.0	1112.0	1028.0	976.0	932.3	931.9
<b>17.0</b>	929.3	977.8	1034.0	1110.0	1119.0	1110.0	1034.0	977.8	929.3	925.3
<b>17.5</b>	925.3	979.9	1043.0	1108.0	1109.0	1108.0	1043.0	979.9	925.3	920.4
<b>18.0</b>	922.3	981.8	1053.0	1107.0	1094.0	1107.0	1053.0	981.8	922.3	915.3
<b>18.5</b>	918.3	983.3	1061.0	1105.0	1088.0	1105.0	1061.0	983.3	918.3	911.2
<b>19.0</b>	914.3	984.6	1069.0	1095.0	1099.0	1095.0	1069.0	984.6	914.3	906.0
<b>19.5</b>	910.9	985.9	1073.0	1083.0	1113.0	1083.0	1073.0	985.9	910.9	900.1
<b>20.0</b>	906.5	987.2	1074.0	1081.0	1113.0	1081.0	1074.0	987.2	906.5	894.4
<b>20.5</b>	902.4	988.9	1073.0	1091.0	1110.0	1091.0	1073.0	988.9	902.4	887.5
<b>21.0</b>	898.7	990.7	1070.0	1101.0	1117.0	1101.0	1070.0	990.7	898.7	882.2
<b>21.5</b>	894.3	992.5	1065.0	1102.0	1125.0	1102.0	1065.0	992.5	894.3	877.4
<b>22.0</b>	890.6	993.0	1060.0	1099.0	1120.0	1099.0	1060.0	993.0	890.6	875.1
<b>22.5</b>	886.6	994.0	1057.0	1101.0	1100.0	1101.0	1057.0	994.0	886.6	874.1
<b>23.0</b>	882.4	993.5	1056.0	1106.0	1086.0	1106.0	1056.0	993.5	882.4	873.1
<b>23.5</b>	877.5	992.5	1056.0	1106.0	1098.0	1106.0	1056.0	992.5	877.5	871.6
<b>24.0</b>	874.0	991.0	1054.0	1095.0	1126.0	1095.0	1054.0	991.0	874.0	868.3
<b>24.5</b>	869.6	989.1	1053.0	1082.0	1144.0	1082.0	1053.0	989.1	869.6	863.2
<b>25.0</b>	865.8	986.4	1051.0	1082.0	1147.0	1082.0	1051.0	986.4	865.8	857.9
<b>25.5</b>	861.7	984.1	1050.0	1101.0	1145.0	1101.0	1050.0	984.1	861.7	852.8
<b>26.0</b>	857.8	980.6	1047.0	1123.0	1140.0	1123.0	1047.0	980.6	857.8	848.1
<b>26.5</b>	853.9	975.8	1044.0	1135.0	1146.0	1135.0	1044.0	975.8	853.9	844.5

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**CANDELA TABULATION - (Cont.)**

27.0	849.7	969.5	1041.0	1135.0	1156.0	1135.0	1041.0	969.5	849.7	842.0
27.5	845.5	961.9	1038.0	1130.0	1164.0	1130.0	1038.0	961.9	845.5	840.2
28.0	841.5	954.5	1037.0	1127.0	1171.0	1127.0	1037.0	954.5	841.5	839.0
28.5	836.7	946.7	1039.0	1132.0	1174.0	1132.0	1039.0	946.7	836.7	837.6
29.0	832.9	940.1	1040.0	1142.0	1166.0	1142.0	1040.0	940.1	832.9	835.7
29.5	828.7	932.9	1041.0	1150.0	1161.0	1150.0	1041.0	932.9	828.7	833.1
30.0	823.9	927.2	1041.0	1156.0	1176.0	1156.0	1041.0	927.2	823.9	829.6
30.5	818.9	920.6	1040.0	1158.0	1197.0	1158.0	1040.0	920.6	818.9	825.7
31.0	814.4	914.0	1042.0	1151.0	1206.0	1151.0	1042.0	914.0	814.4	821.8
31.5	809.4	908.0	1048.0	1142.0	1203.0	1142.0	1048.0	908.0	809.4	818.6
32.0	804.2	901.4	1055.0	1147.0	1211.0	1147.0	1055.0	901.4	804.2	815.9
32.5	800.0	896.9	1061.0	1166.0	1233.0	1166.0	1061.0	896.9	800.0	812.6
33.0	795.4	895.2	1066.0	1184.0	1264.0	1184.0	1066.0	895.2	795.4	807.9
33.5	789.7	893.3	1069.0	1190.0	1291.0	1190.0	1069.0	893.3	789.7	802.5
34.0	786.5	891.3	1069.0	1196.0	1312.0	1196.0	1069.0	891.3	786.5	795.5
34.5	782.4	887.0	1066.0	1212.0	1306.0	1212.0	1066.0	887.0	782.4	789.7
35.0	778.4	882.1	1064.0	1235.0	1278.0	1235.0	1064.0	882.1	778.4	784.2
35.5	773.1	877.9	1062.0	1259.0	1255.0	1259.0	1062.0	877.9	773.1	778.2
36.0	769.4	873.5	1061.0	1276.0	1250.0	1276.0	1061.0	873.5	769.4	771.8
36.5	764.2	869.2	1062.0	1278.0	1252.0	1278.0	1062.0	869.2	764.2	766.4
37.0	760.0	864.2	1062.0	1258.0	1249.0	1258.0	1062.0	864.2	760.0	761.4
37.5	755.9	858.1	1058.0	1230.0	1234.0	1230.0	1058.0	858.1	755.9	754.6
38.0	750.7	851.6	1054.0	1210.0	1215.0	1210.0	1054.0	851.6	750.7	749.4
38.5	746.8	846.5	1055.0	1206.0	1192.0	1206.0	1055.0	846.5	746.8	742.7
39.0	741.3	843.4	1060.0	1204.0	1177.0	1204.0	1060.0	843.4	741.3	737.8
39.5	736.0	839.5	1064.0	1199.0	1167.0	1199.0	1064.0	839.5	736.0	732.1
40.0	729.6	835.1	1067.0	1186.0	1170.0	1186.0	1067.0	835.1	729.6	725.9
40.5	723.9	831.0	1069.0	1165.0	1176.0	1165.0	1069.0	831.0	723.9	719.3
41.0	717.8	826.8	1070.0	1149.0	1178.0	1149.0	1070.0	826.8	717.8	711.5
41.5	711.6	823.9	1071.0	1142.0	1174.0	1142.0	1071.0	823.9	711.6	702.8
42.0	705.7	820.4	1071.0	1137.0	1169.0	1137.0	1071.0	820.4	705.7	692.7
42.5	699.2	816.9	1071.0	1128.0	1164.0	1128.0	1071.0	816.9	699.2	682.8
43.0	692.8	812.4	1074.0	1112.0	1165.0	1112.0	1074.0	812.4	692.8	672.9
43.5	686.4	810.3	1076.0	1098.0	1164.0	1098.0	1076.0	810.3	686.4	663.9
44.0	680.0	807.1	1073.0	1096.0	1157.0	1096.0	1073.0	807.1	680.0	655.2
44.5	673.4	803.6	1068.0	1101.0	1150.0	1101.0	1068.0	803.6	673.4	646.9
45.0	666.6	798.2	1061.0	1103.0	1156.0	1103.0	1061.0	798.2	666.6	638.4
45.5	659.5	793.9	1055.0	1100.0	1169.0	1100.0	1055.0	793.9	659.5	629.3
46.0	652.2	789.7	1049.0	1098.0	1176.0	1098.0	1049.0	789.7	652.2	620.0
46.5	644.5	788.7	1043.0	1097.0	1182.0	1097.0	1043.0	788.7	644.5	610.9
47.0	636.5	789.1	1035.0	1096.0	1185.0	1096.0	1035.0	789.1	636.5	601.9
47.5	628.2	789.2	1025.0	1099.0	1193.0	1099.0	1025.0	789.2	628.2	592.5
48.0	619.3	788.3	1008.0	1101.0	1193.0	1101.0	1008.0	788.3	619.3	582.0
48.5	610.0	785.3	983.0	1094.0	1176.0	1094.0	983.0	785.3	610.0	571.7
49.0	600.4	783.1	956.9	1084.0	1156.0	1084.0	956.9	783.1	600.4	562.5
49.5	590.8	780.9	932.9	1090.0	1140.0	1090.0	932.9	780.9	590.8	554.0
50.0	581.3	779.7	914.5	1104.0	1142.0	1104.0	914.5	779.7	581.3	546.7
50.5	571.4	776.5	898.7	1115.0	1160.0	1115.0	898.7	776.5	571.4	539.4
51.0	562.0	771.2	885.6	1108.0	1185.0	1108.0	885.6	771.2	562.0	534.0
51.5	552.4	762.4	876.7	1089.0	1207.0	1089.0	876.7	762.4	552.4	528.8
52.0	542.6	749.9	867.9	1078.0	1222.0	1078.0	867.9	749.9	542.6	523.2
52.5	532.6	736.8	861.5	1082.0	1244.0	1082.0	861.5	736.8	532.6	516.5
53.0	522.2	724.2	856.3	1098.0	1283.0	1098.0	856.3	724.2	522.2	509.0
53.5	512.0	711.9	852.2	1119.0	1322.0	1119.0	852.2	711.9	512.0	500.2
54.0	502.0	699.3	845.7	1141.0	1350.0	1141.0	845.7	699.3	502.0	490.2
54.5	491.7	686.5	838.1	1165.0	1346.0	1165.0	838.1	686.5	491.7	480.3

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55.0	481.2	675.0	830.9	1199.0	1323.0	1199.0	830.9	675.0	481.2	470.7
55.5	470.8	663.8	826.3	1235.0	1287.0	1235.0	826.3	663.8	470.8	461.1
56.0	460.4	653.4	827.9	1258.0	1251.0	1258.0	827.9	653.4	460.4	451.3
56.5	450.2	644.8	831.5	1256.0	1225.0	1256.0	831.5	644.8	450.2	441.2
57.0	439.9	637.0	831.8	1237.0	1212.0	1237.0	831.8	637.0	439.9	431.4
57.5	429.5	629.3	834.5	1215.0	1202.0	1215.0	834.5	629.3	429.5	421.5
58.0	419.0	622.2	839.5	1196.0	1197.0	1196.0	839.5	622.2	419.0	411.4
58.5	408.6	615.5	846.6	1179.0	1192.0	1179.0	846.6	615.5	408.6	401.6
59.0	398.3	608.9	857.1	1162.0	1194.0	1162.0	857.1	608.9	398.3	392.1
59.5	387.8	602.9	871.0	1140.0	1202.0	1140.0	871.0	602.9	387.8	382.8
60.0	377.1	597.6	886.9	1119.0	1207.0	1119.0	886.9	597.6	377.1	374.1
60.5	366.5	592.7	902.8	1113.0	1206.0	1113.0	902.8	592.7	366.5	364.9
61.0	355.3	584.9	914.5	1124.0	1204.0	1124.0	914.5	584.9	355.3	356.1
61.5	344.0	576.4	918.0	1139.0	1194.0	1139.0	918.0	576.4	344.0	347.0
62.0	332.7	567.2	911.7	1140.0	1183.0	1140.0	911.7	567.2	332.7	337.4
62.5	321.1	557.3	899.6	1132.0	1179.0	1132.0	899.6	557.3	321.1	327.9
63.0	309.9	546.8	887.6	1126.0	1181.0	1126.0	887.6	546.8	309.9	318.7
63.5	298.9	536.8	877.1	1116.0	1175.0	1116.0	877.1	536.8	298.9	309.9
64.0	287.7	525.7	872.6	1113.0	1158.0	1113.0	872.6	525.7	287.7	301.6
64.5	277.1	514.0	869.3	1119.0	1132.0	1119.0	869.3	514.0	277.1	293.7
65.0	266.1	501.5	868.1	1121.0	1108.0	1121.0	868.1	501.5	266.1	286.5
65.5	255.1	488.8	867.8	1108.0	1108.0	1108.0	867.8	488.8	255.1	279.7
66.0	244.5	476.1	869.0	1085.0	1127.0	1085.0	869.0	476.1	244.5	273.4
66.5	233.8	464.5	871.0	1064.0	1138.0	1064.0	871.0	464.5	233.8	267.0
67.0	223.4	454.1	874.7	1052.0	1129.0	1052.0	874.7	454.1	223.4	260.7
67.5	213.1	444.4	879.2	1051.0	1122.0	1051.0	879.2	444.4	213.1	254.7
68.0	203.0	435.7	882.5	1051.0	1128.0	1051.0	882.5	435.7	203.0	248.4
68.5	193.0	427.9	882.5	1043.0	1132.0	1043.0	882.5	427.9	193.0	241.9
69.0	183.5	420.7	877.9	1035.0	1129.0	1035.0	877.9	420.7	183.5	235.3
69.5	174.3	414.1	870.5	1033.0	1115.0	1033.0	870.5	414.1	174.3	228.9
70.0	165.3	408.3	863.1	1040.0	1108.0	1040.0	863.1	408.3	165.3	222.4
70.5	157.0	402.8	856.1	1050.0	1118.0	1050.0	856.1	402.8	157.0	216.1
71.0	148.7	398.4	845.5	1052.0	1139.0	1052.0	845.5	398.4	148.7	210.6
71.5	140.9	393.1	830.7	1046.0	1147.0	1046.0	830.7	393.1	140.9	204.8
72.0	133.5	388.7	817.2	1039.0	1141.0	1039.0	817.2	388.7	133.5	199.3
72.5	126.4	384.9	807.2	1032.0	1131.0	1032.0	807.2	384.9	126.4	193.7
73.0	119.6	380.7	799.2	1021.0	1127.0	1021.0	799.2	380.7	119.6	188.7
73.5	113.0	376.6	790.2	1012.0	1129.0	1012.0	790.2	376.6	113.0	183.8
74.0	106.9	371.5	781.5	1009.0	1128.0	1009.0	781.5	371.5	106.9	179.2
74.5	100.8	365.8	777.1	1014.0	1119.0	1014.0	777.1	365.8	100.8	174.6
75.0	95.0	360.1	776.4	1016.0	1112.0	1016.0	776.4	360.1	95.0	170.2
75.5	89.5	354.7	774.8	1012.0	1105.0	1012.0	774.8	354.7	89.5	165.6
76.0	84.2	348.6	772.3	1008.0	1092.0	1008.0	772.3	348.6	84.2	160.9
76.5	79.1	342.7	766.9	1011.0	1078.0	1011.0	766.9	342.7	79.1	156.1
77.0	74.2	336.4	762.2	1013.0	1069.0	1013.0	762.2	336.4	74.2	151.1
77.5	69.6	330.1	757.8	1009.0	1067.0	1009.0	757.8	330.1	69.6	146.3
78.0	65.1	324.2	752.3	1009.0	1077.0	1009.0	752.3	324.2	65.1	141.0
78.5	60.9	318.3	745.4	1020.0	1086.0	1020.0	745.4	318.3	60.9	135.9
79.0	56.9	312.3	739.5	1034.0	1080.0	1034.0	739.5	312.3	56.9	130.8
79.5	53.0	306.5	738.2	1040.0	1071.0	1040.0	738.2	306.5	53.0	125.6
80.0	49.4	300.7	741.6	1037.0	1067.0	1037.0	741.6	300.7	49.4	120.7
80.5	45.9	294.1	745.7	1031.0	1055.0	1031.0	745.7	294.1	45.9	115.9
81.0	42.7	287.7	748.4	1019.0	1032.0	1019.0	748.4	287.7	42.7	111.5
81.5	39.6	281.6	746.5	1002.0	1017.0	1002.0	746.5	281.6	39.6	106.9
82.0	36.6	276.6	745.4	983.8	1008.0	983.8	745.4	276.6	36.6	102.4
82.5	33.9	272.1	743.2	968.5	1004.0	968.5	743.2	272.1	33.9	98.1

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**CANDELA TABULATION - (Cont.)**

83.0	31.3	268.3	739.0	962.7	1002.0	962.7	739.0	268.3	31.3	94.0
83.5	28.8	264.6	731.7	957.9	1007.0	957.9	731.7	264.6	28.8	90.3
84.0	26.6	261.7	726.4	956.2	1021.0	956.2	726.4	261.7	26.6	86.9
84.5	24.5	259.1	723.9	954.4	1023.0	954.4	723.9	259.1	24.5	83.7
85.0	22.5	256.4	724.9	948.5	1013.0	948.5	724.9	256.4	22.5	80.9
85.5	20.7	253.6	723.4	948.3	1011.0	948.3	723.4	253.6	20.7	78.4
86.0	19.0	251.2	720.1	944.2	1016.0	944.2	720.1	251.2	19.0	76.1
86.5	17.5	249.3	715.7	933.1	1017.0	933.1	715.7	249.3	17.5	74.2
87.0	16.1	247.7	713.4	925.7	1010.0	925.7	713.4	247.7	16.1	72.4
87.5	14.9	246.3	715.0	922.9	995.3	922.9	715.0	246.3	14.9	71.0
88.0	14.0	245.2	719.2	927.1	991.8	927.1	719.2	245.2	14.0	69.9
88.5	13.0	244.4	725.7	939.9	1001.0	939.9	725.7	244.4	13.0	69.1
89.0	12.3	244.0	728.6	945.1	1006.0	945.1	728.6	244.0	12.3	68.6
89.5	11.5	243.2	727.9	937.4	1003.0	937.4	727.9	243.2	11.5	68.3
90.0	11.1	242.1	728.4	932.4	1006.0	932.4	728.4	242.1	11.1	68.3
90.5	8.9	241.8	727.5	938.9	1003.0	938.9	727.5	241.8	8.9	67.4
91.0	9.5	242.0	729.0	943.3	1006.0	943.3	729.0	242.0	9.5	68.5
91.5	10.2	243.1	734.3	949.8	1016.0	949.8	734.3	243.1	10.2	70.0
92.0	11.0	243.9	736.3	942.6	1009.0	942.6	736.3	243.9	11.0	71.6
92.5	11.9	244.6	731.4	930.8	998.9	930.8	731.4	244.6	11.9	73.5
93.0	12.9	245.9	726.9	931.0	1005.0	931.0	726.9	245.9	12.9	75.9
93.5	14.1	247.4	724.6	939.4	1025.0	939.4	724.6	247.4	14.1	78.5
94.0	15.4	249.3	726.2	947.1	1035.0	947.1	726.2	249.3	15.4	81.5
94.5	16.9	251.2	732.2	956.7	1037.0	956.7	732.2	251.2	16.9	84.5
95.0	18.5	253.3	737.1	961.8	1040.0	961.8	737.1	253.3	18.5	87.7
95.5	20.2	255.9	737.2	962.3	1042.0	962.3	737.2	255.9	20.2	91.2
96.0	22.2	258.4	735.1	966.4	1052.0	966.4	735.1	258.4	22.2	94.9
96.5	24.3	261.2	736.9	968.2	1051.0	968.2	736.9	261.2	24.3	98.7
97.0	26.7	263.8	743.2	970.4	1042.0	970.4	743.2	263.8	26.7	102.9
97.5	29.1	267.3	750.7	971.0	1043.0	971.0	750.7	267.3	29.1	107.2
98.0	31.7	271.1	757.1	973.2	1044.0	973.2	757.1	271.1	31.7	111.8
98.5	34.5	275.6	760.6	991.3	1046.0	991.3	760.6	275.6	34.5	116.6
99.0	37.4	280.6	761.1	1010.0	1055.0	1010.0	761.1	280.6	37.4	121.4
99.5	40.5	286.4	763.1	1021.0	1066.0	1021.0	763.1	286.4	40.5	126.4
100.0	43.8	293.2	760.1	1027.0	1082.0	1027.0	760.1	293.2	43.8	131.2
100.5	47.4	300.0	754.5	1030.0	1089.0	1030.0	754.5	300.0	47.4	136.3
101.0	51.0	306.7	750.2	1031.0	1088.0	1031.0	750.2	306.7	51.0	141.4
101.5	54.9	312.6	754.9	1026.0	1098.0	1026.0	754.9	312.6	54.9	146.8
102.0	59.1	318.7	763.8	1013.0	1106.0	1013.0	763.8	318.7	59.1	152.6
102.5	63.6	324.9	769.4	1005.0	1097.0	1005.0	769.4	324.9	63.6	158.3
103.0	68.1	330.2	771.7	1006.0	1086.0	1006.0	771.7	330.2	68.1	164.3
103.5	73.0	336.1	775.4	1007.0	1083.0	1007.0	775.4	336.1	73.0	169.9
104.0	78.1	341.6	779.1	1005.0	1090.0	1005.0	779.1	341.6	78.1	175.2
104.5	83.4	347.0	784.3	1009.0	1101.0	1009.0	784.3	347.0	83.4	180.3
105.0	88.9	352.3	786.4	1020.0	1105.0	1020.0	786.4	352.3	88.9	185.3
105.5	94.8	356.8	786.4	1031.0	1105.0	1031.0	786.4	356.8	94.8	189.7
106.0	100.9	361.8	790.3	1037.0	1107.0	1037.0	790.3	361.8	100.9	193.7
106.5	107.3	367.2	796.0	1039.0	1117.0	1039.0	796.0	367.2	107.3	197.2
107.0	113.8	372.5	803.5	1044.0	1125.0	1044.0	803.5	372.5	113.8	200.4
107.5	120.8	377.6	811.4	1049.0	1130.0	1049.0	811.4	377.6	120.8	203.5
108.0	128.0	382.1	815.5	1049.0	1136.0	1049.0	815.5	382.1	128.0	207.1
108.5	135.4	387.2	822.6	1054.0	1140.0	1054.0	822.6	387.2	135.4	211.1
109.0	143.2	392.4	836.6	1067.0	1141.0	1067.0	836.6	392.4	143.2	215.2
109.5	151.5	398.4	850.7	1077.0	1138.0	1077.0	850.7	398.4	151.5	219.9
110.0	159.8	404.5	856.4	1075.0	1133.0	1075.0	856.4	404.5	159.8	225.0
110.5	168.7	410.7	859.3	1072.0	1135.0	1072.0	859.3	410.7	168.7	230.5

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**CANDELA TABULATION - (Cont.)**

111.0	177.9	416.4	865.0	1078.0	1146.0	1078.0	865.0	416.4	177.9	236.1
111.5	187.5	422.4	871.9	1093.0	1156.0	1093.0	871.9	422.4	187.5	242.3
112.0	197.0	429.4	875.1	1103.0	1159.0	1103.0	875.1	429.4	197.0	248.5
112.5	206.9	436.6	874.4	1103.0	1158.0	1103.0	874.4	436.6	206.9	255.0
113.0	217.1	444.7	874.1	1099.0	1160.0	1099.0	874.1	444.7	217.1	262.0
113.5	227.6	453.1	877.2	1096.0	1169.0	1096.0	877.2	453.1	227.6	269.0
114.0	238.1	461.9	880.4	1104.0	1177.0	1104.0	880.4	461.9	238.1	276.0
114.5	248.8	472.1	881.4	1116.0	1175.0	1116.0	881.4	472.1	248.8	283.8
115.0	259.7	483.2	880.9	1130.0	1167.0	1130.0	880.9	483.2	259.7	291.5
115.5	270.3	494.8	880.4	1135.0	1173.0	1135.0	880.4	494.8	270.3	299.3
116.0	280.9	506.5	878.3	1132.0	1193.0	1132.0	878.3	506.5	280.9	307.4
116.5	291.8	517.4	875.7	1133.0	1202.0	1133.0	875.7	517.4	291.8	315.4
117.0	302.6	527.6	872.7	1142.0	1200.0	1142.0	872.7	527.6	302.6	322.9
117.5	313.5	537.5	872.6	1156.0	1198.0	1156.0	872.6	537.5	313.5	330.1
118.0	324.7	547.3	873.6	1174.0	1193.0	1174.0	873.6	547.3	324.7	337.9
118.5	335.7	557.7	874.3	1193.0	1200.0	1193.0	874.3	557.7	335.7	345.9
119.0	346.6	567.4	872.1	1196.0	1218.0	1196.0	872.1	567.4	346.6	354.5
119.5	357.5	576.7	865.9	1190.0	1242.0	1190.0	865.9	576.7	357.5	362.8
120.0	368.1	585.3	855.6	1186.0	1260.0	1186.0	855.6	585.3	368.1	371.1
120.5	378.5	593.2	848.5	1190.0	1271.0	1190.0	848.5	593.2	378.5	379.7
121.0	389.0	600.8	845.5	1194.0	1274.0	1194.0	845.5	600.8	389.0	388.3
121.5	399.7	607.8	846.7	1191.0	1263.0	1191.0	846.7	607.8	399.7	397.1
122.0	410.0	615.7	849.6	1191.0	1260.0	1191.0	849.6	615.7	410.0	406.3
122.5	420.7	623.0	849.0	1196.0	1277.0	1196.0	849.0	623.0	420.7	415.9
123.0	430.6	630.8	847.3	1203.0	1290.0	1203.0	847.3	630.8	430.6	425.5
123.5	440.6	639.3	844.1	1209.0	1291.0	1209.0	844.1	639.3	440.6	435.6
124.0	450.8	648.1	842.6	1215.0	1279.0	1215.0	842.6	648.1	450.8	445.8
124.5	460.7	658.0	838.4	1208.0	1284.0	1208.0	838.4	658.0	460.7	455.9
125.0	470.5	668.3	834.0	1183.0	1298.0	1183.0	834.0	668.3	470.5	465.6
125.5	480.2	678.6	835.8	1144.0	1312.0	1144.0	835.8	678.6	480.2	474.2
126.0	490.0	690.1	843.5	1108.0	1312.0	1108.0	843.5	690.1	490.0	482.7
126.5	499.6	700.6	855.8	1086.0	1292.0	1086.0	855.8	700.6	499.6	490.7
127.0	510.0	712.7	865.9	1080.0	1250.0	1080.0	865.9	712.7	510.0	498.8
127.5	520.3	724.2	871.8	1080.0	1205.0	1080.0	871.8	724.2	520.3	506.8
128.0	530.7	736.1	876.2	1083.0	1177.0	1083.0	876.2	736.1	530.7	515.0
128.5	541.1	748.1	879.9	1087.0	1160.0	1087.0	879.9	748.1	541.1	522.2
129.0	551.6	757.9	885.6	1089.0	1152.0	1089.0	885.6	757.9	551.6	529.2
129.5	562.2	765.4	892.7	1090.0	1150.0	1090.0	892.7	765.4	562.2	536.3
130.0	572.1	772.3	905.5	1090.0	1152.0	1090.0	905.5	772.3	572.1	544.4
130.5	582.0	777.7	919.7	1091.0	1157.0	1091.0	919.7	777.7	582.0	552.9
131.0	591.3	781.0	940.3	1091.0	1164.0	1091.0	940.3	781.0	591.3	561.5
131.5	600.5	782.3	966.9	1096.0	1170.0	1096.0	966.9	782.3	600.5	569.0
132.0	609.1	781.5	995.9	1106.0	1169.0	1106.0	995.9	781.5	609.1	575.8
132.5	617.5	782.4	1022.0	1115.0	1165.0	1115.0	1022.0	782.4	617.5	581.8
133.0	625.6	785.0	1041.0	1122.0	1163.0	1122.0	1041.0	785.0	625.6	587.2
133.5	633.8	788.9	1048.0	1126.0	1174.0	1126.0	1048.0	788.9	633.8	593.8
134.0	641.2	793.2	1051.0	1126.0	1192.0	1126.0	1051.0	793.2	641.2	600.8
134.5	649.2	797.8	1051.0	1125.0	1198.0	1125.0	1051.0	797.8	649.2	609.9
135.0	656.8	803.2	1052.0	1125.0	1190.0	1125.0	1052.0	803.2	656.8	619.0
135.5	664.2	809.5	1053.0	1129.0	1185.0	1129.0	1053.0	809.5	664.2	628.6
136.0	671.4	815.7	1054.0	1131.0	1194.0	1131.0	1054.0	815.7	671.4	637.3
136.5	678.4	821.1	1057.0	1136.0	1203.0	1136.0	1057.0	821.1	678.4	644.4
137.0	685.3	825.1	1058.0	1147.0	1210.0	1147.0	1058.0	825.1	685.3	650.6
137.5	692.0	828.9	1056.0	1163.0	1211.0	1163.0	1056.0	828.9	692.0	656.6
138.0	698.8	834.3	1053.0	1175.0	1207.0	1175.0	1053.0	834.3	698.8	663.2
138.5	704.9	839.2	1051.0	1174.0	1204.0	1174.0	1051.0	839.2	704.9	670.7

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

139.0	711.0	843.9	1051.0	1169.0	1209.0	1169.0	1051.0	843.9	711.0	678.2
139.5	716.5	849.6	1051.0	1171.0	1224.0	1171.0	1051.0	849.6	716.5	687.1
140.0	721.4	855.1	1049.0	1192.0	1231.0	1192.0	1049.0	855.1	721.4	694.6
140.5	726.9	861.2	1044.0	1220.0	1225.0	1220.0	1044.0	861.2	726.9	700.8
141.0	732.7	866.8	1042.0	1241.0	1218.0	1241.0	1042.0	866.8	732.7	704.3
141.5	737.7	872.0	1041.0	1253.0	1211.0	1253.0	1041.0	872.0	737.7	707.8
142.0	742.0	877.0	1042.0	1255.0	1220.0	1255.0	1042.0	877.0	742.0	711.6
142.5	748.4	881.4	1047.0	1251.0	1245.0	1251.0	1047.0	881.4	748.4	717.3
143.0	752.4	886.7	1053.0	1246.0	1271.0	1246.0	1053.0	886.7	752.4	724.3
143.5	756.3	892.1	1060.0	1238.0	1288.0	1238.0	1060.0	892.1	756.3	731.7
144.0	760.3	898.4	1064.0	1226.0	1298.0	1226.0	1064.0	898.4	760.3	739.3
144.5	765.9	904.5	1067.0	1211.0	1305.0	1211.0	1067.0	904.5	765.9	747.5
145.0	770.4	909.8	1072.0	1202.0	1303.0	1202.0	1072.0	909.8	770.4	756.6
145.5	775.7	912.4	1078.0	1193.0	1286.0	1193.0	1078.0	912.4	775.7	767.5
146.0	780.3	913.7	1082.0	1187.0	1264.0	1187.0	1082.0	913.7	780.3	781.0
146.5	785.8	914.0	1084.0	1180.0	1239.0	1180.0	1084.0	914.0	785.8	794.3
147.0	790.8	914.2	1081.0	1169.0	1217.0	1169.0	1081.0	914.2	790.8	807.7
147.5	795.5	915.4	1077.0	1155.0	1209.0	1155.0	1077.0	915.4	795.5	817.7
148.0	800.3	918.2	1069.0	1142.0	1210.0	1142.0	1069.0	918.2	800.3	825.2
148.5	805.3	922.5	1063.0	1140.0	1201.0	1140.0	1063.0	922.5	805.3	831.3
149.0	810.0	927.0	1062.0	1151.0	1193.0	1151.0	1062.0	927.0	810.0	838.6
149.5	814.2	932.1	1062.0	1159.0	1181.0	1159.0	1062.0	932.1	814.2	846.7
150.0	819.1	937.5	1063.0	1158.0	1174.0	1158.0	1063.0	937.5	819.1	855.1
150.5	822.8	942.4	1064.0	1150.0	1170.0	1150.0	1064.0	942.4	822.8	864.7
151.0	827.0	947.1	1065.0	1144.0	1176.0	1144.0	1065.0	947.1	827.0	874.3
151.5	830.9	950.6	1062.0	1146.0	1181.0	1146.0	1062.0	950.6	830.9	883.4
152.0	834.9	953.7	1059.0	1154.0	1174.0	1154.0	1059.0	953.7	834.9	890.5
152.5	838.8	957.0	1058.0	1166.0	1159.0	1166.0	1058.0	957.0	838.8	895.4
153.0	842.4	960.9	1056.0	1178.0	1153.0	1178.0	1056.0	960.9	842.4	900.0
153.5	846.6	965.2	1055.0	1182.0	1160.0	1182.0	1055.0	965.2	846.6	903.6
154.0	850.0	969.2	1056.0	1175.0	1169.0	1175.0	1056.0	969.2	850.0	906.5
154.5	854.4	971.7	1057.0	1160.0	1184.0	1160.0	1057.0	971.7	854.4	908.5
155.0	858.3	971.2	1058.0	1149.0	1198.0	1149.0	1058.0	971.2	858.3	910.4
155.5	861.9	969.0	1057.0	1149.0	1199.0	1149.0	1057.0	969.0	861.9	910.5
156.0	865.7	966.0	1055.0	1150.0	1182.0	1150.0	1055.0	966.0	865.7	909.4
156.5	869.6	963.1	1049.0	1143.0	1167.0	1143.0	1049.0	963.1	869.6	908.3
157.0	873.2	961.2	1041.0	1135.0	1166.0	1135.0	1041.0	961.2	873.2	906.6
157.5	876.7	960.1	1038.0	1130.0	1170.0	1130.0	1038.0	960.1	876.7	903.0
158.0	879.7	959.6	1040.0	1131.0	1166.0	1131.0	1040.0	959.6	879.7	898.9
158.5	882.2	959.0	1044.0	1125.0	1153.0	1125.0	1044.0	959.0	882.2	895.5
159.0	884.9	957.7	1050.0	1111.0	1145.0	1111.0	1050.0	957.7	884.9	893.6
159.5	888.4	956.7	1057.0	1097.0	1144.0	1097.0	1057.0	956.7	888.4	895.2
160.0	891.6	955.4	1063.0	1092.0	1136.0	1092.0	1063.0	955.4	891.6	898.7
160.5	895.0	955.2	1066.0	1095.0	1119.0	1095.0	1066.0	955.2	895.0	903.0
161.0	898.8	954.9	1066.0	1099.0	1100.0	1099.0	1066.0	954.9	898.8	906.8
161.5	902.4	955.6	1065.0	1095.0	1093.0	1095.0	1065.0	955.6	902.4	908.6
162.0	905.7	956.1	1063.0	1089.0	1101.0	1089.0	1063.0	956.1	905.7	908.3
162.5	909.0	957.9	1061.0	1081.0	1107.0	1081.0	1061.0	957.9	909.0	908.4
163.0	912.2	960.3	1063.0	1076.0	1104.0	1076.0	1063.0	960.3	912.2	910.1
163.5	915.0	962.4	1067.0	1080.0	1096.0	1080.0	1067.0	962.4	915.0	915.4
164.0	917.6	963.5	1072.0	1092.0	1085.0	1092.0	1072.0	963.5	917.6	922.7
164.5	919.8	964.2	1078.0	1100.0	1081.0	1100.0	1078.0	964.2	919.8	930.8
165.0	921.9	964.8	1080.0	1097.0	1092.0	1097.0	1080.0	964.8	921.9	937.5
165.5	924.1	965.9	1077.0	1090.0	1104.0	1090.0	1077.0	965.9	924.1	941.9
166.0	926.0	968.7	1070.0	1083.0	1102.0	1083.0	1070.0	968.7	926.0	944.9
166.5	928.0	972.2	1057.0	1080.0	1094.0	1080.0	1057.0	972.2	928.0	946.4

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

167.0	930.6	975.3	1040.0	1080.0	1085.0	1080.0	1040.0	975.3	930.6	948.2
167.5	933.1	977.9	1025.0	1084.0	1082.0	1084.0	1025.0	977.9	933.1	950.7
168.0	935.2	979.6	1013.0	1093.0	1082.0	1093.0	1013.0	979.6	935.2	953.3
168.5	937.6	982.2	1003.0	1101.0	1085.0	1101.0	1003.0	982.2	937.6	956.9
169.0	940.0	985.5	995.6	1097.0	1096.0	1097.0	995.6	985.5	940.0	959.4
169.5	942.2	990.3	992.5	1079.0	1108.0	1079.0	992.5	990.3	942.2	961.4
170.0	944.5	994.8	990.8	1055.0	1098.0	1055.0	990.8	994.8	944.5	962.6
170.5	945.9	998.5	989.8	1032.0	1071.0	1032.0	989.8	998.5	945.9	963.5
171.0	947.7	1002.0	990.9	1015.0	1045.0	1015.0	990.9	1002.0	947.7	964.4
171.5	948.7	1005.0	992.6	1004.0	1020.0	1004.0	992.6	1005.0	948.7	962.8
172.0	949.4	1008.0	992.8	998.3	1006.0	998.3	992.8	1008.0	949.4	960.8
172.5	950.5	1012.0	992.7	996.8	999.0	996.8	992.7	1012.0	950.5	957.6
173.0	952.1	1014.0	992.9	996.7	995.6	996.7	992.9	1014.0	952.1	953.7
173.5	952.4	1015.0	992.9	997.9	996.2	997.9	992.9	1015.0	952.4	951.4
174.0	953.2	1014.0	995.8	998.6	997.7	998.6	995.8	1014.0	953.2	948.8
174.5	954.3	1011.0	1001.0	997.0	999.2	997.0	1001.0	1011.0	954.3	948.2
175.0	955.3	1009.0	1008.0	996.5	996.3	996.5	1008.0	1009.0	955.3	949.5
175.5	956.2	1006.0	1014.0	999.5	995.6	999.5	1014.0	1006.0	956.2	951.6
176.0	956.8	1004.0	1019.0	1006.0	999.7	1006.0	1019.0	1004.0	956.8	954.0
176.5	957.4	1001.0	1021.0	1016.0	1008.0	1016.0	1021.0	1001.0	957.4	957.2
177.0	958.2	995.3	1019.0	1022.0	1018.0	1022.0	1019.0	995.3	958.2	959.5
177.5	958.3	990.4	1014.0	1023.0	1023.0	1023.0	1014.0	990.4	958.3	961.7
178.0	959.0	986.0	1006.0	1019.0	1023.0	1019.0	1006.0	986.0	959.0	963.5
178.5	959.2	981.4	996.5	1008.0	1013.0	1008.0	996.5	981.4	959.2	964.5
179.0	960.0	976.9	987.2	996.1	998.1	996.1	987.2	976.9	960.0	966.6
179.5	959.6	973.6	979.0	984.8	987.0	984.8	979.0	973.6	959.6	968.7
180.0	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5

**Vert. Horizontal Angles**  
**Angles**

	<u>225.0</u>	<u>247.5</u>	<u>270.0</u>	<u>292.5</u>	<u>315.0</u>	<u>337.5</u>	<u>360.0</u>
0.0	958.3	958.3	958.3	958.3	958.3	958.3	958.3
0.5	952.6	952.4	954.1	952.4	952.6	955.8	976.9
1.0	951.5	951.8	952.8	951.8	951.5	953.3	976.8
1.5	951.2	954.3	957.7	954.3	951.2	950.7	976.9
2.0	953.4	964.0	969.3	964.0	953.4	949.4	976.0
2.5	957.5	975.2	979.2	975.2	957.5	948.1	976.8
3.0	963.8	981.4	984.8	981.4	963.8	947.5	975.9
3.5	971.0	987.1	992.2	987.1	971.0	947.9	975.8
4.0	977.0	995.5	1002.0	995.5	977.0	948.2	975.1
4.5	981.7	1004.0	1007.0	1004.0	981.7	948.8	974.5
5.0	986.0	1005.0	1003.0	1005.0	986.0	949.8	974.2
5.5	991.7	996.6	987.5	996.6	991.7	951.9	973.1
6.0	997.7	982.0	972.0	982.0	997.7	954.8	972.5
6.5	1001.0	968.5	963.6	968.5	1001.0	957.4	971.5
7.0	998.9	961.6	960.0	961.6	998.9	959.8	970.3
7.5	991.5	958.6	955.0	958.6	991.5	962.3	969.8
8.0	980.3	953.9	949.3	953.9	980.3	964.6	967.5
8.5	969.7	948.3	949.1	948.3	969.7	966.1	966.6
9.0	960.9	946.7	949.4	946.7	960.9	967.5	965.2
9.5	956.1	947.6	949.6	947.6	956.1	969.2	963.7
10.0	951.4	947.4	955.8	947.4	951.4	970.8	962.3
10.5	947.5	950.0	967.7	950.0	947.5	973.3	960.4
11.0	942.3	957.9	981.5	957.9	942.3	975.8	958.9
11.5	937.8	968.9	997.7	968.9	937.8	977.8	956.9
12.0	937.0	981.9	1013.0	981.9	937.0	979.0	954.8



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 8K 360P-2-URD-835-X-CA.IES**

**CANDELA TABULATION - (Cont.)**

12.5	937.8	996.5	1015.0	996.5	937.8	979.0	952.8
13.0	937.3	1010.0	999.6	1010.0	937.3	978.2	950.7
13.5	936.2	1011.0	985.7	1011.0	936.2	974.9	948.1
14.0	937.4	997.0	976.8	997.0	937.4	969.7	946.1
14.5	941.4	983.7	969.7	983.7	941.4	962.9	943.3
15.0	947.9	974.2	964.4	974.2	947.9	954.9	940.8
15.5	955.8	967.9	962.2	967.9	955.8	947.2	938.5
16.0	964.4	962.3	958.3	962.3	964.4	939.2	935.6
16.5	972.2	958.0	949.5	958.0	972.2	931.9	932.3
17.0	979.5	954.7	932.2	954.7	979.5	925.3	929.3
17.5	982.4	949.9	922.4	949.9	982.4	920.4	925.3
18.0	977.2	938.1	920.8	938.1	977.2	915.3	922.3
18.5	966.3	922.8	920.5	922.8	966.3	911.2	918.3
19.0	955.0	916.1	924.2	916.1	955.0	906.0	914.3
19.5	946.5	913.8	920.2	913.8	946.5	900.1	910.9
20.0	940.9	913.5	905.9	913.5	940.9	894.4	906.5
20.5	937.2	916.4	894.6	916.4	937.2	887.5	902.4
21.0	932.2	913.2	898.1	913.2	932.2	882.2	898.7
21.5	925.4	900.7	907.0	900.7	925.4	877.4	894.3
22.0	919.6	891.6	912.0	891.6	919.6	875.1	890.6
22.5	915.8	892.7	906.1	892.7	915.8	874.1	886.6
23.0	910.0	900.4	903.2	900.4	910.0	873.1	882.4
23.5	898.5	904.5	913.1	904.5	898.5	871.6	877.5
24.0	885.6	900.6	920.5	900.6	885.6	868.3	874.0
24.5	875.8	894.8	915.4	894.8	875.8	863.2	869.6
25.0	870.0	898.5	905.2	898.5	870.0	857.9	865.8
25.5	865.9	903.3	899.7	903.3	865.9	852.8	861.7
26.0	863.6	899.5	894.5	899.5	863.6	848.1	857.8
26.5	864.0	890.1	884.6	890.1	864.0	844.5	853.9
27.0	863.5	884.3	870.7	884.3	863.5	842.0	849.7
27.5	860.2	881.5	851.5	881.5	860.2	840.2	845.5
28.0	854.2	873.9	837.3	873.9	854.2	839.0	841.5
28.5	849.3	862.5	826.6	862.5	849.3	837.6	836.7
29.0	849.1	850.8	817.6	850.8	849.1	835.7	832.9
29.5	849.7	833.0	816.2	833.0	849.7	833.1	828.7
30.0	849.3	820.7	815.6	820.7	849.3	829.6	823.9
30.5	847.5	814.3	805.1	814.3	847.5	825.7	818.9
31.0	843.9	806.8	793.0	806.8	843.9	821.8	814.4
31.5	836.1	802.4	787.9	802.4	836.1	818.6	809.4
32.0	822.1	797.1	786.9	797.1	822.1	815.9	804.2
32.5	805.1	787.0	778.6	787.0	805.1	812.6	800.0
33.0	790.9	773.5	766.6	773.5	790.9	807.9	795.4
33.5	785.7	766.1	756.0	766.1	785.7	802.5	789.7
34.0	785.1	764.4	742.6	764.4	785.1	795.5	786.5
34.5	783.8	760.7	729.1	760.7	783.8	789.7	782.4
35.0	780.5	747.4	724.8	747.4	780.5	784.2	778.4
35.5	773.9	736.7	724.9	736.7	773.9	778.2	773.1
36.0	765.2	729.8	730.9	729.8	765.2	771.8	769.4
36.5	754.8	723.3	738.3	723.3	754.8	766.4	764.2
37.0	748.6	716.1	740.0	716.1	748.6	761.4	760.0
37.5	746.2	710.6	740.1	710.6	746.2	754.6	755.9
38.0	741.6	708.4	734.7	708.4	741.6	749.4	750.7
38.5	733.3	710.0	717.4	710.0	733.3	742.7	746.8
39.0	721.6	714.8	693.7	714.8	721.6	737.8	741.3
39.5	709.0	715.5	682.9	715.5	709.0	732.1	736.0
40.0	696.1	714.9	690.0	714.9	696.1	725.9	729.6

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

40.5	686.4	710.8	695.0	710.8	686.4	719.3	723.9
41.0	678.6	690.5	692.3	690.5	678.6	711.5	717.8
41.5	670.1	664.2	685.3	664.2	670.1	702.8	711.6
42.0	661.2	650.4	679.5	650.4	661.2	692.7	705.7
42.5	651.5	650.1	672.7	650.1	651.5	682.8	699.2
43.0	641.5	650.9	669.8	650.9	641.5	672.9	692.8
43.5	634.6	650.5	671.4	650.5	634.6	663.9	686.4
44.0	634.0	648.2	670.3	648.2	634.0	655.2	680.0
44.5	634.1	641.0	665.9	641.0	634.1	646.9	673.4
45.0	631.6	632.8	656.3	632.8	631.6	638.4	666.6
45.5	624.5	627.5	644.0	627.5	624.5	629.3	659.5
46.0	616.0	622.5	635.6	622.5	616.0	620.0	652.2
46.5	606.4	617.4	634.8	617.4	606.4	610.9	644.5
47.0	596.4	612.8	629.4	612.8	596.4	601.9	636.5
47.5	586.2	605.9	617.7	605.9	586.2	592.5	628.2
48.0	578.8	596.1	604.8	596.1	578.8	582.0	619.3
48.5	573.7	588.9	593.9	588.9	573.7	571.7	610.0
49.0	567.2	586.0	588.5	586.0	567.2	562.5	600.4
49.5	557.2	581.8	586.7	581.8	557.2	554.0	590.8
50.0	544.2	572.5	585.1	572.5	544.2	546.7	581.3
50.5	533.4	561.6	579.9	561.6	533.4	539.4	571.4
51.0	524.1	549.8	573.3	549.8	524.1	534.0	562.0
51.5	515.3	541.4	561.5	541.4	515.3	528.8	552.4
52.0	506.4	539.7	549.0	539.7	506.4	523.2	542.6
52.5	497.6	539.6	539.3	539.6	497.6	516.5	532.6
53.0	490.1	535.4	533.5	535.4	490.1	509.0	522.2
53.5	482.5	527.6	530.6	527.6	482.5	500.2	512.0
54.0	472.2	520.7	529.9	520.7	472.2	490.2	502.0
54.5	461.3	513.4	529.2	513.4	461.3	480.3	491.7
55.0	452.0	506.4	534.4	506.4	452.0	470.7	481.2
55.5	443.9	504.0	542.4	504.0	443.9	461.1	470.8
56.0	437.5	507.6	546.4	507.6	437.5	451.3	460.4
56.5	432.3	512.8	548.9	512.8	432.3	441.2	450.2
57.0	427.8	513.0	551.5	513.0	427.8	431.4	439.9
57.5	422.3	509.6	554.1	509.6	422.3	421.5	429.5
58.0	416.0	508.3	554.9	508.3	416.0	411.4	419.0
58.5	409.7	506.1	545.2	506.1	409.7	401.6	408.6
59.0	404.2	503.5	534.5	503.5	404.2	392.1	398.3
59.5	398.7	500.7	526.5	500.7	398.7	382.8	387.8
60.0	393.0	497.6	517.6	497.6	393.0	374.1	377.1
60.5	388.4	497.1	508.8	497.1	388.4	364.9	366.5
61.0	386.2	495.5	500.6	495.5	386.2	356.1	355.3
61.5	387.5	487.6	490.3	487.6	387.5	347.0	344.0
62.0	390.4	477.5	477.4	477.5	390.4	337.4	332.7
62.5	392.7	467.7	462.9	467.7	392.7	327.9	321.1
63.0	392.3	457.9	446.7	457.9	392.3	318.7	309.9
63.5	390.9	447.2	431.1	447.2	390.9	309.9	298.9
64.0	389.8	436.5	418.0	436.5	389.8	301.6	287.7
64.5	388.2	426.8	409.4	426.8	388.2	293.7	277.1
65.0	385.6	416.6	404.6	416.6	385.6	286.5	266.1
65.5	381.5	405.3	399.7	405.3	381.5	279.7	255.1
66.0	376.8	394.4	389.7	394.4	376.8	273.4	244.5
66.5	370.1	384.6	373.3	384.6	370.1	267.0	233.8
67.0	362.5	375.3	356.3	375.3	362.5	260.7	223.4
67.5	354.8	365.5	343.1	365.5	354.8	254.7	213.1
68.0	347.2	356.4	335.3	356.4	347.2	248.4	203.0

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 8K 360P-2-URD-835-X-CA.IES**

**CANDELA TABULATION - (Cont.)**

68.5	339.7	346.2	328.7	346.2	339.7	241.9	193.0
69.0	333.0	334.9	319.8	334.9	333.0	235.3	183.5
69.5	327.7	322.5	309.1	322.5	327.7	228.9	174.3
70.0	323.7	310.2	298.3	310.2	323.7	222.4	165.3
70.5	320.1	300.3	288.2	300.3	320.1	216.1	157.0
71.0	315.3	293.0	277.9	293.0	315.3	210.6	148.7
71.5	309.2	286.9	266.0	286.9	309.2	204.8	140.9
72.0	301.4	280.1	254.4	280.1	301.4	199.3	133.5
72.5	292.6	270.9	245.0	270.9	292.6	193.7	126.4
73.0	284.1	261.7	236.6	261.7	284.1	188.7	119.6
73.5	275.7	253.8	227.0	253.8	275.7	183.8	113.0
74.0	267.3	246.4	218.3	246.4	267.3	179.2	106.9
74.5	259.3	238.1	210.7	238.1	259.3	174.6	100.8
75.0	251.1	228.3	203.3	228.3	251.1	170.2	95.0
75.5	243.3	218.1	196.7	218.1	243.3	165.6	89.5
76.0	236.2	207.4	191.5	207.4	236.2	160.9	84.2
76.5	229.4	197.3	187.6	197.3	229.4	156.1	79.1
77.0	223.5	188.0	185.2	188.0	223.5	151.1	74.2
77.5	218.0	180.3	182.7	180.3	218.0	146.3	69.6
78.0	212.5	174.5	179.0	174.5	212.5	141.0	65.1
78.5	207.0	169.5	174.9	169.5	207.0	135.9	60.9
79.0	201.1	164.9	170.8	164.9	201.1	130.8	56.9
79.5	195.6	161.0	167.1	161.0	195.6	125.6	53.0
80.0	190.1	157.0	163.3	157.0	190.1	120.7	49.4
80.5	185.0	153.7	159.1	153.7	185.0	115.9	45.9
81.0	180.4	150.3	155.2	150.3	180.4	111.5	42.7
81.5	176.1	147.0	152.0	147.0	176.1	106.9	39.6
82.0	172.2	144.2	149.0	144.2	172.2	102.4	36.6
82.5	168.7	141.4	146.1	141.4	168.7	98.1	33.9
83.0	165.5	138.6	143.5	138.6	165.5	94.0	31.3
83.5	162.1	135.9	141.0	135.9	162.1	90.3	28.8
84.0	159.3	133.4	137.5	133.4	159.3	86.9	26.6
84.5	156.4	131.3	133.4	131.3	156.4	83.7	24.5
85.0	154.1	129.5	129.0	129.5	154.1	80.9	22.5
85.5	152.0	127.5	124.8	127.5	152.0	78.4	20.7
86.0	150.0	125.7	122.1	125.7	150.0	76.1	19.0
86.5	148.1	123.8	120.1	123.8	148.1	74.2	17.5
87.0	146.0	122.3	118.6	122.3	146.0	72.4	16.1
87.5	144.0	121.0	117.2	121.0	144.0	71.0	14.9
88.0	142.1	120.0	115.4	120.0	142.1	69.9	14.0
88.5	141.3	119.2	113.9	119.2	141.3	69.1	13.0
89.0	140.4	118.5	112.3	118.5	140.4	68.6	12.3
89.5	139.0	117.5	110.5	117.5	139.0	68.3	11.5
90.0	138.3	116.4	108.7	116.4	138.3	68.3	11.1
90.5	135.5	112.4	100.3	112.4	135.5	67.4	8.9
91.0	135.9	112.6	99.6	112.6	135.9	68.5	9.5
91.5	136.5	112.2	99.9	112.2	136.5	70.0	10.2
92.0	138.0	114.0	100.2	114.0	138.0	71.6	11.0
92.5	139.8	117.3	100.2	117.3	139.8	73.5	11.9
93.0	141.5	117.5	101.3	117.5	141.5	75.9	12.9
93.5	142.7	118.2	103.2	118.2	142.7	78.5	14.1
94.0	144.0	119.7	103.3	119.7	144.0	81.5	15.4
94.5	145.6	122.5	103.9	122.5	145.6	84.5	16.9
95.0	147.9	124.7	106.1	124.7	147.9	87.7	18.5
95.5	150.4	127.3	109.7	127.3	150.4	91.2	20.2
96.0	152.5	130.6	112.2	130.6	152.5	94.9	22.2

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 8K 360P-2-URD-835-X-CA.IES**

**CANDELA TABULATION - (Cont.)**

<b>96.5</b>	154.8	134.4	113.7	134.4	154.8	98.7	24.3
<b>97.0</b>	157.4	137.4	115.6	137.4	157.4	102.9	26.7
<b>97.5</b>	160.2	140.9	118.2	140.9	160.2	107.2	29.1
<b>98.0</b>	163.4	145.0	121.9	145.0	163.4	111.8	31.7
<b>98.5</b>	167.1	149.6	127.1	149.6	167.1	116.6	34.5
<b>99.0</b>	170.9	155.1	132.7	155.1	170.9	121.4	37.4
<b>99.5</b>	175.0	160.9	137.8	160.9	175.0	126.4	40.5
<b>100.0</b>	180.6	166.3	142.1	166.3	180.6	131.2	43.8
<b>100.5</b>	187.0	170.8	145.5	170.8	187.0	136.3	47.4
<b>101.0</b>	194.1	174.8	151.0	174.8	194.1	141.4	51.0
<b>101.5</b>	201.7	178.4	157.4	178.4	201.7	146.8	54.9
<b>102.0</b>	209.0	181.6	163.5	181.6	209.0	152.6	59.1
<b>102.5</b>	216.1	184.3	171.8	184.3	216.1	158.3	63.6
<b>103.0</b>	222.0	187.7	181.4	187.7	222.0	164.3	68.1
<b>103.5</b>	227.8	191.8	190.9	191.8	227.8	169.9	73.0
<b>104.0</b>	234.7	197.3	200.3	197.3	234.7	175.2	78.1
<b>104.5</b>	242.6	204.6	209.4	204.6	242.6	180.3	83.4
<b>105.0</b>	251.0	214.4	216.8	214.4	251.0	185.3	88.9
<b>105.5</b>	260.1	226.4	221.3	226.4	260.1	189.7	94.8
<b>106.0</b>	270.2	238.9	224.9	238.9	270.2	193.7	100.9
<b>106.5</b>	281.5	246.7	227.7	246.7	281.5	197.2	107.3
<b>107.0</b>	293.7	249.1	230.6	249.1	293.7	200.4	113.8
<b>107.5</b>	305.7	249.2	237.2	249.2	305.7	203.5	120.8
<b>108.0</b>	317.2	249.9	245.0	249.9	317.2	207.1	128.0
<b>108.5</b>	328.3	253.7	250.4	253.7	328.3	211.1	135.4
<b>109.0</b>	335.9	261.4	257.7	261.4	335.9	215.2	143.2
<b>109.5</b>	341.2	270.3	266.6	270.3	341.2	219.9	151.5
<b>110.0</b>	344.9	280.6	277.6	280.6	344.9	225.0	159.8
<b>110.5</b>	347.5	292.3	287.9	292.3	347.5	230.5	168.7
<b>111.0</b>	349.2	307.0	293.8	307.0	349.2	236.1	177.9
<b>111.5</b>	351.1	323.7	296.7	323.7	351.1	242.3	187.5
<b>112.0</b>	354.4	341.5	298.5	341.5	354.4	248.5	197.0
<b>112.5</b>	360.2	356.8	302.0	356.8	360.2	255.0	206.9
<b>113.0</b>	367.4	369.7	312.0	369.7	367.4	262.0	217.1
<b>113.5</b>	375.8	379.9	327.9	379.9	375.8	269.0	227.6
<b>114.0</b>	385.6	386.9	348.6	386.9	385.6	276.0	238.1
<b>114.5</b>	398.1	392.3	367.0	392.3	398.1	283.8	248.8
<b>115.0</b>	412.4	396.7	382.4	396.7	412.4	291.5	259.7
<b>115.5</b>	427.7	400.6	393.1	400.6	427.7	299.3	270.3
<b>116.0</b>	440.8	405.9	399.6	405.9	440.8	307.4	280.9
<b>116.5</b>	451.2	409.0	403.4	409.0	451.2	315.4	291.8
<b>117.0</b>	457.5	410.5	407.7	410.5	457.5	322.9	302.6
<b>117.5</b>	458.1	417.0	413.0	417.0	458.1	330.1	313.5
<b>118.0</b>	452.1	431.9	419.0	431.9	452.1	337.9	324.7
<b>118.5</b>	441.9	452.2	425.9	452.2	441.9	345.9	335.7
<b>119.0</b>	431.2	472.7	435.6	472.7	431.2	354.5	346.6
<b>119.5</b>	421.5	490.8	446.2	490.8	421.5	362.8	357.5
<b>120.0</b>	414.8	509.3	452.5	509.3	414.8	371.1	368.1
<b>120.5</b>	412.8	527.1	459.8	527.1	412.8	379.7	378.5
<b>121.0</b>	413.3	541.2	476.0	541.2	413.3	388.3	389.0
<b>121.5</b>	416.5	554.0	500.2	554.0	416.5	397.1	399.7
<b>122.0</b>	422.0	564.0	524.2	564.0	422.0	406.3	410.0
<b>122.5</b>	428.1	570.5	544.2	570.5	428.1	415.9	420.7
<b>123.0</b>	434.2	577.1	564.4	577.1	434.2	425.5	430.6
<b>123.5</b>	439.8	585.8	584.7	585.8	439.8	435.6	440.6
<b>124.0</b>	444.0	588.8	601.4	588.8	444.0	445.8	450.8

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 8K 360P-2-URD-835-X-CA.IES**

**CANDELA TABULATION - (Cont.)**

124.5	445.9	589.5	617.2	589.5	445.9	455.9	460.7
125.0	448.1	586.5	628.2	586.5	448.1	465.6	470.5
125.5	454.5	576.7	630.7	576.7	454.5	474.2	480.2
126.0	466.3	571.8	631.6	571.8	466.3	482.7	490.0
126.5	479.0	574.4	631.6	574.4	479.0	490.7	499.6
127.0	489.5	577.8	627.2	577.8	489.5	498.8	510.0
127.5	496.2	576.0	617.9	576.0	496.2	506.8	520.3
128.0	502.8	565.1	605.8	565.1	502.8	515.0	530.7
128.5	512.0	556.1	593.3	556.1	512.0	522.2	541.1
129.0	520.0	555.2	590.4	555.2	520.0	529.2	551.6
129.5	525.1	557.8	598.3	557.8	525.1	536.3	562.2
130.0	531.0	562.7	610.9	562.7	531.0	544.4	572.1
130.5	539.3	567.7	614.6	567.7	539.3	552.9	582.0
131.0	549.5	573.1	606.2	573.1	549.5	561.5	591.3
131.5	562.8	579.8	597.1	579.8	562.8	569.0	600.5
132.0	579.4	585.5	596.3	585.5	579.4	575.8	609.1
132.5	596.9	591.7	604.0	591.7	596.9	581.8	617.5
133.0	611.7	596.9	611.4	596.9	611.7	587.2	625.6
133.5	622.2	595.5	612.9	595.5	622.2	593.8	633.8
134.0	628.0	589.5	613.4	589.5	628.0	600.8	641.2
134.5	629.7	590.6	614.1	590.6	629.7	609.9	649.2
135.0	629.3	600.0	622.1	600.0	629.3	619.0	656.8
135.5	628.9	607.4	634.6	607.4	628.9	628.6	664.2
136.0	635.0	611.4	642.6	611.4	635.0	637.3	671.4
136.5	650.2	612.0	638.7	612.0	650.2	644.4	678.4
137.0	666.7	612.4	632.5	612.4	666.7	650.6	685.3
137.5	677.0	616.2	634.9	616.2	677.0	656.6	692.0
138.0	685.7	622.3	639.5	622.3	685.7	663.2	698.8
138.5	695.0	627.3	642.6	627.3	695.0	670.7	704.9
139.0	706.7	633.9	643.6	633.9	706.7	678.2	711.0
139.5	716.9	645.1	644.5	645.1	716.9	687.1	716.5
140.0	721.9	666.1	647.5	666.1	721.9	694.6	721.4
140.5	721.4	703.1	655.7	703.1	721.4	700.8	726.9
141.0	724.0	744.7	664.2	744.7	724.0	704.3	732.7
141.5	731.0	772.8	669.6	772.8	731.0	707.8	737.7
142.0	736.7	776.9	677.1	776.9	736.7	711.6	742.0
142.5	738.7	770.8	698.4	770.8	738.7	717.3	748.4
143.0	745.7	760.5	736.9	760.5	745.7	724.3	752.4
143.5	756.5	756.5	779.2	756.5	756.5	731.7	756.3
144.0	764.7	764.2	801.2	764.2	764.7	739.3	760.3
144.5	768.0	776.8	803.5	776.8	768.0	747.5	765.9
145.0	766.0	780.5	794.4	780.5	766.0	756.6	770.4
145.5	763.3	772.5	781.2	772.5	763.3	767.5	775.7
146.0	765.2	769.3	777.5	769.3	765.2	781.0	780.3
146.5	772.0	783.7	789.6	783.7	772.0	794.3	785.8
147.0	786.2	804.0	805.1	804.0	786.2	807.7	790.8
147.5	802.5	817.5	802.6	817.5	802.5	817.7	795.5
148.0	813.3	820.6	793.0	820.6	813.3	825.2	800.3
148.5	816.5	820.4	796.3	820.4	816.5	831.3	805.3
149.0	816.9	816.0	815.7	816.0	816.9	838.6	810.0
149.5	818.4	807.3	832.6	807.3	818.4	846.7	814.2
150.0	823.7	806.3	835.9	806.3	823.7	855.1	819.1
150.5	833.6	817.4	838.1	817.4	833.6	864.7	822.8
151.0	844.7	828.9	834.4	828.9	844.7	874.3	827.0
151.5	852.7	835.6	825.7	835.6	852.7	883.4	830.9
152.0	856.8	835.4	823.5	835.4	856.8	890.5	834.9

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 8K 360P-2-URD-835-X-CA.IES**

**CANDELA TABULATION - (Cont.)**

152.5	858.1	830.1	832.7	830.1	858.1	895.4	838.8
153.0	862.0	830.4	844.4	830.4	862.0	900.0	842.4
153.5	867.9	848.9	848.9	848.9	867.9	903.6	846.6
154.0	876.1	872.6	846.8	872.6	876.1	906.5	850.0
154.5	884.9	882.9	841.8	882.9	884.9	908.5	854.4
155.0	891.2	878.7	846.7	878.7	891.2	910.4	858.3
155.5	895.3	875.3	870.9	875.3	895.3	910.5	861.9
156.0	898.9	885.1	893.1	885.1	898.9	909.4	865.7
156.5	905.8	899.4	892.8	899.4	905.8	908.3	869.6
157.0	912.7	906.2	885.7	906.2	912.7	906.6	873.2
157.5	915.8	904.5	889.2	904.5	915.8	903.0	876.7
158.0	915.9	902.5	906.1	902.5	915.9	898.9	879.7
158.5	915.5	911.7	916.9	911.7	915.5	895.5	882.2
159.0	916.8	928.4	914.9	928.4	916.8	893.6	884.9
159.5	919.9	942.2	909.9	942.2	919.9	895.2	888.4
160.0	923.9	949.4	918.2	949.4	923.9	898.7	891.6
160.5	924.7	951.1	938.0	951.1	924.7	903.0	895.0
161.0	925.7	951.9	953.3	951.9	925.7	906.8	898.8
161.5	928.2	954.2	959.4	954.2	928.2	908.6	902.4
162.0	934.9	957.1	961.7	957.1	934.9	908.3	905.7
162.5	945.5	955.9	961.9	955.9	945.5	908.4	909.0
163.0	958.6	954.8	962.9	954.8	958.6	910.1	912.2
163.5	968.9	955.9	963.6	955.9	968.9	915.4	915.0
164.0	969.7	957.1	961.8	957.1	969.7	922.7	917.6
164.5	965.3	956.2	961.9	956.2	965.3	930.8	919.8
165.0	964.4	952.7	963.5	952.7	964.4	937.5	921.9
165.5	969.4	951.4	962.9	951.4	969.4	941.9	924.1
166.0	972.2	956.0	957.6	956.0	972.2	944.9	926.0
166.5	966.8	965.5	955.7	965.5	966.8	946.4	928.0
167.0	958.0	977.9	958.6	977.9	958.0	948.2	930.6
167.5	950.9	982.4	968.0	982.4	950.9	950.7	933.1
168.0	946.8	975.8	981.8	975.8	946.8	953.3	935.2
168.5	943.1	975.4	984.2	975.4	943.1	956.9	937.6
169.0	943.2	980.1	976.9	980.1	943.2	959.4	940.0
169.5	945.9	975.2	978.8	975.2	945.9	961.4	942.2
170.0	947.8	963.5	982.8	963.5	947.8	962.6	944.5
170.5	950.6	956.7	970.9	956.7	950.6	963.5	945.9
171.0	958.9	951.6	961.1	951.6	958.9	964.4	947.7
171.5	969.2	951.3	955.3	951.3	969.2	962.8	948.7
172.0	973.1	954.1	951.2	954.1	973.1	960.8	949.4
172.5	971.7	958.2	954.9	958.2	971.7	957.6	950.5
173.0	971.2	967.1	958.3	967.1	971.2	953.7	952.1
173.5	973.5	977.1	966.5	977.1	973.5	951.4	952.4
174.0	976.2	977.6	979.3	977.6	976.2	948.8	953.2
174.5	977.4	975.6	979.0	975.6	977.4	948.2	954.3
175.0	975.6	978.5	976.2	978.5	975.6	949.5	955.3
175.5	971.0	980.8	980.8	980.8	971.0	951.6	956.2
176.0	961.7	979.5	980.8	979.5	961.7	954.0	956.8
176.5	953.0	973.5	977.8	973.5	953.0	957.2	957.4
177.0	950.5	960.1	967.0	960.1	950.5	959.5	958.2
177.5	954.2	951.1	952.0	951.1	954.2	961.7	958.3
178.0	960.1	955.4	952.4	955.4	960.1	963.5	959.0
178.5	963.5	963.5	963.2	963.5	963.5	964.5	959.2
179.0	964.5	965.8	965.4	965.8	964.5	966.6	960.0
179.5	966.3	966.7	965.2	966.7	966.3	968.7	959.6
180.0	970.5	970.5	970.5	970.5	970.5	970.5	970.5

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 8K 360P-2-URD-835-X-CA.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	373.67	N.A.	4.60
0-30	815.39	N.A.	10.00
0-40	1381.62	N.A.	17.00
0-60	2619.56	N.A.	32.20
0-80	3662.33	N.A.	45.10
0-90	4060.91	N.A.	50.00
10-90	3967.48	N.A.	48.80
20-40	1007.95	N.A.	12.40
20-50	1627.89	N.A.	20.00
40-70	1807.95	N.A.	22.20
60-80	1042.76	N.A.	12.80
70-80	472.76	N.A.	5.80
80-90	398.59	N.A.	4.90
90-110	872.41	N.A.	10.70
90-120	1443.76	N.A.	17.80
90-130	2065.73	N.A.	25.40
90-150	3250.56	N.A.	40.00
90-180	4068.24	N.A.	50.00
110-180	3195.83	N.A.	39.30
0-180	8129.16	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	93.43
10-20	280.24
20-30	441.71
30-40	566.24
40-50	619.94
50-60	618.00
60-70	570.01
70-80	472.76
80-90	398.59
90-100	398.92
100-110	473.49
110-120	571.34
120-130	621.97
130-140	616.65
140-150	568.19
150-160	444.37
160-170	279.72
170-180	93.58

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 8K 360P-2-URD-835-X-CA.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	99	99	99	99	83	83	83	69	69	69	56	56	56	50	0
1	96	90	86	81	88	83	79	75	70	67	64	57	55	53	46	44	43	38	38
2	86	78	71	65	79	72	65	60	60	55	51	49	46	43	39	37	35	30	30
3	78	68	59	53	71	62	55	49	52	47	42	43	39	35	34	31	29	24	24
4	71	59	51	44	65	55	47	41	46	40	35	38	33	30	30	27	24	20	20
5	65	53	44	37	59	49	41	35	41	35	30	34	29	25	27	23	21	17	17
6	60	47	38	32	55	43	36	30	37	30	26	30	25	22	24	21	18	15	15
7	55	42	34	28	50	39	32	26	33	27	23	27	23	19	22	18	16	13	13
8	51	38	30	25	47	35	28	23	30	24	20	25	20	17	20	17	14	11	11
9	48	35	27	22	44	32	25	20	27	22	18	23	18	15	19	15	12	10	10
10	44	32	24	19	41	30	23	18	25	20	16	21	17	13	17	14	11	9	9



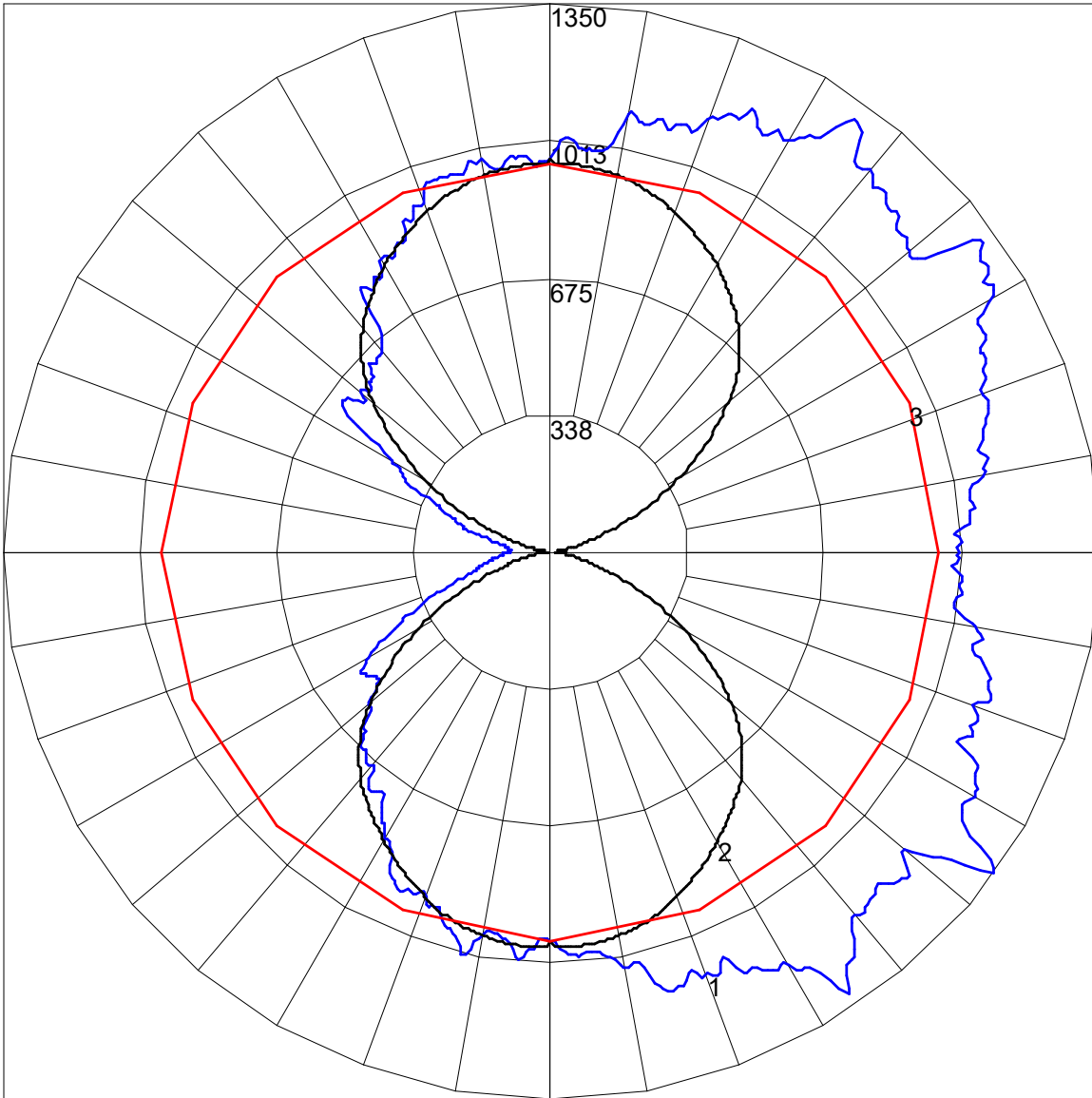
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 8K 360P-2-URD-835-X-CA.IES**

**UGR TABLE - CORRECTED**

Reflectances											
Ceiling Cavity	70	70	50	50	30	70	70	50	50	30	
Walls	50	30	50	30	30	50	30	50	30	30	
Floor Cavity	20	20	20	20	20	20	20	20	20	20	
Room Size		UGR Viewed Crosswise					UGR Viewed Endwise				
X=2H	Y=2H	13.3	14.3	14.3	15.2	16.5	20.6	21.5	21.5	22.5	23.7
	3H	14.3	15.1	15.2	16.1	17.4	23.4	24.3	24.4	25.3	26.6
	4H	14.5	15.3	15.5	16.3	17.6	25.0	25.8	26.0	26.8	28.1
	6H	14.6	15.3	15.6	16.3	17.6	26.7	27.4	27.6	28.4	29.7
	8H	14.6	15.3	15.6	16.3	17.6	27.5	28.2	28.4	29.2	30.5
	12H	14.6	15.3	15.6	16.3	17.6	28.3	29.0	29.3	30.0	31.3
4H	2H	15.0	15.8	16.0	16.8	18.1	20.8	21.6	21.8	22.6	23.9
	3H	16.3	17.0	17.3	18.0	19.4	23.9	24.6	24.9	25.7	27.0
	4H	16.7	17.4	17.7	18.4	19.7	25.7	26.4	26.7	27.4	28.7
	6H	17.0	17.5	18.0	18.6	19.9	27.6	28.2	28.6	29.2	30.5
	8H	17.0	17.6	18.0	18.6	19.9	28.5	29.0	29.5	30.0	31.4
	12H	17.0	17.5	18.1	18.5	19.9	29.5	30.0	30.5	31.0	32.3
8H	4H	18.3	18.8	19.3	19.9	21.2	25.9	26.4	26.9	27.4	28.7
	6H	18.9	19.3	19.9	20.4	21.7	28.0	28.4	29.0	29.5	30.8
	8H	19.0	19.4	20.1	20.5	21.8	29.0	29.4	30.0	30.5	31.8
	12H	19.1	19.5	20.2	20.5	21.9	30.2	30.5	31.2	31.6	33.0
12H	4H	18.8	19.3	19.8	20.3	21.7	25.8	26.3	26.8	27.3	28.7
	6H	19.6	20.0	20.7	21.1	22.5	28.0	28.4	29.0	29.4	30.8
	8H	20.0	20.3	21.0	21.3	22.7	29.1	29.5	30.1	30.5	31.9

Maximum UGR = 33.0

POLAR GRAPH



Maximum Candela = 1350 Located At Horizontal Angle = 90, Vertical Angle = 54  
# 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)  
# 2 - Vertical Plane Through Horizontal Angles (0 - 180)  
# 3 - Horizontal Cone Through Vertical Angle (0)