



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 7K 360P-2-RD-835-X-WA.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] 13551818.04  
 [TESTLAB] UL Verification Services Inc.  
 [ISSUEDATE] 11/9/2020  
 [MANUFAC] Lux Dynamics  
 [LUMCAT] 360P-2-DR-835-xxx-xx-WA  
 [LUMINAIRE] Gray cylindrical metal housing with diffuse plastic lens  
 [LAMP] White 612 LEDs  
 [BALLAST] One (1) OSRAM OPTOTRONIC OTi 85/120-277/2A3 DIM L HB  
 [OTHER] 25.7 C, 276.993 V, 0.194153 A, 51.0226 W, 0.948742 PF, 59.9711  
 [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	7037
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	138
Total Luminaire Watts	51.0226
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.72
Spacing Criterion (Diagonal)	1.44
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	1.92 ft
Luminous Width (90-270)	0.38 ft
Luminous Height	0.25 ft

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

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	14843	16520	19256
55	13051	16227	20187
65	10766	16411	21722
75	7573	17275	24011
85	2867	19274	27637

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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>	1339.0	1339.0	1339.0	1339.0	1339.0	1339.0	1339.0	1339.0	1339.0	1339.0
<b>0.5</b>	1343.0	1339.0	1340.0	1342.0	1344.0	1342.0	1340.0	1339.0	1343.0	1337.0
<b>1.0</b>	1342.0	1341.0	1342.0	1345.0	1348.0	1345.0	1342.0	1341.0	1342.0	1335.0
<b>1.5</b>	1342.0	1342.0	1347.0	1349.0	1351.0	1349.0	1347.0	1342.0	1342.0	1332.0
<b>2.0</b>	1341.0	1343.0	1348.0	1352.0	1357.0	1352.0	1348.0	1343.0	1341.0	1330.0
<b>2.5</b>	1339.0	1346.0	1352.0	1355.0	1360.0	1355.0	1352.0	1346.0	1339.0	1328.0
<b>3.0</b>	1341.0	1345.0	1352.0	1358.0	1362.0	1358.0	1352.0	1345.0	1341.0	1325.0
<b>3.5</b>	1339.0	1346.0	1355.0	1362.0	1366.0	1362.0	1355.0	1346.0	1339.0	1324.0
<b>4.0</b>	1337.0	1347.0	1358.0	1366.0	1370.0	1366.0	1358.0	1347.0	1337.0	1321.0
<b>4.5</b>	1336.0	1348.0	1360.0	1370.0	1376.0	1370.0	1360.0	1348.0	1336.0	1317.0
<b>5.0</b>	1334.0	1347.0	1363.0	1375.0	1382.0	1375.0	1363.0	1347.0	1334.0	1313.0
<b>5.5</b>	1333.0	1349.0	1364.0	1378.0	1384.0	1378.0	1364.0	1349.0	1333.0	1311.0
<b>6.0</b>	1332.0	1351.0	1366.0	1381.0	1388.0	1381.0	1366.0	1351.0	1332.0	1308.0
<b>6.5</b>	1332.0	1350.0	1370.0	1385.0	1393.0	1385.0	1370.0	1350.0	1332.0	1305.0
<b>7.0</b>	1327.0	1349.0	1371.0	1389.0	1395.0	1389.0	1371.0	1349.0	1327.0	1300.0
<b>7.5</b>	1324.0	1350.0	1372.0	1393.0	1401.0	1393.0	1372.0	1350.0	1324.0	1297.0
<b>8.0</b>	1321.0	1350.0	1375.0	1397.0	1407.0	1397.0	1375.0	1350.0	1321.0	1294.0
<b>8.5</b>	1320.0	1348.0	1377.0	1400.0	1411.0	1400.0	1377.0	1348.0	1320.0	1289.0
<b>9.0</b>	1316.0	1347.0	1379.0	1403.0	1414.0	1403.0	1379.0	1347.0	1316.0	1285.0
<b>9.5</b>	1314.0	1345.0	1381.0	1406.0	1417.0	1406.0	1381.0	1345.0	1314.0	1282.0
<b>10.0</b>	1312.0	1347.0	1382.0	1411.0	1421.0	1411.0	1382.0	1347.0	1312.0	1277.0
<b>10.5</b>	1308.0	1345.0	1384.0	1414.0	1426.0	1414.0	1384.0	1345.0	1308.0	1272.0
<b>11.0</b>	1304.0	1345.0	1385.0	1416.0	1430.0	1416.0	1385.0	1345.0	1304.0	1268.0
<b>11.5</b>	1301.0	1343.0	1385.0	1418.0	1433.0	1418.0	1385.0	1343.0	1301.0	1265.0
<b>12.0</b>	1298.0	1341.0	1387.0	1422.0	1435.0	1422.0	1387.0	1341.0	1298.0	1259.0
<b>12.5</b>	1293.0	1340.0	1388.0	1424.0	1440.0	1424.0	1388.0	1340.0	1293.0	1255.0
<b>13.0</b>	1289.0	1339.0	1388.0	1425.0	1441.0	1425.0	1388.0	1339.0	1289.0	1249.0
<b>13.5</b>	1285.0	1336.0	1388.0	1429.0	1445.0	1429.0	1388.0	1336.0	1285.0	1243.0
<b>14.0</b>	1281.0	1334.0	1388.0	1430.0	1448.0	1430.0	1388.0	1334.0	1281.0	1238.0
<b>14.5</b>	1277.0	1333.0	1390.0	1432.0	1451.0	1432.0	1390.0	1333.0	1277.0	1233.0
<b>15.0</b>	1271.0	1331.0	1390.0	1436.0	1454.0	1436.0	1390.0	1331.0	1271.0	1228.0
<b>15.5</b>	1268.0	1327.0	1391.0	1439.0	1456.0	1439.0	1391.0	1327.0	1268.0	1221.0
<b>16.0</b>	1263.0	1325.0	1390.0	1440.0	1461.0	1440.0	1390.0	1325.0	1263.0	1218.0
<b>16.5</b>	1256.0	1322.0	1388.0	1443.0	1464.0	1443.0	1388.0	1322.0	1256.0	1211.0
<b>17.0</b>	1250.0	1320.0	1390.0	1444.0	1468.0	1444.0	1390.0	1320.0	1250.0	1204.0
<b>17.5</b>	1246.0	1316.0	1387.0	1447.0	1469.0	1447.0	1387.0	1316.0	1246.0	1199.0
<b>18.0</b>	1240.0	1313.0	1388.0	1448.0	1473.0	1448.0	1388.0	1313.0	1240.0	1193.0
<b>18.5</b>	1236.0	1311.0	1387.0	1450.0	1476.0	1450.0	1387.0	1311.0	1236.0	1188.0
<b>19.0</b>	1229.0	1306.0	1386.0	1453.0	1477.0	1453.0	1386.0	1306.0	1229.0	1181.0
<b>19.5</b>	1223.0	1304.0	1386.0	1453.0	1480.0	1453.0	1386.0	1304.0	1223.0	1174.0
<b>20.0</b>	1218.0	1300.0	1385.0	1457.0	1485.0	1457.0	1385.0	1300.0	1218.0	1167.0
<b>20.5</b>	1212.0	1296.0	1385.0	1457.0	1486.0	1457.0	1385.0	1296.0	1212.0	1160.0
<b>21.0</b>	1207.0	1291.0	1383.0	1459.0	1488.0	1459.0	1383.0	1291.0	1207.0	1152.0
<b>21.5</b>	1204.0	1288.0	1381.0	1460.0	1491.0	1460.0	1381.0	1288.0	1204.0	1145.0
<b>22.0</b>	1199.0	1284.0	1380.0	1463.0	1494.0	1463.0	1380.0	1284.0	1199.0	1138.0
<b>22.5</b>	1192.0	1279.0	1379.0	1463.0	1495.0	1463.0	1379.0	1279.0	1192.0	1129.0
<b>23.0</b>	1184.0	1275.0	1379.0	1464.0	1497.0	1464.0	1379.0	1275.0	1184.0	1122.0
<b>23.5</b>	1177.0	1270.0	1377.0	1466.0	1499.0	1466.0	1377.0	1270.0	1177.0	1114.0
<b>24.0</b>	1170.0	1265.0	1375.0	1466.0	1503.0	1466.0	1375.0	1265.0	1170.0	1106.0
<b>24.5</b>	1163.0	1259.0	1375.0	1465.0	1502.0	1465.0	1375.0	1259.0	1163.0	1098.0
<b>25.0</b>	1155.0	1254.0	1372.0	1467.0	1504.0	1467.0	1372.0	1254.0	1155.0	1090.0
<b>25.5</b>	1147.0	1251.0	1372.0	1466.0	1505.0	1466.0	1372.0	1251.0	1147.0	1082.0
<b>26.0</b>	1139.0	1244.0	1370.0	1467.0	1501.0	1467.0	1370.0	1244.0	1139.0	1074.0
<b>26.5</b>	1132.0	1241.0	1368.0	1467.0	1504.0	1467.0	1368.0	1241.0	1132.0	1065.0

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27.0	1123.0	1235.0	1366.0	1466.0	1506.0	1466.0	1366.0	1235.0	1123.0	1057.0
27.5	1116.0	1227.0	1363.0	1466.0	1506.0	1466.0	1363.0	1227.0	1116.0	1048.0
28.0	1108.0	1223.0	1360.0	1467.0	1506.0	1467.0	1360.0	1223.0	1108.0	1040.0
28.5	1100.0	1219.0	1359.0	1464.0	1507.0	1464.0	1359.0	1219.0	1100.0	1032.0
29.0	1092.0	1213.0	1355.0	1464.0	1509.0	1464.0	1355.0	1213.0	1092.0	1023.0
29.5	1084.0	1205.0	1354.0	1464.0	1509.0	1464.0	1354.0	1205.0	1084.0	1014.0
30.0	1076.0	1202.0	1351.0	1463.0	1508.0	1463.0	1351.0	1202.0	1076.0	1005.0
30.5	1067.0	1195.0	1346.0	1462.0	1509.0	1462.0	1346.0	1195.0	1067.0	996.6
31.0	1058.0	1191.0	1342.0	1463.0	1511.0	1463.0	1342.0	1191.0	1058.0	987.8
31.5	1050.0	1184.0	1340.0	1461.0	1510.0	1461.0	1340.0	1184.0	1050.0	978.5
32.0	1042.0	1178.0	1337.0	1463.0	1509.0	1463.0	1337.0	1178.0	1042.0	969.2
32.5	1033.0	1171.0	1333.0	1459.0	1513.0	1459.0	1333.0	1171.0	1033.0	960.1
33.0	1024.0	1165.0	1329.0	1458.0	1510.0	1458.0	1329.0	1165.0	1024.0	950.9
33.5	1015.0	1158.0	1326.0	1458.0	1512.0	1458.0	1326.0	1158.0	1015.0	941.4
34.0	1006.0	1151.0	1321.0	1456.0	1512.0	1456.0	1321.0	1151.0	1006.0	931.4
34.5	997.5	1145.0	1316.0	1457.0	1513.0	1457.0	1316.0	1145.0	997.5	922.2
35.0	988.4	1138.0	1312.0	1455.0	1514.0	1455.0	1312.0	1138.0	988.4	912.5
35.5	979.2	1131.0	1306.0	1455.0	1513.0	1455.0	1306.0	1131.0	979.2	902.7
36.0	970.1	1124.0	1303.0	1454.0	1513.0	1454.0	1303.0	1124.0	970.1	893.2
36.5	960.5	1116.0	1299.0	1454.0	1516.0	1454.0	1299.0	1116.0	960.5	883.2
37.0	950.9	1109.0	1295.0	1452.0	1515.0	1452.0	1295.0	1109.0	950.9	873.2
37.5	941.2	1103.0	1291.0	1450.0	1516.0	1450.0	1291.0	1103.0	941.2	863.6
38.0	931.6	1095.0	1285.0	1449.0	1517.0	1449.0	1285.0	1095.0	931.6	853.7
38.5	921.9	1088.0	1281.0	1448.0	1517.0	1448.0	1281.0	1088.0	921.9	844.1
39.0	912.3	1081.0	1278.0	1447.0	1514.0	1447.0	1278.0	1081.0	912.3	834.5
39.5	902.3	1073.0	1272.0	1447.0	1515.0	1447.0	1272.0	1073.0	902.3	824.5
40.0	892.5	1066.0	1268.0	1445.0	1515.0	1445.0	1268.0	1066.0	892.5	814.8
40.5	882.7	1058.0	1262.0	1444.0	1516.0	1444.0	1262.0	1058.0	882.7	804.8
41.0	872.8	1050.0	1256.0	1441.0	1515.0	1441.0	1256.0	1050.0	872.8	795.4
41.5	862.8	1043.0	1252.0	1440.0	1515.0	1440.0	1252.0	1043.0	862.8	785.7
42.0	853.0	1035.0	1249.0	1440.0	1517.0	1440.0	1249.0	1035.0	853.0	775.9
42.5	843.3	1027.0	1244.0	1439.0	1517.0	1439.0	1244.0	1027.0	843.3	766.1
43.0	833.0	1019.0	1239.0	1436.0	1518.0	1436.0	1239.0	1019.0	833.0	756.4
43.5	823.0	1012.0	1233.0	1435.0	1518.0	1435.0	1233.0	1012.0	823.0	746.4
44.0	813.0	1004.0	1230.0	1435.0	1519.0	1435.0	1230.0	1004.0	813.0	736.7
44.5	803.3	995.6	1226.0	1433.0	1519.0	1433.0	1226.0	995.6	803.3	726.8
45.0	793.1	987.6	1221.0	1433.0	1517.0	1433.0	1221.0	987.6	793.1	716.9
45.5	783.2	979.2	1215.0	1431.0	1517.0	1431.0	1215.0	979.2	783.2	707.2
46.0	773.2	971.0	1211.0	1428.0	1516.0	1428.0	1211.0	971.0	773.2	697.4
46.5	763.2	962.5	1206.0	1427.0	1517.0	1427.0	1206.0	962.5	763.2	687.3
47.0	753.0	954.0	1201.0	1425.0	1516.0	1425.0	1201.0	954.0	753.0	677.6
47.5	743.1	945.2	1197.0	1425.0	1516.0	1425.0	1197.0	945.2	743.1	667.7
48.0	733.1	936.4	1194.0	1423.0	1517.0	1423.0	1194.0	936.4	733.1	657.9
48.5	723.3	928.1	1187.0	1421.0	1516.0	1421.0	1187.0	928.1	723.3	648.0
49.0	713.1	919.4	1184.0	1420.0	1517.0	1420.0	1184.0	919.4	713.1	638.2
49.5	703.3	910.5	1178.0	1418.0	1517.0	1418.0	1178.0	910.5	703.3	628.3
50.0	693.4	901.9	1173.0	1416.0	1517.0	1416.0	1173.0	901.9	693.4	618.5
50.5	683.3	893.1	1168.0	1415.0	1516.0	1415.0	1168.0	893.1	683.3	608.7
51.0	673.1	884.4	1163.0	1413.0	1517.0	1413.0	1163.0	884.4	673.1	598.8
51.5	663.1	875.8	1158.0	1412.0	1515.0	1412.0	1158.0	875.8	663.1	589.1
52.0	653.3	866.6	1153.0	1411.0	1514.0	1411.0	1153.0	866.6	653.3	579.4
52.5	643.3	858.0	1147.0	1408.0	1514.0	1408.0	1147.0	858.0	643.3	570.0
53.0	633.1	849.1	1143.0	1407.0	1516.0	1407.0	1143.0	849.1	633.1	560.1
53.5	623.4	840.5	1138.0	1406.0	1514.0	1406.0	1138.0	840.5	623.4	550.7
54.0	613.5	831.6	1133.0	1403.0	1516.0	1403.0	1133.0	831.6	613.5	541.2
54.5	603.4	822.7	1128.0	1403.0	1513.0	1403.0	1128.0	822.7	603.4	532.0

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55.0	593.6	813.9	1123.0	1400.0	1511.0	1400.0	1123.0	813.9	593.6	522.6
55.5	583.6	805.0	1118.0	1401.0	1513.0	1401.0	1118.0	805.0	583.6	513.6
56.0	573.6	796.3	1113.0	1399.0	1512.0	1399.0	1113.0	796.3	573.6	504.2
56.5	563.4	787.4	1108.0	1396.0	1513.0	1396.0	1108.0	787.4	563.4	495.2
57.0	553.7	778.3	1103.0	1394.0	1510.0	1394.0	1103.0	778.3	553.7	486.0
57.5	543.2	769.7	1099.0	1392.0	1510.0	1392.0	1099.0	769.7	543.2	476.9
58.0	532.9	761.0	1093.0	1391.0	1510.0	1391.0	1093.0	761.0	532.9	467.8
58.5	522.7	752.1	1088.0	1388.0	1508.0	1388.0	1088.0	752.1	522.7	458.7
59.0	512.6	743.2	1083.0	1387.0	1506.0	1387.0	1083.0	743.2	512.6	449.7
59.5	502.3	734.3	1079.0	1385.0	1508.0	1385.0	1079.0	734.3	502.3	440.6
60.0	491.7	725.6	1074.0	1381.0	1506.0	1381.0	1074.0	725.6	491.7	431.6
60.5	481.5	716.8	1069.0	1379.0	1505.0	1379.0	1069.0	716.8	481.5	422.4
61.0	471.1	708.4	1064.0	1378.0	1505.0	1378.0	1064.0	708.4	471.1	413.3
61.5	461.1	699.6	1059.0	1375.0	1505.0	1375.0	1059.0	699.6	461.1	404.1
62.0	450.7	690.8	1054.0	1374.0	1502.0	1374.0	1054.0	690.8	450.7	395.1
62.5	440.5	682.1	1049.0	1371.0	1501.0	1371.0	1049.0	682.1	440.5	385.8
63.0	430.0	673.7	1044.0	1367.0	1499.0	1367.0	1044.0	673.7	430.0	376.9
63.5	419.8	665.0	1039.0	1365.0	1496.0	1365.0	1039.0	665.0	419.8	367.8
64.0	409.5	656.2	1034.0	1363.0	1495.0	1363.0	1034.0	656.2	409.5	358.6
64.5	399.5	647.7	1029.0	1359.0	1493.0	1359.0	1029.0	647.7	399.5	349.3
65.0	389.2	639.3	1024.0	1357.0	1491.0	1357.0	1024.0	639.3	389.2	340.7
65.5	379.2	630.8	1019.0	1355.0	1489.0	1355.0	1019.0	630.8	379.2	331.4
66.0	369.1	622.7	1014.0	1351.0	1488.0	1351.0	1014.0	622.7	369.1	322.6
66.5	359.0	614.1	1008.0	1348.0	1489.0	1348.0	1008.0	614.1	359.0	313.9
67.0	348.8	606.1	1003.0	1346.0	1485.0	1346.0	1003.0	606.1	348.8	304.9
67.5	338.6	598.1	998.2	1343.0	1484.0	1343.0	998.2	598.1	338.6	296.2
68.0	328.7	590.2	993.4	1341.0	1479.0	1341.0	993.4	590.2	328.7	287.5
68.5	318.8	582.1	988.6	1338.0	1480.0	1338.0	988.6	582.1	318.8	279.0
69.0	309.0	574.5	983.8	1335.0	1478.0	1335.0	983.8	574.5	309.0	270.9
69.5	299.1	566.8	979.4	1333.0	1477.0	1333.0	979.4	566.8	299.1	262.6
70.0	289.3	559.3	974.4	1331.0	1476.0	1331.0	974.4	559.3	289.3	254.8
70.5	279.7	551.7	969.8	1327.0	1473.0	1327.0	969.8	551.7	279.7	247.0
71.0	270.0	544.7	965.1	1325.0	1471.0	1325.0	965.1	544.7	270.0	239.5
71.5	260.3	537.6	960.5	1323.0	1468.0	1323.0	960.5	537.6	260.3	232.3
72.0	250.7	530.5	956.1	1319.0	1464.0	1319.0	956.1	530.5	250.7	225.2
72.5	241.1	523.1	951.2	1316.0	1463.0	1316.0	951.2	523.1	241.1	218.0
73.0	231.6	515.8	946.6	1313.0	1461.0	1313.0	946.6	515.8	231.6	211.0
73.5	222.1	508.9	941.6	1309.0	1458.0	1309.0	941.6	508.9	222.1	204.3
74.0	212.8	502.1	936.9	1307.0	1456.0	1307.0	936.9	502.1	212.8	197.2
74.5	203.7	495.3	932.3	1305.0	1452.0	1305.0	932.3	495.3	203.7	190.6
75.0	194.8	488.5	927.6	1301.0	1449.0	1301.0	927.6	488.5	194.8	184.1
75.5	185.5	481.6	923.1	1297.0	1447.0	1297.0	923.1	481.6	185.5	177.8
76.0	176.7	475.2	918.2	1294.0	1448.0	1294.0	918.2	475.2	176.7	171.4
76.5	167.8	468.6	913.4	1291.0	1444.0	1291.0	913.4	468.6	167.8	165.2
77.0	159.0	462.1	908.4	1287.0	1439.0	1287.0	908.4	462.1	159.0	159.2
77.5	150.4	455.7	903.8	1285.0	1438.0	1285.0	903.8	455.7	150.4	153.1
78.0	142.1	449.6	898.9	1280.0	1436.0	1280.0	898.9	449.6	142.1	147.4
78.5	133.6	443.4	894.1	1276.0	1431.0	1276.0	894.1	443.4	133.6	141.8
79.0	125.5	437.3	889.5	1274.0	1431.0	1274.0	889.5	437.3	125.5	136.1
79.5	117.4	431.4	884.7	1269.0	1425.0	1269.0	884.7	431.4	117.4	130.6
80.0	109.5	425.9	880.2	1267.0	1423.0	1267.0	880.2	425.9	109.5	125.2
80.5	101.8	420.4	875.3	1263.0	1419.0	1263.0	875.3	420.4	101.8	119.8
81.0	94.2	415.0	870.9	1258.0	1414.0	1258.0	870.9	415.0	94.2	114.7
81.5	86.8	409.3	866.1	1255.0	1410.0	1255.0	866.1	409.3	86.8	109.7
82.0	79.7	403.8	861.8	1252.0	1410.0	1252.0	861.8	403.8	79.7	104.8
82.5	72.8	398.9	857.0	1249.0	1404.0	1249.0	857.0	398.9	72.8	100.0

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 7K 360P-2-RD-835-X-WA.IES**

**CANDELA TABULATION - (Cont.)**

83.0	66.1	393.6	852.4	1244.0	1402.0	1244.0	852.4	393.6	66.1	95.3
83.5	59.5	388.8	848.3	1239.0	1397.0	1239.0	848.3	388.8	59.5	90.8
84.0	53.3	383.9	844.1	1237.0	1394.0	1237.0	844.1	383.9	53.3	86.5
84.5	47.4	379.2	840.0	1233.0	1389.0	1233.0	840.0	379.2	47.4	82.3
85.0	41.6	374.7	835.7	1229.0	1388.0	1229.0	835.7	374.7	41.6	78.3
85.5	36.4	370.4	831.9	1223.0	1385.0	1223.0	831.9	370.4	36.4	74.6
86.0	31.3	366.0	827.6	1220.0	1378.0	1220.0	827.6	366.0	31.3	71.1
86.5	26.6	361.9	823.5	1216.0	1375.0	1216.0	823.5	361.9	26.6	67.9
87.0	22.4	358.0	819.7	1213.0	1369.0	1213.0	819.7	358.0	22.4	64.9
87.5	18.7	354.4	815.4	1211.0	1367.0	1211.0	815.4	354.4	18.7	62.3
88.0	15.6	350.7	811.1	1207.0	1362.0	1207.0	811.1	350.7	15.6	60.0
88.5	13.0	347.3	807.2	1203.0	1357.0	1203.0	807.2	347.3	13.0	58.0
89.0	11.1	344.5	803.5	1201.0	1354.0	1201.0	803.5	344.5	11.1	56.1
89.5	9.9	341.4	800.3	1197.0	1350.0	1197.0	800.3	341.4	9.9	54.5
90.0	9.4	338.7	796.7	1194.0	1349.0	1194.0	796.7	338.7	9.4	53.1
90.5	9.2	336.3	793.7	1190.0	1346.0	1190.0	793.7	336.3	9.2	51.8
91.0	9.2	334.2	790.9	1187.0	1342.0	1187.0	790.9	334.2	9.2	50.7
91.5	9.4	332.0	788.0	1184.0	1336.0	1184.0	788.0	332.0	9.4	49.6
92.0	9.6	330.1	785.8	1181.0	1334.0	1181.0	785.8	330.1	9.6	48.6
92.5	10.0	328.3	783.5	1178.0	1330.0	1178.0	783.5	328.3	10.0	47.7
93.0	10.4	326.6	781.2	1175.0	1326.0	1175.0	781.2	326.6	10.4	46.7
93.5	11.0	324.8	778.4	1173.0	1327.0	1173.0	778.4	324.8	11.0	45.9
94.0	11.6	322.9	775.7	1170.0	1322.0	1170.0	775.7	322.9	11.6	45.3
94.5	12.2	321.0	773.3	1167.0	1319.0	1167.0	773.3	321.0	12.2	44.7
95.0	13.0	319.2	770.5	1164.0	1317.0	1164.0	770.5	319.2	13.0	44.3
95.5	13.7	317.3	767.7	1160.0	1311.0	1160.0	767.7	317.3	13.7	43.9
96.0	14.5	315.2	764.5	1157.0	1309.0	1157.0	764.5	315.2	14.5	43.7
96.5	15.4	313.5	761.3	1153.0	1304.0	1153.0	761.3	313.5	15.4	43.5
97.0	16.4	311.7	758.5	1149.0	1301.0	1149.0	758.5	311.7	16.4	43.4
97.5	17.4	309.8	755.3	1145.0	1295.0	1145.0	755.3	309.8	17.4	43.4
98.0	18.4	307.9	751.8	1141.0	1293.0	1141.0	751.8	307.9	18.4	43.3
98.5	19.4	306.2	748.4	1136.0	1287.0	1136.0	748.4	306.2	19.4	43.4
99.0	20.6	304.7	744.7	1132.0	1284.0	1132.0	744.7	304.7	20.6	43.6
99.5	21.7	303.0	740.9	1127.0	1277.0	1127.0	740.9	303.0	21.7	43.8
100.0	22.9	301.7	737.3	1122.0	1271.0	1122.0	737.3	301.7	22.9	44.1
100.5	24.1	300.3	733.9	1118.0	1267.0	1118.0	733.9	300.3	24.1	44.5
101.0	25.3	298.9	730.2	1113.0	1261.0	1113.0	730.2	298.9	25.3	45.0
101.5	26.6	297.8	727.0	1107.0	1257.0	1107.0	727.0	297.8	26.6	45.4
102.0	27.9	297.0	723.7	1102.0	1249.0	1102.0	723.7	297.0	27.9	45.9
102.5	29.1	295.7	720.2	1097.0	1243.0	1097.0	720.2	295.7	29.1	46.5
103.0	30.2	294.8	716.6	1092.0	1238.0	1092.0	716.6	294.8	30.2	47.1
103.5	31.4	293.9	713.2	1086.0	1229.0	1086.0	713.2	293.9	31.4	47.6
104.0	32.7	293.2	709.7	1081.0	1225.0	1081.0	709.7	293.2	32.7	48.2
104.5	34.0	292.3	706.3	1076.0	1218.0	1076.0	706.3	292.3	34.0	48.8
105.0	35.2	291.4	702.6	1071.0	1213.0	1071.0	702.6	291.4	35.2	49.4
105.5	36.5	290.7	699.1	1065.0	1212.0	1065.0	699.1	290.7	36.5	50.0
106.0	37.7	289.7	695.7	1059.0	1206.0	1059.0	695.7	289.7	37.7	50.6
106.5	38.9	288.7	692.2	1054.0	1199.0	1054.0	692.2	288.7	38.9	51.2
107.0	40.0	288.1	688.4	1048.0	1193.0	1048.0	688.4	288.1	40.0	51.8
107.5	41.2	287.2	685.1	1042.0	1187.0	1042.0	685.1	287.2	41.2	52.3
108.0	42.3	286.2	681.2	1036.0	1180.0	1036.0	681.2	286.2	42.3	52.7
108.5	43.4	285.4	677.5	1031.0	1173.0	1031.0	677.5	285.4	43.4	53.1
109.0	44.5	284.9	673.9	1025.0	1166.0	1025.0	673.9	284.9	44.5	53.3
109.5	45.5	284.5	670.4	1019.0	1160.0	1019.0	670.4	284.5	45.5	53.5
110.0	46.5	284.1	666.8	1013.0	1152.0	1013.0	666.8	284.1	46.5	53.7
110.5	47.4	283.9	663.4	1007.0	1146.0	1007.0	663.4	283.9	47.4	54.0

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 7K 360P-2-RD-835-X-WA.IES**

**CANDELA TABULATION - (Cont.)**

111.0	48.3	283.8	660.0	1001.0	1138.0	1001.0	660.0	283.8	48.3	54.2
111.5	49.3	283.8	657.0	995.2	1132.0	995.2	657.0	283.8	49.3	53.7
112.0	50.2	284.0	653.8	989.3	1125.0	989.3	653.8	284.0	50.2	52.8
112.5	51.2	284.1	650.7	983.3	1118.0	983.3	650.7	284.1	51.2	51.6
113.0	52.1	284.4	647.5	977.2	1111.0	977.2	647.5	284.4	52.1	49.8
113.5	53.0	284.6	644.4	971.1	1104.0	971.1	644.4	284.6	53.0	47.7
114.0	54.1	284.8	641.5	965.2	1097.0	965.2	641.5	284.8	54.1	45.7
114.5	55.0	285.0	638.3	959.5	1090.0	959.5	638.3	285.0	55.0	43.7
115.0	55.9	285.2	635.3	953.5	1083.0	953.5	635.3	285.2	55.9	41.8
115.5	56.9	285.3	632.1	947.4	1076.0	947.4	632.1	285.3	56.9	39.9
116.0	57.9	285.8	628.8	941.5	1069.0	941.5	628.8	285.8	57.9	37.8
116.5	58.8	285.9	625.6	936.1	1062.0	936.1	625.6	285.9	58.8	35.7
117.0	59.7	286.2	622.4	930.1	1054.0	930.1	622.4	286.2	59.7	33.7
117.5	60.6	286.5	619.1	924.1	1047.0	924.1	619.1	286.5	60.6	31.7
118.0	61.5	286.9	615.6	918.3	1040.0	918.3	615.6	286.9	61.5	29.9
118.5	62.5	287.3	612.1	912.5	1033.0	912.5	612.1	287.3	62.5	28.6
119.0	63.4	287.6	608.6	906.6	1026.0	906.6	608.6	287.6	63.4	27.8
119.5	64.4	288.0	605.0	900.7	1019.0	900.7	605.0	288.0	64.4	27.1
120.0	65.3	288.2	601.6	894.4	1011.0	894.4	601.6	288.2	65.3	26.7
120.5	66.3	288.5	597.8	888.6	1004.0	888.6	597.8	288.5	66.3	26.5
121.0	67.2	288.8	594.2	882.2	996.7	882.2	594.2	288.8	67.2	26.2
121.5	68.2	288.8	590.4	875.8	989.8	875.8	590.4	288.8	68.2	25.8
122.0	69.1	289.3	586.9	869.6	982.2	869.6	586.9	289.3	69.1	25.6
122.5	70.2	289.6	583.5	863.4	975.0	863.4	583.5	289.6	70.2	25.3
123.0	71.3	289.9	580.3	857.0	967.1	857.0	580.3	289.9	71.3	25.0
123.5	72.3	290.2	577.0	850.5	959.7	850.5	577.0	290.2	72.3	24.7
124.0	73.4	290.7	574.2	843.8	952.2	843.8	574.2	290.7	73.4	24.5
124.5	74.5	291.0	571.7	837.0	944.0	837.0	571.7	291.0	74.5	24.2
125.0	75.6	291.3	569.0	830.4	936.7	830.4	569.0	291.3	75.6	23.8
125.5	76.8	291.6	566.3	824.0	928.7	824.0	566.3	291.6	76.8	23.5
126.0	77.9	291.9	563.5	817.1	921.0	817.1	563.5	291.9	77.9	23.2
126.5	79.1	292.4	560.8	810.1	912.8	810.1	560.8	292.4	79.1	22.9
127.0	80.3	292.6	558.1	803.2	905.1	803.2	558.1	292.6	80.3	22.6
127.5	81.5	292.8	555.3	796.4	896.6	796.4	555.3	292.8	81.5	22.3
128.0	82.7	293.3	552.5	789.5	888.1	789.5	552.5	293.3	82.7	21.9
128.5	83.9	293.6	549.7	782.3	880.4	782.3	549.7	293.6	83.9	21.7
129.0	85.2	293.7	546.6	775.2	871.9	775.2	546.6	293.7	85.2	21.4
129.5	86.4	293.8	543.4	768.2	863.7	768.2	543.4	293.8	86.4	21.0
130.0	87.7	294.1	539.9	761.3	855.6	761.3	539.9	294.1	87.7	20.7
130.5	88.9	294.5	536.6	754.5	846.9	754.5	536.6	294.5	88.9	20.4
131.0	90.0	294.7	533.1	748.6	838.7	748.6	533.1	294.7	90.0	20.0
131.5	91.2	294.9	529.6	742.5	830.2	742.5	529.6	294.9	91.2	19.7
132.0	92.2	295.0	526.2	736.3	821.5	736.3	526.2	295.0	92.2	19.4
132.5	93.2	295.3	522.9	730.4	812.9	730.4	522.9	295.3	93.2	19.1
133.0	94.1	295.5	519.5	724.1	805.1	724.1	519.5	295.5	94.1	18.8
133.5	94.9	295.5	516.3	717.9	798.4	717.9	516.3	295.5	94.9	18.5
134.0	95.7	295.8	512.7	711.0	790.9	711.0	512.7	295.8	95.7	18.1
134.5	96.2	295.8	509.7	704.2	784.0	704.2	509.7	295.8	96.2	17.8
135.0	96.8	295.6	506.3	696.7	776.8	696.7	506.3	295.6	96.8	17.5
135.5	97.3	295.8	503.1	689.4	769.7	689.4	503.1	295.8	97.3	17.2
136.0	97.7	295.9	499.7	682.0	762.9	682.0	499.7	295.9	97.7	16.8
136.5	98.1	295.9	496.6	674.7	756.1	674.7	496.6	295.9	98.1	16.5
137.0	98.5	295.9	493.6	667.7	749.3	667.7	493.6	295.9	98.5	16.2
137.5	98.8	295.8	490.6	661.0	742.3	661.0	490.6	295.8	98.8	15.8
138.0	99.1	295.4	487.5	654.6	735.0	654.6	487.5	295.4	99.1	15.5
138.5	99.3	295.2	484.6	648.6	728.4	648.6	484.6	295.2	99.3	15.2

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 7K 360P-2-RD-835-X-WA.IES**

**CANDELA TABULATION - (Cont.)**

139.0	99.5	294.8	481.9	643.2	721.2	643.2	481.9	294.8	99.5	14.9
139.5	99.7	294.2	479.0	637.8	714.9	637.8	479.0	294.2	99.7	14.5
140.0	99.8	293.8	476.4	632.3	708.2	632.3	476.4	293.8	99.8	14.2
140.5	99.9	293.3	473.9	626.8	701.4	626.8	473.9	293.3	99.9	13.8
141.0	100.1	292.4	471.4	621.3	694.4	621.3	471.4	292.4	100.1	13.5
141.5	100.3	291.4	469.1	615.7	687.5	615.7	469.1	291.4	100.3	13.2
142.0	100.3	290.2	466.9	610.3	680.5	610.3	466.9	290.2	100.3	12.8
142.5	100.2	289.1	464.8	604.7	673.4	604.7	464.8	289.1	100.2	12.0
143.0	100.4	287.8	462.7	599.0	666.8	599.0	462.7	287.8	100.4	12.2
143.5	100.4	285.9	460.1	593.3	659.1	593.3	460.1	285.9	100.4	13.0
144.0	100.4	283.9	457.6	587.7	650.6	587.7	457.6	283.9	100.4	14.6
144.5	100.4	282.2	454.9	581.9	641.2	581.9	454.9	282.2	100.4	16.3
145.0	100.3	279.9	451.8	576.0	631.3	576.0	451.8	279.9	100.3	18.2
145.5	100.3	277.8	448.6	570.4	620.2	570.4	448.6	277.8	100.3	20.0
146.0	100.2	275.3	445.4	564.6	609.5	564.6	445.4	275.3	100.2	21.8
146.5	100.2	273.3	442.1	558.8	599.2	558.8	442.1	273.3	100.2	23.5
147.0	100.2	270.6	438.7	552.9	588.9	552.9	438.7	270.6	100.2	25.2
147.5	100.2	268.0	435.2	547.1	579.8	547.1	435.2	268.0	100.2	27.0
148.0	100.2	265.3	431.9	541.1	571.1	541.1	431.9	265.3	100.2	28.7
148.5	100.2	262.3	428.3	535.3	563.3	535.3	428.3	262.3	100.2	30.4
149.0	100.2	259.6	424.8	529.3	557.4	529.3	424.8	259.6	100.2	32.2
149.5	100.2	256.6	420.8	523.3	551.3	523.3	420.8	256.6	100.2	33.9
150.0	100.2	253.7	416.5	517.3	546.2	517.3	416.5	253.7	100.2	35.6
150.5	100.3	250.9	412.0	511.2	540.9	511.2	412.0	250.9	100.3	37.4
151.0	100.3	247.9	406.7	505.2	535.2	505.2	406.7	247.9	100.3	39.2
151.5	100.4	245.0	401.3	499.0	529.8	499.0	401.3	245.0	100.4	40.9
152.0	100.5	242.0	395.9	492.9	523.7	492.9	395.9	242.0	100.5	42.5
152.5	100.6	238.8	390.5	486.9	518.0	486.9	390.5	238.8	100.6	44.1
153.0	100.9	235.7	384.7	480.8	512.2	480.8	384.7	235.7	100.9	45.6
153.5	101.0	232.3	378.9	474.6	506.4	474.6	378.9	232.3	101.0	47.1
154.0	101.0	229.2	372.9	468.7	500.4	468.7	372.9	229.2	101.0	48.5
154.5	100.9	225.9	367.1	462.9	494.0	462.9	367.1	225.9	100.9	50.0
155.0	100.8	222.6	361.7	457.4	488.3	457.4	361.7	222.6	100.8	51.4
155.5	100.6	219.1	355.9	452.2	482.2	452.2	355.9	219.1	100.6	52.7
156.0	100.6	215.4	350.2	447.1	476.4	447.1	350.2	215.4	100.6	54.2
156.5	100.6	211.7	344.8	441.8	470.3	441.8	344.8	211.7	100.6	55.6
157.0	100.5	208.2	339.3	436.4	464.4	436.4	339.3	208.2	100.5	57.0
157.5	100.4	204.3	333.6	430.5	458.1	430.5	333.6	204.3	100.4	58.5
158.0	100.3	200.8	328.4	424.1	451.9	424.1	328.4	200.8	100.3	60.1
158.5	100.1	197.5	322.2	417.8	445.9	417.8	322.2	197.5	100.1	61.7
159.0	100.0	194.1	316.2	411.1	439.3	411.1	316.2	194.1	100.0	63.4
159.5	99.9	191.1	309.9	404.5	432.7	404.5	309.9	191.1	99.9	65.1
160.0	100.2	188.0	304.1	398.0	425.9	398.0	304.1	188.0	100.2	66.6
160.5	100.9	185.2	297.6	391.5	419.1	391.5	297.6	185.2	100.9	68.2
161.0	101.7	182.3	291.4	384.5	411.9	384.5	291.4	182.3	101.7	69.9
161.5	102.6	179.6	285.1	376.9	404.6	376.9	285.1	179.6	102.6	71.6
162.0	103.5	177.0	278.6	369.2	397.0	369.2	278.6	177.0	103.5	73.4
162.5	104.6	174.7	272.5	360.3	389.5	360.3	272.5	174.7	104.6	75.3
163.0	105.8	172.7	266.2	350.8	382.0	350.8	266.2	172.7	105.8	77.3
163.5	107.0	170.4	259.9	341.0	374.1	341.0	259.9	170.4	107.0	79.5
164.0	108.3	168.5	253.3	331.1	366.4	331.1	253.3	168.5	108.3	81.7
164.5	109.7	166.0	246.9	321.4	358.3	321.4	246.9	166.0	109.7	83.9
165.0	111.2	164.0	240.2	311.8	350.4	311.8	240.2	164.0	111.2	86.0
165.5	112.6	162.0	233.7	302.0	342.2	302.0	233.7	162.0	112.6	88.1
166.0	114.1	160.1	226.8	292.5	334.3	292.5	226.8	160.1	114.1	90.3
166.5	115.7	158.4	220.1	283.2	326.4	283.2	220.1	158.4	115.7	92.4

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 7K 360P-2-RD-835-X-WA.IES**

**CANDELA TABULATION - (Cont.)**

167.0	117.1	156.5	213.7	274.0	318.6	274.0	213.7	156.5	117.1	94.6
167.5	118.4	154.9	207.5	264.7	311.4	264.7	207.5	154.9	118.4	96.8
168.0	119.7	152.9	201.7	255.8	304.3	255.8	201.7	152.9	119.7	98.9
168.5	121.1	151.7	196.2	246.9	297.2	246.9	196.2	151.7	121.1	101.2
169.0	122.3	150.3	190.6	238.0	289.7	238.0	190.6	150.3	122.3	103.3
169.5	123.5	148.8	185.5	228.7	282.3	228.7	185.5	148.8	123.5	105.1
170.0	124.6	147.6	180.6	219.4	274.3	219.4	180.6	147.6	124.6	106.9
170.5	125.6	146.2	176.1	210.0	266.1	210.0	176.1	146.2	125.6	108.8
171.0	126.7	144.8	171.3	200.7	257.6	200.7	171.3	144.8	126.7	110.7
171.5	127.8	143.6	166.7	191.7	249.0	191.7	166.7	143.6	127.8	112.6
172.0	128.7	142.3	162.0	183.7	239.8	183.7	162.0	142.3	128.7	114.4
172.5	129.2	141.2	157.7	176.0	227.5	176.0	157.7	141.2	129.2	115.9
173.0	130.1	140.1	153.9	168.8	210.6	168.8	153.9	140.1	130.1	117.4
173.5	130.7	139.2	150.3	162.3	193.2	162.3	150.3	139.2	130.7	118.8
174.0	131.5	138.3	147.0	155.5	171.8	155.5	147.0	138.3	131.5	120.1
174.5	132.6	137.4	144.0	148.2	146.5	148.2	144.0	137.4	132.6	121.4
175.0	133.7	136.6	141.5	141.1	118.5	141.1	141.5	136.6	133.7	122.7
175.5	134.8	135.7	139.0	134.5	90.8	134.5	139.0	135.7	134.8	124.3
176.0	135.7	135.1	136.4	128.8	77.0	128.8	136.4	135.1	135.7	125.6
176.5	136.6	134.5	134.0	123.5	74.7	123.5	134.0	134.5	136.6	126.5
177.0	137.1	134.0	132.0	118.1	72.2	118.1	132.0	134.0	137.1	127.4
177.5	137.5	133.8	130.8	112.6	70.0	112.6	130.8	133.8	137.5	128.4
178.0	138.0	133.8	129.6	107.5	67.9	107.5	129.6	133.8	138.0	129.4
178.5	138.4	133.4	128.1	102.4	66.0	102.4	128.1	133.4	138.4	130.3
179.0	139.0	133.3	126.6	97.9	64.2	97.9	126.6	133.3	139.0	131.2
179.5	138.9	132.4	125.1	93.4	62.6	93.4	125.1	132.4	138.9	131.8
180.0	111.2	111.2	111.2	111.2	111.2	111.2	111.2	111.2	111.2	111.2

**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	1339.0	1339.0	1339.0	1339.0	1339.0	1339.0	1339.0
0.5	1333.0	1334.0	1337.0	1334.0	1333.0	1337.0	1343.0
1.0	1331.0	1333.0	1333.0	1333.0	1331.0	1335.0	1342.0
1.5	1328.0	1327.0	1329.0	1327.0	1328.0	1332.0	1342.0
2.0	1324.0	1324.0	1325.0	1324.0	1324.0	1330.0	1341.0
2.5	1321.0	1322.0	1322.0	1322.0	1321.0	1328.0	1339.0
3.0	1318.0	1317.0	1317.0	1317.0	1318.0	1325.0	1341.0
3.5	1315.0	1314.0	1312.0	1314.0	1315.0	1324.0	1339.0
4.0	1312.0	1309.0	1310.0	1309.0	1312.0	1321.0	1337.0
4.5	1308.0	1306.0	1306.0	1306.0	1308.0	1317.0	1336.0
5.0	1303.0	1301.0	1300.0	1301.0	1303.0	1313.0	1334.0
5.5	1301.0	1297.0	1293.0	1297.0	1301.0	1311.0	1333.0
6.0	1297.0	1291.0	1290.0	1291.0	1297.0	1308.0	1332.0
6.5	1292.0	1288.0	1288.0	1288.0	1292.0	1305.0	1332.0
7.0	1289.0	1284.0	1281.0	1284.0	1289.0	1300.0	1327.0
7.5	1282.0	1278.0	1276.0	1278.0	1282.0	1297.0	1324.0
8.0	1278.0	1274.0	1271.0	1274.0	1278.0	1294.0	1321.0
8.5	1276.0	1268.0	1268.0	1268.0	1276.0	1289.0	1320.0
9.0	1271.0	1264.0	1262.0	1264.0	1271.0	1285.0	1316.0
9.5	1266.0	1259.0	1258.0	1259.0	1266.0	1282.0	1314.0
10.0	1259.0	1253.0	1251.0	1253.0	1259.0	1277.0	1312.0
10.5	1255.0	1248.0	1247.0	1248.0	1255.0	1272.0	1308.0
11.0	1249.0	1243.0	1239.0	1243.0	1249.0	1268.0	1304.0
11.5	1245.0	1237.0	1236.0	1237.0	1245.0	1265.0	1301.0
12.0	1239.0	1232.0	1232.0	1232.0	1239.0	1259.0	1298.0



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 7K 360P-2-RD-835-X-WA.IES**

**CANDELA TABULATION - (Cont.)**

12.5	1234.0	1226.0	1224.0	1226.0	1234.0	1255.0	1293.0
13.0	1229.0	1221.0	1220.0	1221.0	1229.0	1249.0	1289.0
13.5	1225.0	1214.0	1212.0	1214.0	1225.0	1243.0	1285.0
14.0	1218.0	1209.0	1208.0	1209.0	1218.0	1238.0	1281.0
14.5	1212.0	1207.0	1205.0	1207.0	1212.0	1233.0	1277.0
15.0	1208.0	1201.0	1199.0	1201.0	1208.0	1228.0	1271.0
15.5	1202.0	1195.0	1192.0	1195.0	1202.0	1221.0	1268.0
16.0	1197.0	1188.0	1184.0	1188.0	1197.0	1218.0	1263.0
16.5	1191.0	1181.0	1178.0	1181.0	1191.0	1211.0	1256.0
17.0	1184.0	1174.0	1171.0	1174.0	1184.0	1204.0	1250.0
17.5	1177.0	1166.0	1164.0	1166.0	1177.0	1199.0	1246.0
18.0	1171.0	1159.0	1157.0	1159.0	1171.0	1193.0	1240.0
18.5	1164.0	1152.0	1150.0	1152.0	1164.0	1188.0	1236.0
19.0	1156.0	1145.0	1143.0	1145.0	1156.0	1181.0	1229.0
19.5	1149.0	1138.0	1136.0	1138.0	1149.0	1174.0	1223.0
20.0	1141.0	1131.0	1128.0	1131.0	1141.0	1167.0	1218.0
20.5	1134.0	1124.0	1121.0	1124.0	1134.0	1160.0	1212.0
21.0	1126.0	1116.0	1114.0	1116.0	1126.0	1152.0	1207.0
21.5	1118.0	1109.0	1107.0	1109.0	1118.0	1145.0	1204.0
22.0	1111.0	1101.0	1100.0	1101.0	1111.0	1138.0	1199.0
22.5	1103.0	1094.0	1093.0	1094.0	1103.0	1129.0	1192.0
23.0	1095.0	1086.0	1086.0	1086.0	1095.0	1122.0	1184.0
23.5	1087.0	1079.0	1079.0	1079.0	1087.0	1114.0	1177.0
24.0	1079.0	1071.0	1072.0	1071.0	1079.0	1106.0	1170.0
24.5	1071.0	1064.0	1064.0	1064.0	1071.0	1098.0	1163.0
25.0	1063.0	1057.0	1057.0	1057.0	1063.0	1090.0	1155.0
25.5	1055.0	1049.0	1050.0	1049.0	1055.0	1082.0	1147.0
26.0	1046.0	1042.0	1042.0	1042.0	1046.0	1074.0	1139.0
26.5	1038.0	1034.0	1035.0	1034.0	1038.0	1065.0	1132.0
27.0	1030.0	1027.0	1028.0	1027.0	1030.0	1057.0	1123.0
27.5	1021.0	1019.0	1020.0	1019.0	1021.0	1048.0	1116.0
28.0	1013.0	1011.0	1013.0	1011.0	1013.0	1040.0	1108.0
28.5	1004.0	1004.0	1005.0	1004.0	1004.0	1032.0	1100.0
29.0	995.6	996.1	997.7	996.1	995.6	1023.0	1092.0
29.5	987.2	988.2	990.5	988.2	987.2	1014.0	1084.0
30.0	978.5	980.4	983.3	980.4	978.5	1005.0	1076.0
30.5	969.9	973.1	975.8	973.1	969.9	996.6	1067.0
31.0	961.3	965.4	968.2	965.4	961.3	987.8	1058.0
31.5	952.9	957.7	960.9	957.7	952.9	978.5	1050.0
32.0	944.4	950.0	953.2	950.0	944.4	969.2	1042.0
32.5	935.5	942.3	945.2	942.3	935.5	960.1	1033.0
33.0	926.7	934.4	938.1	934.4	926.7	950.9	1024.0
33.5	917.9	926.6	930.3	926.6	917.9	941.4	1015.0
34.0	909.7	918.7	922.5	918.7	909.7	931.4	1006.0
34.5	900.9	910.7	914.8	910.7	900.9	922.2	997.5
35.0	892.4	902.9	906.5	902.9	892.4	912.5	988.4
35.5	883.5	895.0	898.4	895.0	883.5	902.7	979.2
36.0	875.2	886.6	890.4	886.6	875.2	893.2	970.1
36.5	866.4	878.3	882.9	878.3	866.4	883.2	960.5
37.0	857.7	870.0	874.7	870.0	857.7	873.2	950.9
37.5	848.9	861.9	866.8	861.9	848.9	863.6	941.2
38.0	840.3	853.6	858.8	853.6	840.3	853.7	931.6
38.5	831.5	845.3	850.8	845.3	831.5	844.1	921.9
39.0	823.1	836.7	842.5	836.7	823.1	834.5	912.3
39.5	814.3	828.5	834.4	828.5	814.3	824.5	902.3
40.0	805.7	820.0	826.3	820.0	805.7	814.8	892.5

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 7K 360P-2-RD-835-X-WA.IES**

**CANDELA TABULATION - (Cont.)**

40.5	797.0	811.6	817.9	811.6	797.0	804.8	882.7
41.0	788.1	803.3	809.9	803.3	788.1	795.4	872.8
41.5	779.3	794.9	801.8	794.9	779.3	785.7	862.8
42.0	770.3	786.3	793.9	786.3	770.3	775.9	853.0
42.5	761.7	778.1	785.9	778.1	761.7	766.1	843.3
43.0	752.8	769.8	777.5	769.8	752.8	756.4	833.0
43.5	743.8	761.3	769.3	761.3	743.8	746.4	823.0
44.0	734.9	752.8	760.8	752.8	734.9	736.7	813.0
44.5	725.8	744.8	752.4	744.8	725.8	726.8	803.3
45.0	717.0	736.2	744.0	736.2	717.0	716.9	793.1
45.5	708.1	727.8	735.7	727.8	708.1	707.2	783.2
46.0	699.1	719.3	727.1	719.3	699.1	697.4	773.2
46.5	689.9	711.1	718.7	711.1	689.9	687.3	763.2
47.0	680.8	702.5	711.5	702.5	680.8	677.6	753.0
47.5	671.9	693.9	704.5	693.9	671.9	667.7	743.1
48.0	662.8	685.0	697.2	685.0	662.8	657.9	733.1
48.5	653.6	676.7	690.2	676.7	653.6	648.0	723.3
49.0	644.9	668.4	683.1	668.4	644.9	638.2	713.1
49.5	636.0	660.7	675.9	660.7	636.0	628.3	703.3
50.0	627.1	653.1	668.6	653.1	627.1	618.5	693.4
50.5	617.7	645.6	661.3	645.6	617.7	608.7	683.3
51.0	608.6	638.4	654.1	638.4	608.6	598.8	673.1
51.5	599.8	630.9	647.4	630.9	599.8	589.1	663.1
52.0	591.0	623.6	640.1	623.6	591.0	579.4	653.3
52.5	582.4	616.2	633.5	616.2	582.4	570.0	643.3
53.0	573.4	608.9	626.5	608.9	573.4	560.1	633.1
53.5	564.6	601.8	619.6	601.8	564.6	550.7	623.4
54.0	555.7	594.8	612.8	594.8	555.7	541.2	613.5
54.5	546.9	587.8	605.7	587.8	546.9	532.0	603.4
55.0	538.2	580.6	599.5	580.6	538.2	522.6	593.6
55.5	529.7	573.4	592.5	573.4	529.7	513.6	583.6
56.0	521.3	566.6	585.9	566.6	521.3	504.2	573.6
56.5	513.2	559.5	579.3	559.5	513.2	495.2	563.4
57.0	505.1	552.4	572.3	552.4	505.1	486.0	553.7
57.5	497.5	545.4	565.3	545.4	497.5	476.9	543.2
58.0	489.9	538.5	558.4	538.5	489.9	467.8	532.9
58.5	482.2	531.3	551.6	531.3	482.2	458.7	522.7
59.0	474.4	524.6	544.9	524.6	474.4	449.7	512.6
59.5	467.1	517.6	538.2	517.6	467.1	440.6	502.3
60.0	459.1	510.6	531.3	510.6	459.1	431.6	491.7
60.5	451.8	503.7	524.7	503.7	451.8	422.4	481.5
61.0	444.5	496.7	518.1	496.7	444.5	413.3	471.1
61.5	437.0	490.1	511.5	490.1	437.0	404.1	461.1
62.0	429.7	483.3	505.2	483.3	429.7	395.1	450.7
62.5	422.4	476.8	498.7	476.8	422.4	385.8	440.5
63.0	415.1	470.3	492.4	470.3	415.1	376.9	430.0
63.5	407.9	463.7	485.7	463.7	407.9	367.8	419.8
64.0	400.6	457.1	479.0	457.1	400.6	358.6	409.5
64.5	393.6	450.5	472.6	450.5	393.6	349.3	399.5
65.0	386.7	444.2	466.2	444.2	386.7	340.7	389.2
65.5	379.8	437.6	459.9	437.6	379.8	331.4	379.2
66.0	373.0	431.1	452.9	431.1	373.0	322.6	369.1
66.5	366.3	424.6	446.8	424.6	366.3	313.9	359.0
67.0	359.3	417.9	440.2	417.9	359.3	304.9	348.8
67.5	352.6	411.6	433.7	411.6	352.6	296.2	338.6
68.0	345.9	405.4	427.6	405.4	345.9	287.5	328.7

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 7K 360P-2-RD-835-X-WA.IES**

**CANDELA TABULATION - (Cont.)**

68.5	339.4	398.6	421.4	398.6	339.4	279.0	318.8
69.0	332.9	392.3	414.7	392.3	332.9	270.9	309.0
69.5	326.5	385.9	408.6	385.9	326.5	262.6	299.1
70.0	320.2	379.5	401.8	379.5	320.2	254.8	289.3
70.5	313.8	373.2	395.4	373.2	313.8	247.0	279.7
71.0	307.2	366.8	389.3	366.8	307.2	239.5	270.0
71.5	300.8	360.5	383.1	360.5	300.8	232.3	260.3
72.0	294.8	354.0	376.9	354.0	294.8	225.2	250.7
72.5	288.5	347.9	370.6	347.9	288.5	218.0	241.1
73.0	282.4	341.8	364.1	341.8	282.4	211.0	231.6
73.5	276.2	335.7	357.9	335.7	276.2	204.3	222.1
74.0	270.2	329.7	351.7	329.7	270.2	197.2	212.8
74.5	264.0	323.5	345.6	323.5	264.0	190.6	203.7
75.0	258.0	317.5	339.7	317.5	258.0	184.1	194.8
75.5	252.1	311.5	333.9	311.5	252.1	177.8	185.5
76.0	245.9	305.6	327.7	305.6	245.9	171.4	176.7
76.5	240.3	299.8	322.1	299.8	240.3	165.2	167.8
77.0	234.4	294.1	316.0	294.1	234.4	159.2	159.0
77.5	229.0	288.3	309.9	288.3	229.0	153.1	150.4
78.0	223.1	282.6	304.4	282.6	223.1	147.4	142.1
78.5	217.6	277.0	298.8	277.0	217.6	141.8	133.6
79.0	212.1	271.5	293.3	271.5	212.1	136.1	125.5
79.5	206.6	266.2	287.5	266.2	206.6	130.6	117.4
80.0	201.5	260.7	282.0	260.7	201.5	125.2	109.5
80.5	196.2	255.7	276.7	255.7	196.2	119.8	101.8
81.0	191.2	250.4	271.7	250.4	191.2	114.7	94.2
81.5	186.3	245.1	266.4	245.1	186.3	109.7	86.8
82.0	181.2	240.2	261.7	240.2	181.2	104.8	79.7
82.5	176.3	235.2	256.5	235.2	176.3	100.0	72.8
83.0	171.7	230.5	251.9	230.5	171.7	95.3	66.1
83.5	167.0	225.9	247.2	225.9	167.0	90.8	59.5
84.0	162.8	221.5	242.6	221.5	162.8	86.5	53.3
84.5	158.5	216.8	238.3	216.8	158.5	82.3	47.4
85.0	154.4	212.8	234.1	212.8	154.4	78.3	41.6
85.5	150.4	208.7	229.8	208.7	150.4	74.6	36.4
86.0	146.7	204.7	225.9	204.7	146.7	71.1	31.3
86.5	143.1	201.0	222.2	201.0	143.1	67.9	26.6
87.0	139.7	197.6	218.7	197.6	139.7	64.9	22.4
87.5	136.8	194.4	215.2	194.4	136.8	62.3	18.7
88.0	134.0	191.5	212.5	191.5	134.0	60.0	15.6
88.5	131.6	188.8	209.7	188.8	131.6	58.0	13.0
89.0	129.2	186.2	207.0	186.2	129.2	56.1	11.1
89.5	127.4	184.0	204.5	184.0	127.4	54.5	9.9
90.0	125.5	181.7	202.2	181.7	125.5	53.1	9.4
90.5	123.5	179.8	199.9	179.8	123.5	51.8	9.2
91.0	121.9	177.5	197.9	177.5	121.9	50.7	9.2
91.5	120.1	175.7	195.9	175.7	120.1	49.6	9.4
92.0	118.4	173.7	193.6	173.7	118.4	48.6	9.6
92.5	116.8	171.7	191.4	171.7	116.8	47.7	10.0
93.0	115.2	169.8	189.4	169.8	115.2	46.7	10.4
93.5	113.6	167.9	187.2	167.9	113.6	45.9	11.0
94.0	112.0	165.9	185.3	165.9	112.0	45.3	11.6
94.5	110.5	164.0	182.9	164.0	110.5	44.7	12.2
95.0	109.1	162.1	180.9	162.1	109.1	44.3	13.0
95.5	107.6	160.2	179.1	160.2	107.6	43.9	13.7
96.0	106.2	158.3	177.2	158.3	106.2	43.7	14.5

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 7K 360P-2-RD-835-X-WA.IES**

**CANDELA TABULATION - (Cont.)**

<b>96.5</b>	104.8	156.8	175.2	156.8	104.8	43.5	15.4
<b>97.0</b>	103.5	154.9	173.5	154.9	103.5	43.4	16.4
<b>97.5</b>	102.3	153.0	171.5	153.0	102.3	43.4	17.4
<b>98.0</b>	101.3	151.4	169.6	151.4	101.3	43.3	18.4
<b>98.5</b>	100.4	149.4	167.9	149.4	100.4	43.4	19.4
<b>99.0</b>	99.6	147.9	166.3	147.9	99.6	43.6	20.6
<b>99.5</b>	99.0	146.2	164.5	146.2	99.0	43.8	21.7
<b>100.0</b>	98.5	144.5	162.7	144.5	98.5	44.1	22.9
<b>100.5</b>	97.9	143.2	161.0	143.2	97.9	44.5	24.1
<b>101.0</b>	97.3	142.2	159.3	142.2	97.3	45.0	25.3
<b>101.5</b>	96.7	141.1	157.7	141.1	96.7	45.4	26.6
<b>102.0</b>	96.1	140.5	156.7	140.5	96.1	45.9	27.9
<b>102.5</b>	95.6	139.5	155.9	139.5	95.6	46.5	29.1
<b>103.0</b>	95.1	139.0	155.2	139.0	95.1	47.1	30.2
<b>103.5</b>	94.6	138.0	154.0	138.0	94.6	47.6	31.4
<b>104.0</b>	94.2	137.1	153.0	137.1	94.2	48.2	32.7
<b>104.5</b>	93.8	136.4	152.1	136.4	93.8	48.8	34.0
<b>105.0</b>	93.5	135.4	151.1	135.4	93.5	49.4	35.2
<b>105.5</b>	93.2	134.5	150.2	134.5	93.2	50.0	36.5
<b>106.0</b>	92.9	133.6	149.2	133.6	92.9	50.6	37.7
<b>106.5</b>	92.7	132.7	148.0	132.7	92.7	51.2	38.9
<b>107.0</b>	92.7	132.0	147.2	132.0	92.7	51.8	40.0
<b>107.5</b>	92.6	131.1	145.9	131.1	92.6	52.3	41.2
<b>108.0</b>	92.6	130.4	145.2	130.4	92.6	52.7	42.3
<b>108.5</b>	92.7	129.7	144.3	129.7	92.7	53.1	43.4
<b>109.0</b>	92.9	129.0	143.4	129.0	92.9	53.3	44.5
<b>109.5</b>	93.0	128.2	142.1	128.2	93.0	53.5	45.5
<b>110.0</b>	93.2	127.6	141.2	127.6	93.2	53.7	46.5
<b>110.5</b>	93.6	126.8	140.8	126.8	93.6	54.0	47.4
<b>111.0</b>	93.9	126.4	139.9	126.4	93.9	54.2	48.3
<b>111.5</b>	94.4	125.9	139.0	125.9	94.4	53.7	49.3
<b>112.0</b>	94.9	125.5	138.5	125.5	94.9	52.8	50.2
<b>112.5</b>	95.4	125.1	137.9	125.1	95.4	51.6	51.2
<b>113.0</b>	95.9	124.7	137.2	124.7	95.9	49.8	52.1
<b>113.5</b>	96.5	124.6	136.8	124.6	96.5	47.7	53.0
<b>114.0</b>	97.0	124.4	136.4	124.4	97.0	45.7	54.1
<b>114.5</b>	97.5	124.2	135.9	124.2	97.5	43.7	55.0
<b>115.0</b>	98.1	124.5	135.7	124.5	98.1	41.8	55.9
<b>115.5</b>	98.7	124.4	135.5	124.4	98.7	39.9	56.9
<b>116.0</b>	99.3	124.5	135.4	124.5	99.3	37.8	57.9
<b>116.5</b>	99.8	124.7	135.1	124.7	99.8	35.7	58.8
<b>117.0</b>	100.5	125.1	134.9	125.1	100.5	33.7	59.7
<b>117.5</b>	101.1	125.3	134.7	125.3	101.1	31.7	60.6
<b>118.0</b>	101.7	125.7	135.0	125.7	101.7	29.9	61.5
<b>118.5</b>	102.3	126.4	135.0	126.4	102.3	28.6	62.5
<b>119.0</b>	102.9	126.8	135.4	126.8	102.9	27.8	63.4
<b>119.5</b>	103.5	127.1	135.8	127.1	103.5	27.1	64.4
<b>120.0</b>	104.2	127.8	136.1	127.8	104.2	26.7	65.3
<b>120.5</b>	104.8	128.2	136.7	128.2	104.8	26.5	66.3
<b>121.0</b>	105.1	128.7	136.9	128.7	105.1	26.2	67.2
<b>121.5</b>	105.3	129.1	137.5	129.1	105.3	25.8	68.2
<b>122.0</b>	105.3	129.6	137.8	129.6	105.3	25.6	69.1
<b>122.5</b>	105.2	129.7	138.1	129.7	105.2	25.3	70.2
<b>123.0</b>	105.1	130.4	138.6	130.4	105.1	25.0	71.3
<b>123.5</b>	104.8	130.8	138.8	130.8	104.8	24.7	72.3
<b>124.0</b>	104.7	130.9	139.0	130.9	104.7	24.5	73.4

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 7K 360P-2-RD-835-X-WA.IES**

**CANDELA TABULATION - (Cont.)**

124.5	104.5	131.5	139.4	131.5	104.5	24.2	74.5
125.0	104.3	131.7	139.8	131.7	104.3	23.8	75.6
125.5	104.2	132.1	140.1	132.1	104.2	23.5	76.8
126.0	104.0	132.6	140.4	132.6	104.0	23.2	77.9
126.5	102.7	132.9	140.6	132.9	102.7	22.9	79.1
127.0	100.3	133.5	141.0	133.5	100.3	22.6	80.3
127.5	96.9	133.9	141.1	133.9	96.9	22.3	81.5
128.0	93.2	134.2	141.6	134.2	93.2	21.9	82.7
128.5	89.6	134.1	141.8	134.1	89.6	21.7	83.9
129.0	86.1	133.9	142.0	133.9	86.1	21.4	85.2
129.5	82.7	133.4	142.4	133.4	82.7	21.0	86.4
130.0	79.3	133.1	142.6	133.1	79.3	20.7	87.7
130.5	75.8	132.4	142.8	132.4	75.8	20.4	88.9
131.0	72.4	131.7	142.6	131.7	72.4	20.0	90.0
131.5	69.0	131.1	142.1	131.1	69.0	19.7	91.2
132.0	65.4	130.4	141.6	130.4	65.4	19.4	92.2
132.5	61.6	130.1	140.8	130.1	61.6	19.1	93.2
133.0	57.7	129.5	140.1	129.5	57.7	18.8	94.1
133.5	54.0	128.7	139.3	128.7	54.0	18.5	94.9
134.0	50.7	127.3	138.7	127.3	50.7	18.1	95.7
134.5	47.8	124.0	137.7	124.0	47.8	17.8	96.2
135.0	45.3	119.5	136.9	119.5	45.3	17.5	96.8
135.5	43.5	114.6	136.2	114.6	43.5	17.2	97.3
136.0	42.3	110.0	135.3	110.0	42.3	16.8	97.7
136.5	41.5	105.4	132.6	105.4	41.5	16.5	98.1
137.0	40.9	100.8	127.6	100.8	40.9	16.2	98.5
137.5	40.2	96.3	122.2	96.3	40.2	15.8	98.8
138.0	39.5	91.9	117.1	91.9	39.5	15.5	99.1
138.5	38.9	87.5	112.0	87.5	38.9	15.2	99.3
139.0	38.1	83.0	107.0	83.0	38.1	14.9	99.5
139.5	37.5	78.4	102.0	78.4	37.5	14.5	99.7
140.0	36.9	73.6	96.9	73.6	36.9	14.2	99.8
140.5	36.1	68.4	92.1	68.4	36.1	13.8	99.9
141.0	35.4	63.3	87.1	63.3	35.4	13.5	100.1
141.5	34.7	59.2	82.2	59.2	34.7	13.2	100.3
142.0	34.0	55.2	77.2	55.2	34.0	12.8	100.3
142.5	32.8	51.5	71.1	51.5	32.8	12.0	100.2
143.0	32.4	49.1	65.8	49.1	32.4	12.2	100.4
143.5	31.7	47.5	61.1	47.5	31.7	13.0	100.4
144.0	31.0	46.5	57.0	46.5	31.0	14.6	100.4
144.5	30.4	45.6	53.2	45.6	30.4	16.3	100.4
145.0	29.7	44.6	50.2	44.6	29.7	18.2	100.3
145.5	29.0	43.6	48.3	43.6	29.0	20.0	100.3
146.0	28.3	42.6	47.0	42.6	28.3	21.8	100.2
146.5	27.6	41.6	45.9	41.6	27.6	23.5	100.2
147.0	26.8	40.5	44.9	40.5	26.8	25.2	100.2
147.5	26.1	39.5	43.7	39.5	26.1	27.0	100.2
148.0	25.4	38.4	42.6	38.4	25.4	28.7	100.2
148.5	24.7	37.5	41.5	37.5	24.7	30.4	100.2
149.0	24.0	36.5	40.4	36.5	24.0	32.2	100.2
149.5	23.4	35.4	39.3	35.4	23.4	33.9	100.2
150.0	22.5	34.3	38.1	34.3	22.5	35.6	100.2
150.5	21.8	33.3	37.0	33.3	21.8	37.4	100.3
151.0	21.1	32.3	35.8	32.3	21.1	39.2	100.3
151.5	20.3	31.3	34.7	31.3	20.3	40.9	100.4
152.0	19.7	30.4	33.6	30.4	19.7	42.5	100.5

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 7K 360P-2-RD-835-X-WA.IES**

**CANDELA TABULATION - (Cont.)**

152.5	19.0	29.4	32.5	29.4	19.0	44.1	100.6
153.0	18.2	28.4	31.4	28.4	18.2	45.6	100.9
153.5	17.5	27.4	30.3	27.4	17.5	47.1	101.0
154.0	16.8	26.5	29.1	26.5	16.8	48.5	101.0
154.5	16.1	25.4	28.1	25.4	16.1	50.0	100.9
155.0	15.4	24.5	27.0	24.5	15.4	51.4	100.8
155.5	14.8	23.6	25.9	23.6	14.8	52.7	100.6
156.0	14.1	22.6	24.9	22.6	14.1	54.2	100.6
156.5	13.5	21.7	23.9	21.7	13.5	55.6	100.6
157.0	12.8	20.8	22.9	20.8	12.8	57.0	100.5
157.5	12.5	19.9	21.8	19.9	12.5	58.5	100.4
158.0	13.4	19.0	20.8	19.0	13.4	60.1	100.3
158.5	16.1	18.1	19.9	18.1	16.1	61.7	100.1
159.0	18.9	17.2	18.9	17.2	18.9	63.4	100.0
159.5	21.7	16.2	17.9	16.2	21.7	65.1	99.9
160.0	24.5	15.4	16.9	15.4	24.5	66.6	100.2
160.5	27.2	14.5	16.1	14.5	27.2	68.2	100.9
161.0	29.8	13.5	15.1	13.5	29.8	69.9	101.7
161.5	32.3	12.7	14.2	12.7	32.3	71.6	102.6
162.0	35.0	11.8	13.2	11.8	35.0	73.4	103.5
162.5	37.8	12.1	12.3	12.1	37.8	75.3	104.6
163.0	40.6	14.7	11.4	14.7	40.6	77.3	105.8
163.5	43.2	18.3	10.5	18.3	43.2	79.5	107.0
164.0	45.7	21.6	11.7	21.6	45.7	81.7	108.3
164.5	47.9	24.8	13.3	24.8	47.9	83.9	109.7
165.0	50.0	27.8	14.9	27.8	50.0	86.0	111.2
165.5	52.3	30.5	16.4	30.5	52.3	88.1	112.6
166.0	54.6	32.9	17.8	32.9	54.6	90.3	114.1
166.5	57.2	35.5	19.3	35.5	57.2	92.4	115.7
167.0	60.0	38.0	20.9	38.0	60.0	94.6	117.1
167.5	63.2	40.4	22.9	40.4	63.2	96.8	118.4
168.0	66.8	42.4	25.1	42.4	66.8	98.9	119.7
168.5	70.3	44.3	27.0	44.3	70.3	101.2	121.1
169.0	73.1	46.1	29.1	46.1	73.1	103.3	122.3
169.5	75.5	47.8	31.0	47.8	75.5	105.1	123.5
170.0	78.1	49.7	33.0	49.7	78.1	106.9	124.6
170.5	80.6	52.0	35.3	52.0	80.6	108.8	125.6
171.0	82.8	53.8	37.9	53.8	82.8	110.7	126.7
171.5	85.0	55.1	40.3	55.1	85.0	112.6	127.8
172.0	87.1	56.0	42.3	56.0	87.1	114.4	128.7
172.5	89.2	56.6	44.1	56.6	89.2	115.9	129.2
173.0	91.4	57.3	45.9	57.3	91.4	117.4	130.1
173.5	93.7	58.1	47.7	58.1	93.7	118.8	130.7
174.0	95.9	59.3	49.4	59.3	95.9	120.1	131.5
174.5	98.1	60.9	51.1	60.9	98.1	121.4	132.6
175.0	100.4	62.4	52.7	62.4	100.4	122.7	133.7
175.5	102.7	63.9	53.8	63.9	102.7	124.3	134.8
176.0	105.0	65.6	54.6	65.6	105.0	125.6	135.7
176.5	107.3	67.5	55.4	67.5	107.3	126.5	136.6
177.0	109.7	69.8	56.1	69.8	109.7	127.4	137.1
177.5	112.0	72.4	56.8	72.4	112.0	128.4	137.5
178.0	114.3	75.4	57.5	75.4	114.3	129.4	138.0
178.5	116.7	78.6	58.2	78.6	116.7	130.3	138.4
179.0	119.0	81.9	59.0	81.9	119.0	131.2	139.0
179.5	121.1	85.4	60.1	85.4	121.1	131.8	138.9
180.0	111.2	111.2	111.2	111.2	111.2	111.2	111.2

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 7K 360P-2-RD-835-X-WA.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	493.60	N.A.	7.00
0-30	1054.9	N.A.	15.00
0-40	1744.63	N.A.	24.80
0-60	3233.92	N.A.	46.00
0-80	4527.38	N.A.	64.30
0-90	5039.56	N.A.	71.60
10-90	4912.54	N.A.	69.80
20-40	1251.03	N.A.	17.80
20-50	1997.91	N.A.	28.40
40-70	2178.63	N.A.	31.00
60-80	1293.46	N.A.	18.40
70-80	604.12	N.A.	8.60
80-90	512.18	N.A.	7.30
90-110	858.96	N.A.	12.20
90-120	1207.15	N.A.	17.20
90-130	1494.47	N.A.	21.20
90-150	1856.21	N.A.	26.40
90-180	1997.15	N.A.	28.40
110-180	1138.19	N.A.	16.20
0-180	7036.71	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	127.02
10-20	366.58
20-30	561.30
30-40	689.73
40-50	746.88
50-60	742.41
60-70	689.35
70-80	604.12
80-90	512.18
90-100	454.11
100-110	404.85
110-120	348.20
120-130	287.31
130-140	216.41
140-150	145.33
150-160	87.02
160-170	42.24
170-180	11.68

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 7K 360P-2-RD-835-X-WA.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	112	112	112	112	106	106	106	106	95	95	95	85	85	85	76	76	76	72	72
1	99	94	88	84	94	88	84	80	79	75	72	70	67	65	62	60	58	54	54
2	89	80	72	66	84	76	69	63	67	62	57	60	56	52	53	50	46	43	43
3	81	70	61	54	76	66	58	51	59	52	47	52	47	43	46	42	38	35	35
4	74	61	52	45	69	58	49	43	52	45	39	46	40	36	41	36	32	29	29
5	67	54	45	38	63	51	43	37	46	39	34	41	35	31	36	32	28	25	25
6	62	48	39	33	58	46	38	32	41	34	29	37	31	27	33	28	24	21	21
7	57	44	35	29	54	42	33	28	37	31	25	34	28	23	30	25	21	19	19
8	53	40	31	25	50	38	30	24	34	27	23	31	25	21	27	23	19	17	17
9	50	36	28	23	47	35	27	22	31	25	20	28	23	19	25	21	17	15	15
10	46	33	25	20	44	32	24	20	29	23	18	26	21	17	24	19	15	13	13



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 7K 360P-2-RD-835-X-WA.IES**

**UGR TABLE - CORRECTED**

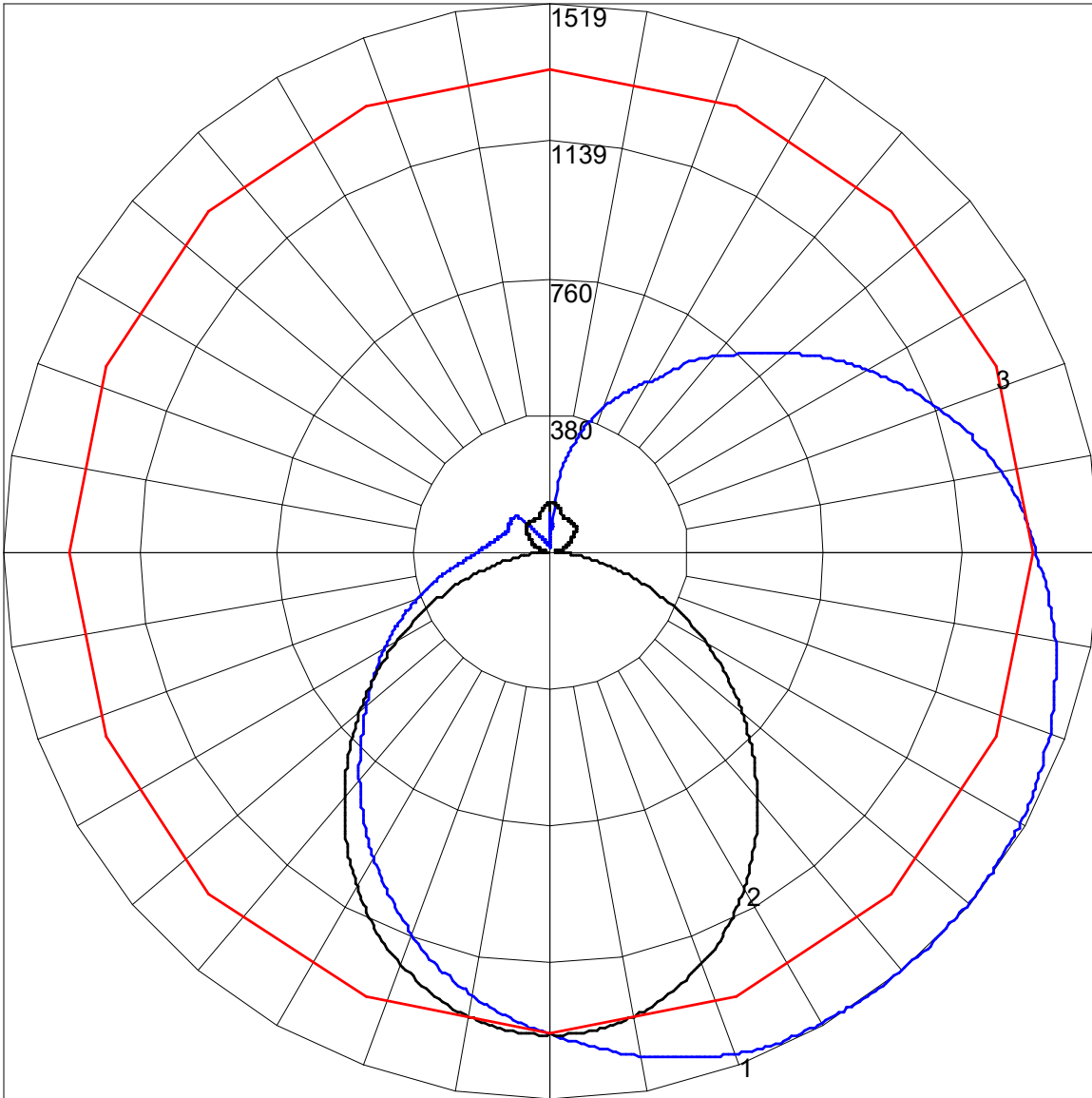
Reflectances

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	16.4	17.6	17.2	18.4	19.3	23.2	24.4	24.0	25.2	26.1
	3H	17.8	18.9	18.5	19.7	20.6	26.6	27.7	27.3	28.5	29.4
	4H	18.2	19.3	19.0	20.1	21.0	28.3	29.4	29.1	30.2	31.1
	6H	18.5	19.5	19.3	20.3	21.2	30.1	31.1	30.9	31.9	32.9
	8H	18.5	19.5	19.3	20.3	21.3	31.1	32.0	31.8	32.8	33.8
	12H	18.5	19.5	19.3	20.3	21.3	32.1	33.0	32.8	33.8	34.8
4H	2H	18.0	19.1	18.8	19.9	20.8	23.5	24.6	24.3	25.4	26.3
	3H	19.7	20.6	20.5	21.4	22.4	27.1	28.1	27.9	28.9	29.8
	4H	20.3	21.1	21.1	21.9	22.9	29.1	29.9	29.9	30.7	31.7
	6H	20.7	21.4	21.5	22.3	23.2	31.1	31.9	31.9	32.7	33.7
	8H	20.8	21.5	21.6	22.3	23.3	32.2	32.9	33.0	33.7	34.7
	12H	20.8	21.5	21.6	22.3	23.3	33.3	33.9	34.1	34.8	35.8
8H	4H	21.8	22.5	22.6	23.3	24.4	29.3	29.9	30.1	30.8	31.8
	6H	22.5	23.1	23.3	24.0	25.0	31.5	32.1	32.3	33.0	34.0
	8H	22.8	23.3	23.6	24.2	25.2	32.7	33.3	33.6	34.1	35.1
	12H	22.9	23.4	23.7	24.2	25.3	34.0	34.5	34.9	35.4	36.5
12H	4H	22.3	23.0	23.1	23.8	24.8	29.2	29.9	30.1	30.7	31.7
	6H	23.2	23.8	24.1	24.6	25.7	31.5	32.1	32.4	32.9	34.0
	8H	23.6	24.1	24.5	25.0	26.1	32.8	33.3	33.6	34.1	35.2

Maximum UGR = 36.5

POLAR GRAPH



Maximum Candela = 1519 Located At Horizontal Angle = 90, Vertical Angle = 44  
# 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)