

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: PORTFOLIO

Report Number: P245901

Luminaire Tested: **LD8B30D010 ER8B30835 8LBSW0B**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P245901
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P13958)
Test Lab: INNOVATION CENTER-P1
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD8B30D010 ER8B30835 8LBSW0B
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT
80 CRI 3500 CCT WITH SPECULAR BLACK TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2364.0 lumens
Efficiency: N/A
Efficacy: 87.2 lumens/watt
Spacing Criteria (0/90/45): 1.2 / 1.23 / 1.15
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

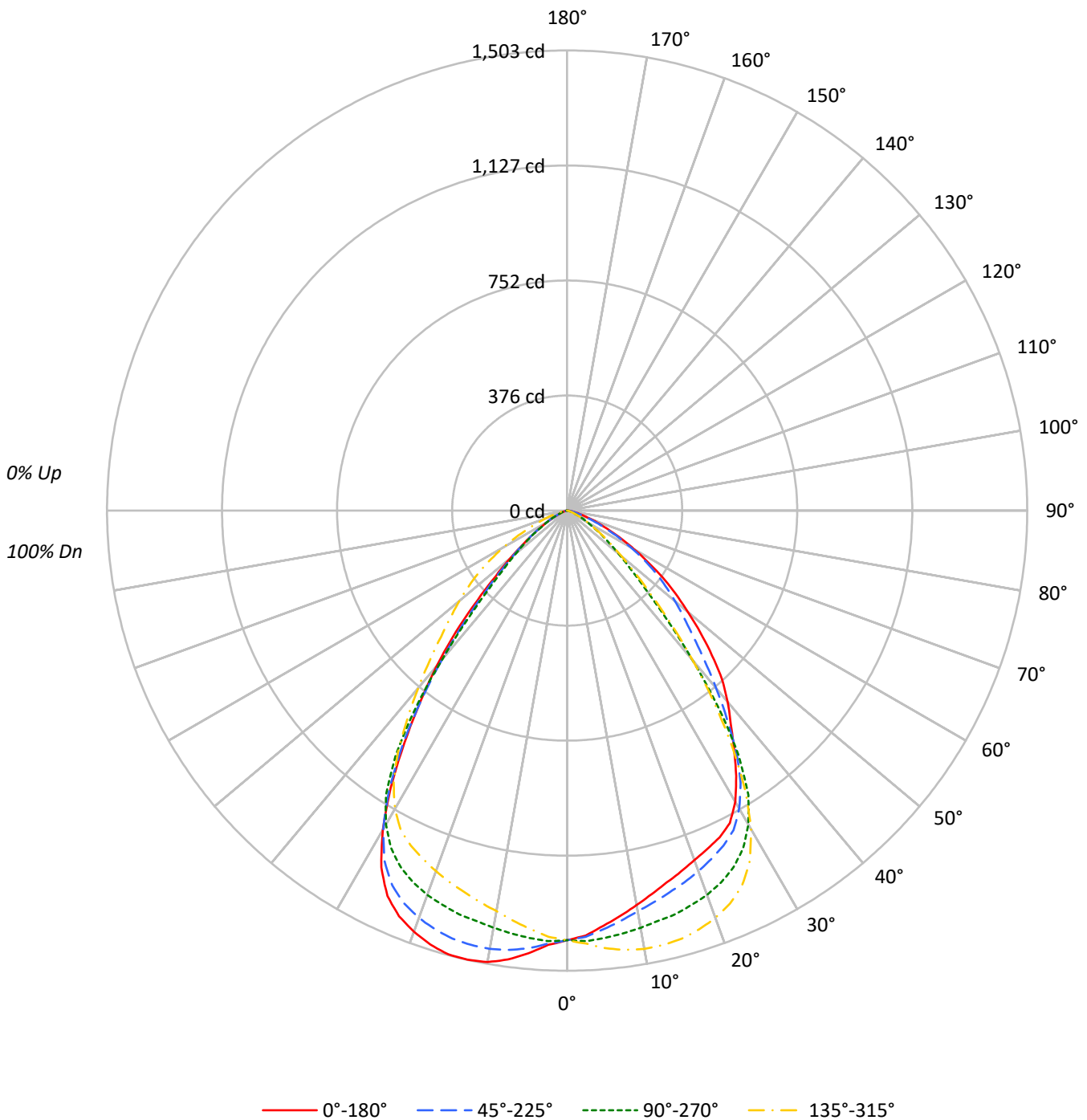
Input Watts (W): 27.1
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P245901

CATALOG NUMBER: LD8B30D010 ER8B30835 8LBSW0B

Luminous Intensity Polar Plot





TEST NUMBER: P245901

CATALOG NUMBER: LD8B30D010 ER8B30835 8LBSW0B

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|-----|---|--|---|
| RF | 20 | | | | | 20 | | | | | 20 | | | | | 20 | | | | | 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 | 50 | 30 | 10 | 50 | 30 | 10 | 0 | | |
| RCR | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | | | | | 100 | | | |
| 1 | 112 | 109 | 106 | 103 | 109 | 106 | 104 | 101 | 102 | 100 | 98 | 99 | 97 | 95 | 95 | 94 | 92 | 90 | | | | | 90 | | | |
| 2 | 105 | 99 | 94 | 89 | 102 | 97 | 92 | 88 | 93 | 90 | 86 | 90 | 87 | 84 | 87 | 85 | 83 | 81 | | | | | 81 | | | |
| 3 | 98 | 90 | 83 | 78 | 95 | 88 | 82 | 78 | 85 | 80 | 76 | 83 | 79 | 75 | 80 | 77 | 74 | 72 | | | | | 72 | | | |
| 4 | 91 | 82 | 75 | 70 | 89 | 80 | 74 | 69 | 78 | 73 | 68 | 76 | 71 | 67 | 74 | 70 | 67 | 65 | | | | | 65 | | | |
| 5 | 85 | 75 | 68 | 62 | 83 | 74 | 67 | 62 | 72 | 66 | 61 | 70 | 65 | 61 | 68 | 64 | 60 | 58 | | | | | 58 | | | |
| 6 | 80 | 69 | 61 | 56 | 78 | 68 | 61 | 56 | 66 | 60 | 55 | 65 | 59 | 55 | 63 | 58 | 55 | 53 | | | | | 53 | | | |
| 7 | 75 | 63 | 56 | 51 | 73 | 63 | 56 | 51 | 61 | 55 | 50 | 60 | 54 | 50 | 59 | 54 | 50 | 48 | | | | | 48 | | | |
| 8 | 70 | 59 | 51 | 46 | 69 | 58 | 51 | 46 | 57 | 50 | 46 | 56 | 50 | 46 | 55 | 49 | 46 | 44 | | | | | 44 | | | |
| 9 | 66 | 54 | 47 | 42 | 65 | 54 | 47 | 42 | 53 | 47 | 42 | 52 | 46 | 42 | 51 | 46 | 42 | 40 | | | | | 40 | | | |
| 10 | 62 | 51 | 44 | 39 | 61 | 50 | 44 | 39 | 49 | 43 | 39 | 48 | 43 | 39 | 48 | 42 | 39 | 37 | | | | | 37 | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 43276 | 43276 | 43276 | 43276 |
| 5° | 42129 | 43379 | 44927 | 43379 |
| 10° | 40962 | 43320 | 46883 | 43320 |
| 15° | 40145 | 43580 | 47908 | 43580 |
| 20° | 39871 | 43828 | 48032 | 43828 |
| 25° | 40080 | 43741 | 47259 | 43741 |
| 30° | 39089 | 42141 | 42895 | 42141 |
| 35° | 35754 | 36760 | 34877 | 36760 |
| 40° | 32827 | 25569 | 26704 | 25569 |
| 45° | 29166 | 15599 | 18050 | 15599 |
| 50° | 24687 | 10420 | 11571 | 10420 |
| 55° | 20445 | 7113 | 7516 | 7113 |
| 60° | 15597 | 4730 | 4773 | 4730 |
| 65° | 11047 | 2948 | 2700 | 2948 |
| 70° | 7970 | 1974 | 1794 | 1974 |
| 75° | 5064 | 977 | 822 | 977 |
| 80° | 3534 | 728 | 604 | 728 |
| 85° | 3149 | 0 | 248 | 0 |



TEST NUMBER: P245901

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 133.6 | 5.7 |
| 10°-20° | 386.8 | 16.4 |
| 20°-30° | 585.7 | 24.8 |
| 30°-40° | 587.0 | 24.8 |
| 40°-50° | 368.6 | 15.6 |
| 50°-60° | 196.4 | 8.3 |
| 60°-70° | 80.8 | 3.4 |
| 70°-80° | 21.3 | 0.9 |
| 80°-90° | 3.6 | 0.2 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 0.0 |
| 140°-150° | 0.0 | 0.0 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-30° | 1106.1 | 46.8 |
| 0°-40° | 1693.2 | 71.6 |
| 0°-60° | 2258.3 | 95.5 |
| 0°-90° | 2364.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 2364.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 1403 | 1403 | 1403 | 1403 | 1403 | |
| 5° | 1361 | 1401 | 1451 | 1401 | 1361 | 128 |
| 15° | 1258 | 1365 | 1501 | 1365 | 1258 | 356 |
| 25° | 1178 | 1286 | 1389 | 1286 | 1178 | 540 |
| 35° | 950 | 976 | 926 | 976 | 950 | 595 |
| 45° | 669 | 358 | 414 | 358 | 669 | 514 |
| 55° | 380 | 132 | 140 | 132 | 380 | 339 |
| 65° | 151 | 40 | 37 | 40 | 151 | 157 |
| 75° | 42 | 8 | 7 | 8 | 42 | 48 |
| 85° | 9 | 0 | 1 | 0 | 9 | 10 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P245901

CATALOG NUMBER: LD8B30D010 ER8B30835 8LBSW0B

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 |
| 2.5° | 1389.0 | 1387.7 | 1387.0 | 1388.4 | 1389.0 | 1391.8 | 1391.1 | 1392.5 | 1392.5 | 1393.2 | 1394.5 |
| 5° | 1361.0 | 1360.2 | 1361.0 | 1361.0 | 1363.7 | 1366.4 | 1365.7 | 1367.8 | 1369.2 | 1372.6 | 1374.0 |
| 7.5° | 1334.9 | 1334.9 | 1334.2 | 1336.9 | 1338.3 | 1342.4 | 1341.7 | 1345.2 | 1347.2 | 1350.7 | 1355.5 |
| 10° | 1308.2 | 1308.2 | 1308.9 | 1310.9 | 1311.6 | 1317.8 | 1317.8 | 1322.6 | 1325.3 | 1328.7 | 1334.9 |
| 12.5° | 1282.1 | 1282.1 | 1286.3 | 1284.9 | 1287.6 | 1292.4 | 1294.5 | 1299.3 | 1303.4 | 1310.2 | 1316.4 |
| 15° | 1257.5 | 1257.5 | 1258.8 | 1262.3 | 1264.3 | 1270.5 | 1273.9 | 1279.4 | 1284.2 | 1291.1 | 1300.0 |
| 17.5° | 1236.2 | 1235.5 | 1236.2 | 1240.3 | 1244.5 | 1249.9 | 1252.7 | 1259.5 | 1264.3 | 1273.2 | 1281.5 |
| 20° | 1215.0 | 1216.4 | 1216.4 | 1219.8 | 1222.5 | 1229.4 | 1232.1 | 1239.7 | 1245.1 | 1253.3 | 1263.0 |
| 22.5° | 1196.5 | 1195.8 | 1195.8 | 1200.6 | 1202.7 | 1208.8 | 1211.5 | 1218.4 | 1224.6 | 1231.4 | 1240.3 |
| 25° | 1178.0 | 1176.6 | 1179.4 | 1180.0 | 1181.4 | 1188.2 | 1190.3 | 1195.1 | 1201.3 | 1207.5 | 1216.4 |
| 27.5° | 1150.6 | 1149.2 | 1149.9 | 1152.6 | 1154.7 | 1160.2 | 1161.5 | 1166.3 | 1171.1 | 1176.6 | 1184.2 |
| 30° | 1097.8 | 1096.4 | 1095.8 | 1100.6 | 1102.6 | 1106.7 | 1108.8 | 1117.0 | 1118.4 | 1124.5 | 1130.0 |
| 32.5° | 1027.9 | 1027.2 | 1028.6 | 1032.7 | 1034.7 | 1040.2 | 1043.0 | 1047.8 | 1051.2 | 1054.6 | 1060.1 |
| 35° | 949.8 | 948.4 | 949.8 | 953.9 | 953.9 | 958.7 | 960.8 | 962.8 | 962.1 | 962.8 | 961.4 |
| 37.5° | 877.2 | 876.5 | 877.2 | 879.2 | 877.2 | 879.2 | 877.2 | 873.0 | 865.5 | 857.3 | 849.0 |
| 40° | 815.5 | 816.1 | 812.1 | 814.8 | 807.2 | 805.9 | 798.4 | 788.1 | 773.0 | 756.5 | 733.3 |
| 42.5° | 749.7 | 747.6 | 744.9 | 746.3 | 740.1 | 735.3 | 723.0 | 710.0 | 690.7 | 663.4 | 635.2 |
| 45° | 668.8 | 668.2 | 666.8 | 666.1 | 662.0 | 657.2 | 646.9 | 631.8 | 610.6 | 582.5 | 548.9 |
| 47.5° | 590.0 | 588.0 | 588.0 | 588.6 | 583.8 | 583.2 | 574.9 | 561.9 | 543.4 | 516.0 | 481.1 |
| 50° | 514.6 | 513.9 | 515.3 | 518.1 | 514.6 | 513.3 | 507.8 | 498.9 | 482.4 | 459.1 | 426.2 |
| 52.5° | 446.8 | 446.1 | 447.5 | 450.9 | 449.5 | 450.9 | 445.4 | 438.6 | 427.6 | 405.0 | 376.2 |
| 55° | 380.3 | 380.3 | 380.3 | 384.4 | 384.4 | 384.4 | 381.7 | 377.6 | 367.3 | 350.9 | 324.1 |
| 57.5° | 311.1 | 311.8 | 315.9 | 316.6 | 315.9 | 317.3 | 316.6 | 312.5 | 305.6 | 294.0 | 273.4 |
| 60° | 252.9 | 252.9 | 254.9 | 257.0 | 256.3 | 257.0 | 257.0 | 254.9 | 248.1 | 238.5 | 222.0 |
| 62.5° | 200.1 | 202.2 | 200.8 | 202.2 | 204.9 | 202.2 | 200.8 | 199.4 | 194.6 | 188.4 | 174.7 |
| 65° | 151.4 | 152.8 | 152.8 | 153.5 | 152.1 | 152.8 | 150.1 | 148.0 | 145.3 | 138.4 | 129.5 |
| 67.5° | 115.1 | 115.1 | 115.1 | 115.1 | 114.4 | 113.8 | 113.1 | 111.0 | 106.2 | 103.5 | 93.9 |
| 70° | 88.4 | 84.3 | 84.3 | 84.3 | 84.3 | 85.0 | 82.9 | 80.2 | 78.8 | 74.0 | 67.2 |
| 72.5° | 58.9 | 60.3 | 58.9 | 58.9 | 57.6 | 58.2 | 55.5 | 54.1 | 52.8 | 50.0 | 45.9 |
| 75° | 42.5 | 39.1 | 40.4 | 41.1 | 39.1 | 40.4 | 37.7 | 34.9 | 34.9 | 32.9 | 30.8 |
| 77.5° | 27.4 | 26.7 | 27.4 | 28.1 | 27.4 | 26.7 | 25.4 | 24.0 | 24.0 | 23.3 | 21.2 |
| 80° | 19.9 | 19.2 | 19.2 | 19.2 | 18.5 | 19.2 | 17.8 | 17.8 | 16.4 | 15.8 | 14.4 |
| 82.5° | 13.0 | 13.0 | 12.3 | 13.0 | 12.3 | 13.0 | 11.0 | 11.0 | 11.0 | 10.3 | 8.9 |
| 85° | 8.9 | 7.5 | 7.5 | 8.2 | 6.9 | 8.2 | 7.5 | 6.9 | 6.2 | 6.2 | 5.5 |
| 87.5° | 4.1 | 4.8 | 4.1 | 4.8 | 4.1 | 4.1 | 4.8 | 4.1 | 4.1 | 2.7 | 2.7 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P245901

CATALOG NUMBER: LD8B30D010 ER8B30835 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 |
| 2.5° | 1396.6 | 1397.3 | 1397.3 | 1400.0 | 1401.4 | 1402.0 | 1402.0 | 1407.6 | 1405.5 | 1406.9 | 1408.2 |
| 5° | 1376.7 | 1380.8 | 1382.2 | 1382.2 | 1389.7 | 1392.5 | 1395.2 | 1401.4 | 1402.0 | 1406.2 | 1411.0 |
| 7.5° | 1357.5 | 1362.3 | 1365.1 | 1371.2 | 1376.0 | 1380.8 | 1389.0 | 1393.2 | 1397.3 | 1402.8 | 1408.9 |
| 10° | 1339.0 | 1344.5 | 1350.0 | 1354.8 | 1362.3 | 1368.5 | 1374.0 | 1383.5 | 1388.4 | 1395.9 | 1404.1 |
| 12.5° | 1321.2 | 1328.7 | 1333.5 | 1341.7 | 1350.0 | 1355.5 | 1363.7 | 1372.6 | 1380.1 | 1387.7 | 1397.3 |
| 15° | 1305.4 | 1314.4 | 1319.8 | 1328.7 | 1337.7 | 1345.2 | 1354.1 | 1365.1 | 1370.5 | 1379.5 | 1388.4 |
| 17.5° | 1288.3 | 1297.9 | 1304.8 | 1313.0 | 1323.9 | 1332.2 | 1339.7 | 1350.7 | 1357.5 | 1367.1 | 1377.4 |
| 20° | 1270.5 | 1280.1 | 1288.3 | 1296.5 | 1307.5 | 1315.7 | 1324.6 | 1335.6 | 1343.1 | 1352.7 | 1361.0 |
| 22.5° | 1249.3 | 1258.2 | 1267.1 | 1276.6 | 1287.6 | 1294.5 | 1304.8 | 1314.4 | 1322.6 | 1331.5 | 1339.7 |
| 25° | 1221.8 | 1232.8 | 1239.7 | 1248.6 | 1257.5 | 1265.0 | 1276.0 | 1285.6 | 1292.4 | 1300.6 | 1308.2 |
| 27.5° | 1189.6 | 1197.9 | 1203.3 | 1210.9 | 1219.8 | 1226.6 | 1234.8 | 1244.5 | 1251.3 | 1258.8 | 1264.3 |
| 30° | 1134.8 | 1142.4 | 1147.1 | 1152.6 | 1161.5 | 1167.7 | 1174.6 | 1183.5 | 1188.2 | 1193.7 | 1198.5 |
| 32.5° | 1062.8 | 1069.0 | 1071.8 | 1075.9 | 1082.0 | 1088.2 | 1093.7 | 1101.2 | 1103.3 | 1106.7 | 1106.7 |
| 35° | 958.7 | 960.1 | 959.4 | 960.8 | 963.5 | 966.9 | 971.7 | 976.5 | 979.2 | 979.2 | 977.2 |
| 37.5° | 836.7 | 828.5 | 819.6 | 812.7 | 810.7 | 809.3 | 812.1 | 814.1 | 816.9 | 818.2 | 814.8 |
| 40° | 710.0 | 691.4 | 671.6 | 653.7 | 641.4 | 635.9 | 633.9 | 635.2 | 635.2 | 640.0 | 640.0 |
| 42.5° | 601.0 | 572.2 | 542.7 | 516.0 | 498.2 | 484.5 | 478.3 | 478.3 | 479.0 | 482.4 | 484.5 |
| 45° | 510.5 | 474.2 | 439.9 | 410.5 | 385.8 | 368.0 | 359.8 | 357.7 | 357.0 | 358.4 | 363.2 |
| 47.5° | 441.3 | 403.6 | 368.0 | 331.7 | 305.6 | 287.8 | 280.3 | 277.5 | 274.8 | 277.5 | 278.2 |
| 50° | 387.2 | 348.1 | 310.4 | 274.1 | 246.7 | 230.9 | 221.3 | 217.2 | 216.5 | 216.5 | 217.9 |
| 52.5° | 337.8 | 301.5 | 263.8 | 226.8 | 198.0 | 183.0 | 174.1 | 172.0 | 169.3 | 172.0 | 172.0 |
| 55° | 291.2 | 254.9 | 217.9 | 183.0 | 159.0 | 143.2 | 135.0 | 132.3 | 130.9 | 132.9 | 132.9 |
| 57.5° | 240.5 | 209.7 | 175.4 | 143.9 | 119.9 | 109.0 | 102.8 | 99.4 | 98.7 | 100.0 | 98.7 |
| 60° | 197.4 | 171.3 | 141.8 | 113.1 | 94.6 | 82.9 | 78.1 | 76.7 | 75.4 | 76.7 | 76.7 |
| 62.5° | 156.2 | 134.3 | 110.3 | 88.4 | 72.6 | 64.4 | 58.9 | 58.9 | 58.2 | 58.2 | 58.9 |
| 65° | 115.8 | 98.7 | 81.5 | 63.0 | 50.7 | 44.5 | 40.4 | 40.4 | 39.7 | 40.4 | 39.7 |
| 67.5° | 84.3 | 72.6 | 58.9 | 45.9 | 36.3 | 32.9 | 30.2 | 28.1 | 29.5 | 28.1 | 27.4 |
| 70° | 61.7 | 52.1 | 42.5 | 34.9 | 28.1 | 24.7 | 22.6 | 21.9 | 20.6 | 20.6 | 20.6 |
| 72.5° | 41.1 | 34.9 | 28.8 | 22.6 | 18.5 | 15.1 | 14.4 | 13.0 | 11.6 | 12.3 | 13.7 |
| 75° | 27.4 | 23.3 | 20.6 | 16.4 | 12.3 | 12.3 | 8.2 | 8.2 | 6.9 | 8.2 | 6.2 |
| 77.5° | 19.2 | 15.8 | 12.3 | 10.3 | 8.2 | 7.5 | 5.5 | 5.5 | 4.8 | 4.8 | 4.8 |
| 80° | 13.7 | 11.6 | 8.9 | 7.5 | 5.5 | 5.5 | 4.8 | 4.1 | 3.4 | 3.4 | 4.1 |
| 82.5° | 8.2 | 6.2 | 6.2 | 5.5 | 3.4 | 2.7 | 2.1 | 2.7 | 1.4 | 1.4 | 1.4 |
| 85° | 4.8 | 4.1 | 3.4 | 2.1 | 1.4 | 1.4 | 0.7 | 0.0 | 0.7 | 0.7 | 0.0 |
| 87.5° | 2.7 | 1.4 | 1.4 | 0.7 | 0.0 | 0.7 | 0.7 | 0.0 | 0.0 | 0.0 | 1.4 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P245901

CATALOG NUMBER: LD8B30D010 ER8B30835 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 |
| 2.5° | 1411.7 | 1411.0 | 1412.3 | 1412.3 | 1416.5 | 1415.8 | 1417.8 | 1417.8 | 1416.5 | 1417.1 | 1419.9 |
| 5° | 1416.5 | 1418.5 | 1422.6 | 1426.1 | 1432.2 | 1435.0 | 1438.4 | 1441.8 | 1442.5 | 1444.6 | 1446.6 |
| 7.5° | 1416.5 | 1423.3 | 1428.1 | 1434.3 | 1442.5 | 1447.3 | 1454.8 | 1461.0 | 1463.7 | 1467.1 | 1471.3 |
| 10° | 1413.7 | 1420.6 | 1429.5 | 1436.3 | 1446.6 | 1454.1 | 1461.7 | 1471.3 | 1475.4 | 1480.9 | 1486.4 |
| 12.5° | 1408.2 | 1415.8 | 1425.3 | 1434.3 | 1445.9 | 1452.8 | 1462.4 | 1471.3 | 1477.4 | 1485.0 | 1491.2 |
| 15° | 1400.0 | 1408.9 | 1417.8 | 1426.7 | 1439.1 | 1447.3 | 1456.2 | 1466.5 | 1472.7 | 1480.9 | 1486.4 |
| 17.5° | 1387.0 | 1396.6 | 1404.8 | 1413.0 | 1424.7 | 1434.3 | 1442.5 | 1452.1 | 1458.3 | 1465.1 | 1472.7 |
| 20° | 1371.2 | 1380.1 | 1389.0 | 1395.9 | 1407.6 | 1415.8 | 1424.7 | 1433.6 | 1438.4 | 1439.8 | 1451.4 |
| 22.5° | 1351.4 | 1357.5 | 1364.4 | 1375.3 | 1382.2 | 1389.7 | 1398.0 | 1406.2 | 1411.0 | 1418.5 | 1422.6 |
| 25° | 1318.4 | 1324.6 | 1332.2 | 1336.9 | 1345.2 | 1351.4 | 1359.6 | 1368.5 | 1371.2 | 1376.7 | 1380.8 |
| 27.5° | 1272.6 | 1276.0 | 1279.4 | 1283.5 | 1288.3 | 1291.7 | 1296.5 | 1300.6 | 1303.4 | 1306.1 | 1308.9 |
| 30° | 1199.9 | 1199.9 | 1199.9 | 1197.2 | 1199.2 | 1201.3 | 1202.0 | 1201.3 | 1201.3 | 1200.6 | 1200.6 |
| 32.5° | 1104.0 | 1098.5 | 1092.3 | 1086.8 | 1084.8 | 1082.0 | 1080.7 | 1078.6 | 1075.2 | 1073.1 | 1073.8 |
| 35° | 974.4 | 962.1 | 954.6 | 947.7 | 942.3 | 938.1 | 936.1 | 934.0 | 933.3 | 930.6 | 927.8 |
| 37.5° | 812.7 | 803.8 | 798.4 | 794.2 | 789.4 | 785.3 | 786.0 | 786.7 | 788.7 | 787.4 | 788.1 |
| 40° | 641.4 | 639.4 | 641.4 | 636.6 | 635.2 | 636.6 | 640.0 | 644.9 | 647.6 | 650.3 | 655.1 |
| 42.5° | 487.9 | 491.3 | 496.1 | 496.1 | 498.2 | 500.9 | 505.0 | 512.6 | 516.7 | 521.5 | 527.0 |
| 45° | 367.3 | 371.4 | 377.6 | 379.6 | 381.0 | 384.4 | 389.2 | 395.4 | 398.1 | 402.2 | 407.0 |
| 47.5° | 283.0 | 285.8 | 289.2 | 292.6 | 296.0 | 297.4 | 302.2 | 302.2 | 305.6 | 308.4 | 309.7 |
| 50° | 220.7 | 223.4 | 226.1 | 228.2 | 229.6 | 231.6 | 233.0 | 235.0 | 235.7 | 237.1 | 237.8 |
| 52.5° | 172.7 | 176.1 | 176.1 | 177.5 | 179.5 | 181.6 | 180.9 | 181.6 | 182.3 | 182.3 | 184.3 |
| 55° | 135.0 | 135.0 | 137.1 | 137.1 | 138.4 | 137.7 | 138.4 | 138.4 | 138.4 | 138.4 | 139.1 |
| 57.5° | 100.7 | 101.4 | 103.5 | 102.1 | 101.4 | 102.8 | 101.4 | 102.8 | 102.1 | 103.5 | 101.4 |
| 60° | 77.4 | 77.4 | 78.1 | 78.1 | 78.8 | 78.8 | 78.8 | 78.1 | 78.1 | 77.4 | 77.4 |
| 62.5° | 58.2 | 58.9 | 59.6 | 58.9 | 58.9 | 58.9 | 58.2 | 58.2 | 57.6 | 56.9 | 56.9 |
| 65° | 39.1 | 38.4 | 39.7 | 38.4 | 39.1 | 39.1 | 38.4 | 39.1 | 37.0 | 37.7 | 37.0 |
| 67.5° | 28.1 | 27.4 | 26.7 | 27.4 | 26.7 | 26.0 | 26.0 | 26.7 | 27.4 | 25.4 | 25.4 |
| 70° | 18.5 | 19.2 | 18.5 | 19.2 | 19.9 | 19.9 | 19.2 | 18.5 | 19.2 | 17.8 | 18.5 |
| 72.5° | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 | 12.3 | 12.3 | 12.3 | 11.0 | 11.0 | 10.3 |
| 75° | 5.5 | 7.5 | 6.2 | 5.5 | 7.5 | 7.5 | 6.9 | 6.9 | 6.2 | 6.2 | 6.2 |
| 77.5° | 5.5 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 3.4 | 4.1 | 3.4 |
| 80° | 2.7 | 2.7 | 2.7 | 2.1 | 2.7 | 2.7 | 3.4 | 2.7 | 2.7 | 2.1 | 3.4 |
| 82.5° | 1.4 | 1.4 | 1.4 | 0.0 | 0.7 | 1.4 | 1.4 | 0.7 | 1.4 | 1.4 | 0.7 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P245901

CATALOG NUMBER: LD8B30D010 ER8B30835 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 |
| 2.5° | 1419.2 | 1418.5 | 1419.2 | 1419.9 | 1419.2 | 1418.5 | 1419.2 | 1419.9 | 1417.1 | 1416.5 | 1417.8 |
| 5° | 1449.4 | 1449.4 | 1450.7 | 1451.4 | 1450.7 | 1449.4 | 1449.4 | 1446.6 | 1444.6 | 1442.5 | 1441.8 |
| 7.5° | 1475.4 | 1476.8 | 1478.1 | 1478.8 | 1478.1 | 1476.8 | 1475.4 | 1471.3 | 1467.1 | 1463.7 | 1461.0 |
| 10° | 1491.2 | 1493.2 | 1495.9 | 1497.3 | 1495.9 | 1493.2 | 1491.2 | 1486.4 | 1480.9 | 1475.4 | 1471.3 |
| 12.5° | 1498.0 | 1500.1 | 1503.5 | 1502.8 | 1503.5 | 1500.1 | 1498.0 | 1491.2 | 1485.0 | 1477.4 | 1471.3 |
| 15° | 1493.2 | 1495.9 | 1499.4 | 1500.7 | 1499.4 | 1495.9 | 1493.2 | 1486.4 | 1480.9 | 1472.7 | 1466.5 |
| 17.5° | 1478.1 | 1482.2 | 1484.3 | 1486.4 | 1484.3 | 1482.2 | 1478.1 | 1472.7 | 1465.1 | 1458.3 | 1452.1 |
| 20° | 1457.6 | 1460.3 | 1463.1 | 1463.7 | 1463.1 | 1460.3 | 1457.6 | 1451.4 | 1439.8 | 1438.4 | 1433.6 |
| 22.5° | 1428.1 | 1430.2 | 1436.3 | 1434.3 | 1436.3 | 1430.2 | 1428.1 | 1422.6 | 1418.5 | 1411.0 | 1406.2 |
| 25° | 1385.6 | 1387.7 | 1388.4 | 1389.0 | 1388.4 | 1387.7 | 1385.6 | 1380.8 | 1376.7 | 1371.2 | 1368.5 |
| 27.5° | 1312.3 | 1312.3 | 1313.7 | 1314.4 | 1313.7 | 1312.3 | 1312.3 | 1308.9 | 1306.1 | 1303.4 | 1300.6 |
| 30° | 1201.3 | 1201.3 | 1201.3 | 1204.7 | 1201.3 | 1201.3 | 1201.3 | 1200.6 | 1200.6 | 1201.3 | 1201.3 |
| 32.5° | 1073.1 | 1071.8 | 1070.4 | 1071.8 | 1070.4 | 1071.8 | 1073.1 | 1073.8 | 1073.1 | 1075.2 | 1078.6 |
| 35° | 927.8 | 927.2 | 929.2 | 926.5 | 929.2 | 927.2 | 927.8 | 927.8 | 930.6 | 933.3 | 934.0 |
| 37.5° | 788.7 | 787.4 | 790.1 | 787.4 | 790.1 | 787.4 | 788.7 | 788.1 | 787.4 | 788.7 | 786.7 |
| 40° | 656.5 | 657.9 | 657.9 | 663.4 | 657.9 | 657.9 | 656.5 | 655.1 | 650.3 | 647.6 | 644.9 |
| 42.5° | 529.7 | 533.8 | 532.5 | 536.6 | 532.5 | 533.8 | 529.7 | 527.0 | 521.5 | 516.7 | 512.6 |
| 45° | 409.8 | 412.5 | 412.5 | 413.9 | 412.5 | 412.5 | 409.8 | 407.0 | 402.2 | 398.1 | 395.4 |
| 47.5° | 314.5 | 314.5 | 314.5 | 315.2 | 314.5 | 314.5 | 314.5 | 309.7 | 308.4 | 305.6 | 302.2 |
| 50° | 239.2 | 239.8 | 240.5 | 241.2 | 240.5 | 239.8 | 239.2 | 237.8 | 237.1 | 235.7 | 235.0 |
| 52.5° | 183.7 | 184.3 | 183.0 | 184.3 | 183.0 | 184.3 | 183.7 | 184.3 | 182.3 | 182.3 | 181.6 |
| 55° | 139.1 | 138.4 | 139.1 | 139.8 | 139.1 | 138.4 | 139.1 | 139.1 | 138.4 | 138.4 | 138.4 |
| 57.5° | 102.1 | 100.7 | 100.7 | 100.7 | 100.7 | 100.7 | 102.1 | 101.4 | 103.5 | 102.1 | 102.8 |
| 60° | 76.1 | 76.7 | 76.7 | 77.4 | 76.7 | 76.7 | 76.1 | 77.4 | 77.4 | 78.1 | 78.1 |
| 62.5° | 56.2 | 58.2 | 56.9 | 58.2 | 56.9 | 58.2 | 56.2 | 56.9 | 56.9 | 57.6 | 58.2 |
| 65° | 36.3 | 36.3 | 36.3 | 37.0 | 36.3 | 36.3 | 36.3 | 37.0 | 37.7 | 37.0 | 39.1 |
| 67.5° | 24.7 | 25.4 | 26.7 | 26.0 | 26.7 | 25.4 | 24.7 | 25.4 | 25.4 | 27.4 | 26.7 |
| 70° | 19.9 | 17.8 | 17.8 | 19.9 | 17.8 | 17.8 | 19.9 | 18.5 | 17.8 | 19.2 | 18.5 |
| 72.5° | 11.6 | 10.3 | 11.6 | 11.6 | 11.6 | 10.3 | 11.6 | 10.3 | 11.0 | 11.0 | 12.3 |
| 75° | 6.2 | 5.5 | 4.8 | 6.9 | 4.8 | 5.5 | 6.2 | 6.2 | 6.2 | 6.2 | 6.9 |
| 77.5° | 4.1 | 3.4 | 4.8 | 4.8 | 4.8 | 3.4 | 4.1 | 3.4 | 4.1 | 3.4 | 4.1 |
| 80° | 2.1 | 2.7 | 2.1 | 3.4 | 2.1 | 2.7 | 2.1 | 3.4 | 2.1 | 2.7 | 2.7 |
| 82.5° | 0.7 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 0.7 | 0.7 | 1.4 | 1.4 | 0.7 |
| 85° | 0.0 | 1.4 | 0.7 | 0.7 | 0.7 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.7 | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P245901

CATALOG NUMBER: LD8B30D010 ER8B30835 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 |
| 2.5° | 1417.8 | 1415.8 | 1416.5 | 1412.3 | 1412.3 | 1411.0 | 1411.7 | 1408.2 | 1406.9 | 1405.5 | 1407.6 |
| 5° | 1438.4 | 1435.0 | 1432.2 | 1426.1 | 1422.6 | 1418.5 | 1416.5 | 1411.0 | 1406.2 | 1402.0 | 1401.4 |
| 7.5° | 1454.8 | 1447.3 | 1442.5 | 1434.3 | 1428.1 | 1423.3 | 1416.5 | 1408.9 | 1402.8 | 1397.3 | 1393.2 |
| 10° | 1461.7 | 1454.1 | 1446.6 | 1436.3 | 1429.5 | 1420.6 | 1413.7 | 1404.1 | 1395.9 | 1388.4 | 1383.5 |
| 12.5° | 1462.4 | 1452.8 | 1445.9 | 1434.3 | 1425.3 | 1415.8 | 1408.2 | 1397.3 | 1387.7 | 1380.1 | 1372.6 |
| 15° | 1456.2 | 1447.3 | 1439.1 | 1426.7 | 1417.8 | 1408.9 | 1400.0 | 1388.4 | 1379.5 | 1370.5 | 1365.1 |
| 17.5° | 1442.5 | 1434.3 | 1424.7 | 1413.0 | 1404.8 | 1396.6 | 1387.0 | 1377.4 | 1367.1 | 1357.5 | 1350.7 |
| 20° | 1424.7 | 1415.8 | 1407.6 | 1395.9 | 1389.0 | 1380.1 | 1371.2 | 1361.0 | 1352.7 | 1343.1 | 1335.6 |
| 22.5° | 1398.0 | 1389.7 | 1382.2 | 1375.3 | 1364.4 | 1357.5 | 1351.4 | 1339.7 | 1331.5 | 1322.6 | 1314.4 |
| 25° | 1359.6 | 1351.4 | 1345.2 | 1336.9 | 1332.2 | 1324.6 | 1318.4 | 1308.2 | 1300.6 | 1292.4 | 1285.6 |
| 27.5° | 1296.5 | 1291.7 | 1288.3 | 1283.5 | 1279.4 | 1276.0 | 1272.6 | 1264.3 | 1258.8 | 1251.3 | 1244.5 |
| 30° | 1202.0 | 1201.3 | 1199.2 | 1197.2 | 1199.9 | 1199.9 | 1199.9 | 1198.5 | 1193.7 | 1188.2 | 1183.5 |
| 32.5° | 1080.7 | 1082.0 | 1084.8 | 1086.8 | 1092.3 | 1098.5 | 1104.0 | 1106.7 | 1106.7 | 1103.3 | 1101.2 |
| 35° | 936.1 | 938.1 | 942.3 | 947.7 | 954.6 | 962.1 | 974.4 | 977.2 | 979.2 | 979.2 | 976.5 |
| 37.5° | 786.0 | 785.3 | 789.4 | 794.2 | 798.4 | 803.8 | 812.7 | 814.8 | 818.2 | 816.9 | 814.1 |
| 40° | 640.0 | 636.6 | 635.2 | 636.6 | 641.4 | 639.4 | 641.4 | 640.0 | 640.0 | 635.2 | 635.2 |
| 42.5° | 505.0 | 500.9 | 498.2 | 496.1 | 496.1 | 491.3 | 487.9 | 484.5 | 482.4 | 479.0 | 478.3 |
| 45° | 389.2 | 384.4 | 381.0 | 379.6 | 377.6 | 371.4 | 367.3 | 363.2 | 358.4 | 357.0 | 357.7 |
| 47.5° | 302.2 | 297.4 | 296.0 | 292.6 | 289.2 | 285.8 | 283.0 | 278.2 | 277.5 | 274.8 | 277.5 |
| 50° | 233.0 | 231.6 | 229.6 | 228.2 | 226.1 | 223.4 | 220.7 | 217.9 | 216.5 | 216.5 | 217.2 |
| 52.5° | 180.9 | 181.6 | 179.5 | 177.5 | 176.1 | 176.1 | 172.7 | 172.0 | 172.0 | 169.3 | 172.0 |
| 55° | 138.4 | 137.7 | 138.4 | 137.1 | 137.1 | 135.0 | 135.0 | 132.9 | 132.9 | 130.9 | 132.3 |
| 57.5° | 101.4 | 102.8 | 101.4 | 102.1 | 103.5 | 101.4 | 100.7 | 98.7 | 100.0 | 98.7 | 99.4 |
| 60° | 78.8 | 78.8 | 78.8 | 78.1 | 78.1 | 77.4 | 77.4 | 76.7 | 76.7 | 75.4 | 76.7 |
| 62.5° | 58.2 | 58.9 | 58.9 | 58.9 | 59.6 | 58.9 | 58.2 | 58.9 | 58.2 | 58.2 | 58.9 |
| 65° | 38.4 | 39.1 | 39.1 | 38.4 | 39.7 | 38.4 | 39.1 | 39.7 | 40.4 | 39.7 | 40.4 |
| 67.5° | 26.0 | 26.0 | 26.7 | 27.4 | 26.7 | 27.4 | 28.1 | 27.4 | 28.1 | 29.5 | 28.1 |
| 70° | 19.2 | 19.9 | 19.9 | 19.2 | 18.5 | 19.2 | 18.5 | 20.6 | 20.6 | 20.6 | 21.9 |
| 72.5° | 12.3 | 12.3 | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 | 13.7 | 12.3 | 11.6 | 13.0 |
| 75° | 6.9 | 7.5 | 7.5 | 5.5 | 6.2 | 7.5 | 5.5 | 6.2 | 8.2 | 6.9 | 8.2 |
| 77.5° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 5.5 | 4.8 | 4.8 | 4.8 | 5.5 |
| 80° | 3.4 | 2.7 | 2.7 | 2.1 | 2.7 | 2.7 | 2.7 | 4.1 | 3.4 | 3.4 | 4.1 |
| 82.5° | 1.4 | 1.4 | 0.7 | 0.0 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 2.7 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 0.7 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.4 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P245901

CATALOG NUMBER: LD8B30D010 ER8B30835 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 |
| 2.5° | 1402.0 | 1402.0 | 1401.4 | 1400.0 | 1397.3 | 1397.3 | 1396.6 | 1394.5 | 1393.2 | 1392.5 | 1392.5 |
| 5° | 1395.2 | 1392.5 | 1389.7 | 1382.2 | 1382.2 | 1380.8 | 1376.7 | 1374.0 | 1372.6 | 1369.2 | 1367.8 |
| 7.5° | 1389.0 | 1380.8 | 1376.0 | 1371.2 | 1365.1 | 1362.3 | 1357.5 | 1355.5 | 1350.7 | 1347.2 | 1345.2 |
| 10° | 1374.0 | 1368.5 | 1362.3 | 1354.8 | 1350.0 | 1344.5 | 1339.0 | 1334.9 | 1328.7 | 1325.3 | 1322.6 |
| 12.5° | 1363.7 | 1355.5 | 1350.0 | 1341.7 | 1333.5 | 1328.7 | 1321.2 | 1316.4 | 1310.2 | 1303.4 | 1299.3 |
| 15° | 1354.1 | 1345.2 | 1337.7 | 1328.7 | 1319.8 | 1314.4 | 1305.4 | 1300.0 | 1291.1 | 1284.2 | 1279.4 |
| 17.5° | 1339.7 | 1332.2 | 1323.9 | 1313.0 | 1304.8 | 1297.9 | 1288.3 | 1281.5 | 1273.2 | 1264.3 | 1259.5 |
| 20° | 1324.6 | 1315.7 | 1307.5 | 1296.5 | 1288.3 | 1280.1 | 1270.5 | 1263.0 | 1253.3 | 1245.1 | 1239.7 |
| 22.5° | 1304.8 | 1294.5 | 1287.6 | 1276.6 | 1267.1 | 1258.2 | 1249.3 | 1240.3 | 1231.4 | 1224.6 | 1218.4 |
| 25° | 1276.0 | 1265.0 | 1257.5 | 1248.6 | 1239.7 | 1232.8 | 1221.8 | 1216.4 | 1207.5 | 1201.3 | 1195.1 |
| 27.5° | 1234.8 | 1226.6 | 1219.8 | 1210.9 | 1203.3 | 1197.9 | 1189.6 | 1184.2 | 1176.6 | 1171.1 | 1166.3 |
| 30° | 1174.6 | 1167.7 | 1161.5 | 1152.6 | 1147.1 | 1142.4 | 1134.8 | 1130.0 | 1124.5 | 1118.4 | 1117.0 |
| 32.5° | 1093.7 | 1088.2 | 1082.0 | 1075.9 | 1071.8 | 1069.0 | 1062.8 | 1060.1 | 1054.6 | 1051.2 | 1047.8 |
| 35° | 971.7 | 966.9 | 963.5 | 960.8 | 959.4 | 960.1 | 958.7 | 961.4 | 962.8 | 962.1 | 962.8 |
| 37.5° | 812.1 | 809.3 | 810.7 | 812.7 | 819.6 | 828.5 | 836.7 | 849.0 | 857.3 | 865.5 | 873.0 |
| 40° | 633.9 | 635.9 | 641.4 | 653.7 | 671.6 | 691.4 | 710.0 | 733.3 | 756.5 | 773.0 | 788.1 |
| 42.5° | 478.3 | 484.5 | 498.2 | 516.0 | 542.7 | 572.2 | 601.0 | 635.2 | 663.4 | 690.7 | 710.0 |
| 45° | 359.8 | 368.0 | 385.8 | 410.5 | 439.9 | 474.2 | 510.5 | 548.9 | 582.5 | 610.6 | 631.8 |
| 47.5° | 280.3 | 287.8 | 305.6 | 331.7 | 368.0 | 403.6 | 441.3 | 481.1 | 516.0 | 543.4 | 561.9 |
| 50° | 221.3 | 230.9 | 246.7 | 274.1 | 310.4 | 348.1 | 387.2 | 426.2 | 459.1 | 482.4 | 498.9 |
| 52.5° | 174.1 | 183.0 | 198.0 | 226.8 | 263.8 | 301.5 | 337.8 | 376.2 | 405.0 | 427.6 | 438.6 |
| 55° | 135.0 | 143.2 | 159.0 | 183.0 | 217.9 | 254.9 | 291.2 | 324.1 | 350.9 | 367.3 | 377.6 |
| 57.5° | 102.8 | 109.0 | 119.9 | 143.9 | 175.4 | 209.7 | 240.5 | 273.4 | 294.0 | 305.6 | 312.5 |
| 60° | 78.1 | 82.9 | 94.6 | 113.1 | 141.8 | 171.3 | 197.4 | 222.0 | 238.5 | 248.1 | 254.9 |
| 62.5° | 58.9 | 64.4 | 72.6 | 88.4 | 110.3 | 134.3 | 156.2 | 174.7 | 188.4 | 194.6 | 199.4 |
| 65° | 40.4 | 44.5 | 50.7 | 63.0 | 81.5 | 98.7 | 115.8 | 129.5 | 138.4 | 145.3 | 148.0 |
| 67.5° | 30.2 | 32.9 | 36.3 | 45.9 | 58.9 | 72.6 | 84.3 | 93.9 | 103.5 | 106.2 | 111.0 |
| 70° | 22.6 | 24.7 | 28.1 | 34.9 | 42.5 | 52.1 | 61.7 | 67.2 | 74.0 | 78.8 | 80.2 |
| 72.5° | 14.4 | 15.1 | 18.5 | 22.6 | 28.8 | 34.9 | 41.1 | 45.9 | 50.0 | 52.8 | 54.1 |
| 75° | 8.2 | 12.3 | 12.3 | 16.4 | 20.6 | 23.3 | 27.4 | 30.8 | 32.9 | 34.9 | 34.9 |
| 77.5° | 5.5 | 7.5 | 8.2 | 10.3 | 12.3 | 15.8 | 19.2 | 21.2 | 23.3 | 24.0 | 24.0 |
| 80° | 4.8 | 5.5 | 5.5 | 7.5 | 8.9 | 11.6 | 13.7 | 14.4 | 15.8 | 16.4 | 17.8 |
| 82.5° | 2.1 | 2.7 | 3.4 | 5.5 | 6.2 | 6.2 | 8.2 | 8.9 | 10.3 | 11.0 | 11.0 |
| 85° | 0.7 | 1.4 | 1.4 | 2.1 | 3.4 | 4.1 | 4.8 | 5.5 | 6.2 | 6.2 | 6.9 |
| 87.5° | 0.7 | 0.7 | 0.0 | 0.7 | 1.4 | 1.4 | 2.7 | 2.7 | 2.7 | 4.1 | 4.1 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P245901

CATALOG NUMBER: LD8B30D010 ER8B30835 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 | 1403.4 |
| 2.5° | 1391.1 | 1391.8 | 1389.0 | 1388.4 | 1387.0 | 1387.7 | 1389.0 |
| 5° | 1365.7 | 1366.4 | 1363.7 | 1361.0 | 1361.0 | 1360.2 | 1361.0 |
| 7.5° | 1341.7 | 1342.4 | 1338.3 | 1336.9 | 1334.2 | 1334.9 | 1334.9 |
| 10° | 1317.8 | 1317.8 | 1311.6 | 1310.9 | 1308.9 | 1308.2 | 1308.2 |
| 12.5° | 1294.5 | 1292.4 | 1287.6 | 1284.9 | 1286.3 | 1282.1 | 1282.1 |
| 15° | 1273.9 | 1270.5 | 1264.3 | 1262.3 | 1258.8 | 1257.5 | 1257.5 |
| 17.5° | 1252.7 | 1249.9 | 1244.5 | 1240.3 | 1236.2 | 1235.5 | 1236.2 |
| 20° | 1232.1 | 1229.4 | 1222.5 | 1219.8 | 1216.4 | 1216.4 | 1215.0 |
| 22.5° | 1211.5 | 1208.8 | 1202.7 | 1200.6 | 1195.8 | 1195.8 | 1196.5 |
| 25° | 1190.3 | 1188.2 | 1181.4 | 1180.0 | 1179.4 | 1176.6 | 1178.0 |
| 27.5° | 1161.5 | 1160.2 | 1154.7 | 1152.6 | 1149.9 | 1149.2 | 1150.6 |
| 30° | 1108.8 | 1106.7 | 1102.6 | 1100.6 | 1095.8 | 1096.4 | 1097.8 |
| 32.5° | 1043.0 | 1040.2 | 1034.7 | 1032.7 | 1028.6 | 1027.2 | 1027.9 |
| 35° | 960.8 | 958.7 | 953.9 | 953.9 | 949.8 | 948.4 | 949.8 |
| 37.5° | 877.2 | 879.2 | 877.2 | 879.2 | 877.2 | 876.5 | 877.2 |
| 40° | 798.4 | 805.9 | 807.2 | 814.8 | 812.1 | 816.1 | 815.5 |
| 42.5° | 723.0 | 735.3 | 740.1 | 746.3 | 744.9 | 747.6 | 749.7 |
| 45° | 646.9 | 657.2 | 662.0 | 666.1 | 666.8 | 668.2 | 668.8 |
| 47.5° | 574.9 | 583.2 | 583.8 | 588.6 | 588.0 | 588.0 | 590.0 |
| 50° | 507.8 | 513.3 | 514.6 | 518.1 | 515.3 | 513.9 | 514.6 |
| 52.5° | 445.4 | 450.9 | 449.5 | 450.9 | 447.5 | 446.1 | 446.8 |
| 55° | 381.7 | 384.4 | 384.4 | 384.4 | 380.3 | 380.3 | 380.3 |
| 57.5° | 316.6 | 317.3 | 315.9 | 316.6 | 315.9 | 311.8 | 311.1 |
| 60° | 257.0 | 257.0 | 256.3 | 257.0 | 254.9 | 252.9 | 252.9 |
| 62.5° | 200.8 | 202.2 | 204.9 | 202.2 | 200.8 | 202.2 | 200.1 |
| 65° | 150.1 | 152.8 | 152.1 | 153.5 | 152.8 | 152.8 | 151.4 |
| 67.5° | 113.1 | 113.8 | 114.4 | 115.1 | 115.1 | 115.1 | 115.1 |
| 70° | 82.9 | 85.0 | 84.3 | 84.3 | 84.3 | 84.3 | 88.4 |
| 72.5° | 55.5 | 58.2 | 57.6 | 58.9 | 58.9 | 60.3 | 58.9 |
| 75° | 37.7 | 40.4 | 39.1 | 41.1 | 40.4 | 39.1 | 42.5 |
| 77.5° | 25.4 | 26.7 | 27.4 | 28.1 | 27.4 | 26.7 | 27.4 |
| 80° | 17.8 | 19.2 | 18.5 | 19.2 | 19.2 | 19.2 | 19.9 |
| 82.5° | 11.0 | 13.0 | 12.3 | 13.0 | 12.3 | 13.0 | 13.0 |
| 85° | 7.5 | 8.2 | 6.9 | 8.2 | 7.5 | 7.5 | 8.9 |
| 87.5° | 4.8 | 4.1 | 4.1 | 4.8 | 4.1 | 4.8 | 4.1 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)