

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: P245984

Luminaire Tested: **LD8B20D010 ER8B20850 8LBSW0MW**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P245984
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: LD8B20D010 ER8B20850 8LBSW0MW
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT
80 CRI 5000 CCT WITH MATTE WHITE TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2199.0 lumens
Efficiency: N/A
Efficacy: 103.2 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

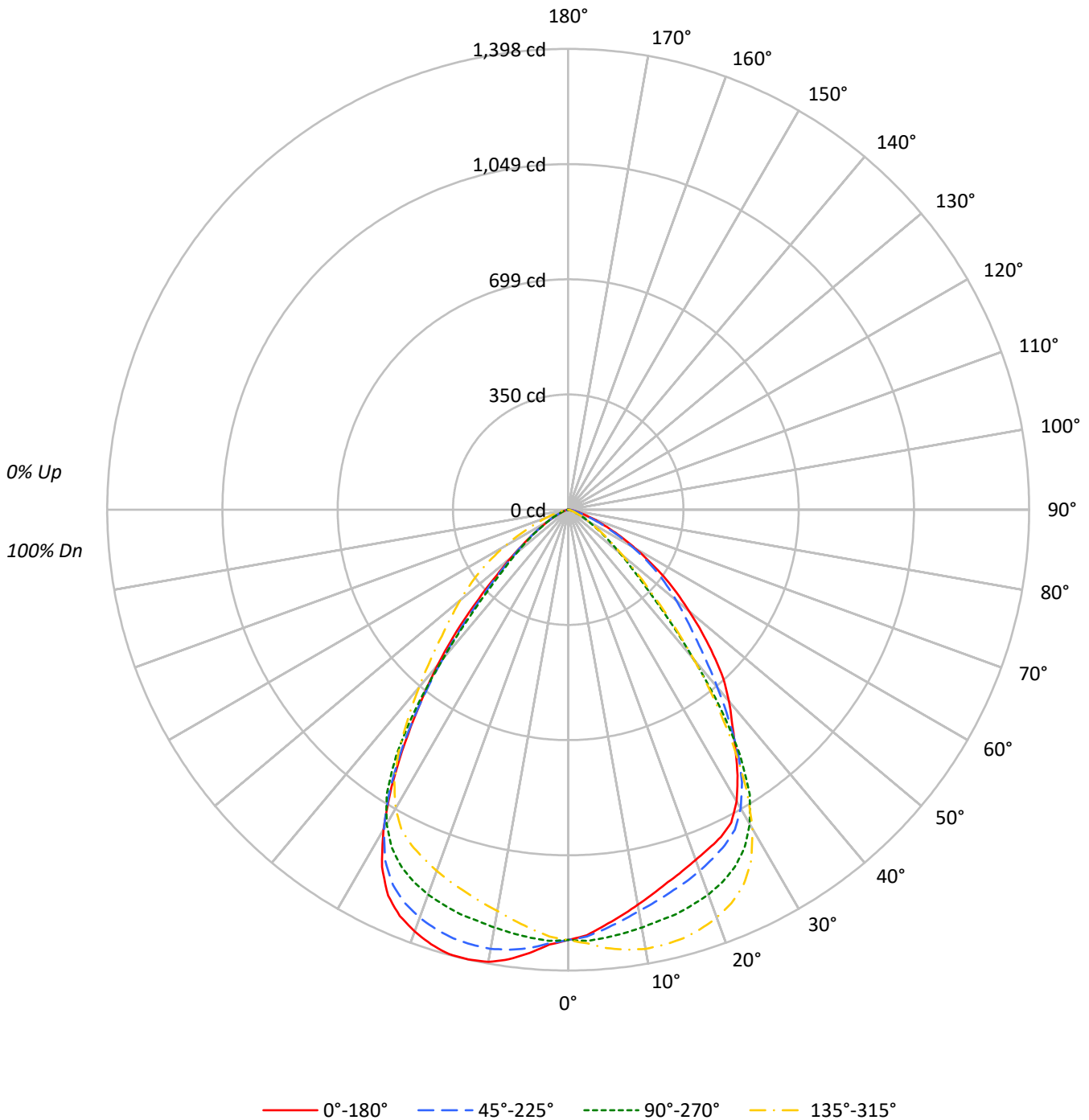
Input Watts (W): 21.3
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P245984

CATALOG NUMBER: LD8B20D010 ER8B20850 8LBSW0MW

Luminous Intensity Polar Plot





TEST NUMBER: P245984

CATALOG NUMBER: LD8B20D010 ER8B20850 8LBSW0MW

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

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 40257 | 40257 | 40257 | 40257 |
| 5° | 39188 | 40352 | 41791 | 40352 |
| 10° | 38104 | 40299 | 43611 | 40299 |
| 15° | 37342 | 40537 | 44566 | 40537 |
| 20° | 37088 | 40770 | 44681 | 40770 |
| 25° | 37284 | 40686 | 43963 | 40686 |
| 30° | 36362 | 39196 | 39901 | 39196 |
| 35° | 33259 | 34192 | 32442 | 34192 |
| 40° | 30537 | 23786 | 24841 | 23786 |
| 45° | 27129 | 14509 | 16790 | 14509 |
| 50° | 22965 | 9695 | 10765 | 9695 |
| 55° | 19021 | 6613 | 6989 | 6613 |
| 60° | 14505 | 4403 | 4440 | 4403 |
| 65° | 10281 | 2743 | 2510 | 2743 |
| 70° | 7411 | 1839 | 1668 | 1839 |
| 75° | 4706 | 917 | 763 | 917 |
| 80° | 3285 | 675 | 568 | 675 |
| 85° | 2937 | 0 | 212 | 0 |



TEST NUMBER: P245984

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 124.3 | 5.7 |
| 10°-20° | 359.8 | 16.4 |
| 20°-30° | 544.9 | 24.8 |
| 30°-40° | 546.1 | 24.8 |
| 40°-50° | 342.9 | 15.6 |
| 50°-60° | 182.7 | 8.3 |
| 60°-70° | 75.1 | 3.4 |
| 70°-80° | 19.9 | 0.9 |
| 80°-90° | 3.4 | 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° | 1028.9 | 46.8 |
| 0°-40° | 1575.0 | 71.6 |
| 0°-60° | 2100.7 | 95.5 |
| 0°-90° | 2199.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 2199.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 1306 | 1306 | 1306 | 1306 | 1306 | |
| 5° | 1266 | 1304 | 1350 | 1304 | 1266 | 119 |
| 15° | 1170 | 1270 | 1396 | 1270 | 1170 | 331 |
| 25° | 1096 | 1196 | 1292 | 1196 | 1096 | 503 |
| 35° | 884 | 908 | 862 | 908 | 884 | 554 |
| 45° | 622 | 333 | 385 | 333 | 622 | 478 |
| 55° | 354 | 123 | 130 | 123 | 354 | 315 |
| 65° | 141 | 38 | 34 | 38 | 141 | 146 |
| 75° | 40 | 8 | 6 | 8 | 40 | 45 |
| 85° | 8 | 0 | 1 | 0 | 8 | 9 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P245984

CATALOG NUMBER: LD8B20D010 ER8B20850 8LBSW0MW

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 |
| 2.5° | 1292.1 | 1290.8 | 1290.2 | 1291.5 | 1292.1 | 1294.6 | 1294.0 | 1295.3 | 1295.3 | 1295.9 | 1297.2 |
| 5° | 1266.0 | 1265.3 | 1266.0 | 1266.0 | 1268.5 | 1271.1 | 1270.4 | 1272.3 | 1273.6 | 1276.8 | 1278.1 |
| 7.5° | 1241.7 | 1241.7 | 1241.1 | 1243.6 | 1244.9 | 1248.8 | 1248.1 | 1251.3 | 1253.2 | 1256.4 | 1260.8 |
| 10° | 1216.9 | 1216.9 | 1217.5 | 1219.4 | 1220.1 | 1225.8 | 1225.8 | 1230.3 | 1232.8 | 1236.0 | 1241.7 |
| 12.5° | 1192.7 | 1192.7 | 1196.5 | 1195.2 | 1197.7 | 1202.2 | 1204.1 | 1208.6 | 1212.4 | 1218.8 | 1224.5 |
| 15° | 1169.7 | 1169.7 | 1171.0 | 1174.2 | 1176.1 | 1181.8 | 1185.0 | 1190.1 | 1194.6 | 1200.9 | 1209.2 |
| 17.5° | 1149.9 | 1149.3 | 1149.9 | 1153.8 | 1157.6 | 1162.7 | 1165.2 | 1171.6 | 1176.1 | 1184.4 | 1192.0 |
| 20° | 1130.2 | 1131.5 | 1131.5 | 1134.6 | 1137.2 | 1143.6 | 1146.1 | 1153.1 | 1158.2 | 1165.9 | 1174.8 |
| 22.5° | 1113.0 | 1112.3 | 1112.3 | 1116.8 | 1118.7 | 1124.4 | 1127.0 | 1133.4 | 1139.1 | 1145.5 | 1153.8 |
| 25° | 1095.8 | 1094.5 | 1097.0 | 1097.7 | 1098.9 | 1105.3 | 1107.2 | 1111.7 | 1117.4 | 1123.2 | 1131.5 |
| 27.5° | 1070.3 | 1069.0 | 1069.6 | 1072.2 | 1074.1 | 1079.2 | 1080.5 | 1084.9 | 1089.4 | 1094.5 | 1101.5 |
| 30° | 1021.2 | 1019.9 | 1019.3 | 1023.7 | 1025.7 | 1029.5 | 1031.4 | 1039.0 | 1040.3 | 1046.0 | 1051.1 |
| 32.5° | 956.1 | 955.5 | 956.8 | 960.6 | 962.5 | 967.6 | 970.2 | 974.6 | 977.8 | 981.0 | 986.1 |
| 35° | 883.5 | 882.2 | 883.5 | 887.3 | 887.3 | 891.8 | 893.7 | 895.6 | 895.0 | 895.6 | 894.3 |
| 37.5° | 815.9 | 815.3 | 815.9 | 817.8 | 815.9 | 817.8 | 815.9 | 812.1 | 805.1 | 797.4 | 789.8 |
| 40° | 758.6 | 759.2 | 755.4 | 757.9 | 750.9 | 749.6 | 742.6 | 733.1 | 719.0 | 703.7 | 682.1 |
| 42.5° | 697.4 | 695.5 | 692.9 | 694.2 | 688.4 | 684.0 | 672.5 | 660.4 | 642.5 | 617.1 | 590.9 |
| 45° | 622.1 | 621.5 | 620.2 | 619.6 | 615.8 | 611.3 | 601.7 | 587.7 | 568.0 | 541.8 | 510.6 |
| 47.5° | 548.8 | 546.9 | 546.9 | 547.6 | 543.1 | 542.5 | 534.8 | 522.7 | 505.5 | 480.0 | 447.5 |
| 50° | 478.7 | 478.1 | 479.4 | 481.9 | 478.7 | 477.4 | 472.4 | 464.1 | 448.8 | 427.1 | 396.5 |
| 52.5° | 415.6 | 415.0 | 416.3 | 419.4 | 418.1 | 419.4 | 414.3 | 408.0 | 397.8 | 376.7 | 350.0 |
| 55° | 353.8 | 353.8 | 353.8 | 357.6 | 357.6 | 357.6 | 355.0 | 351.2 | 341.7 | 326.4 | 301.5 |
| 57.5° | 289.4 | 290.0 | 293.9 | 294.5 | 293.9 | 295.1 | 294.5 | 290.7 | 284.3 | 273.5 | 254.3 |
| 60° | 235.2 | 235.2 | 237.1 | 239.1 | 238.4 | 239.1 | 239.1 | 237.1 | 230.8 | 221.8 | 206.5 |
| 62.5° | 186.1 | 188.0 | 186.8 | 188.0 | 190.6 | 188.0 | 186.8 | 185.5 | 181.0 | 175.3 | 162.5 |
| 65° | 140.9 | 142.2 | 142.2 | 142.8 | 141.5 | 142.2 | 139.6 | 137.7 | 135.1 | 128.8 | 120.5 |
| 67.5° | 107.1 | 107.1 | 107.1 | 107.1 | 106.4 | 105.8 | 105.2 | 103.3 | 98.8 | 96.3 | 87.3 |
| 70° | 82.2 | 78.4 | 78.4 | 78.4 | 78.4 | 79.1 | 77.1 | 74.6 | 73.3 | 68.8 | 62.5 |
| 72.5° | 54.8 | 56.1 | 54.8 | 54.8 | 53.6 | 54.2 | 51.6 | 50.3 | 49.1 | 46.5 | 42.7 |
| 75° | 39.5 | 36.3 | 37.6 | 38.3 | 36.3 | 37.6 | 35.1 | 32.5 | 32.5 | 30.6 | 28.7 |
| 77.5° | 25.5 | 24.9 | 25.5 | 26.1 | 25.5 | 24.9 | 23.6 | 22.3 | 22.3 | 21.7 | 19.8 |
| 80° | 18.5 | 17.8 | 17.8 | 17.8 | 17.2 | 17.8 | 16.6 | 16.6 | 15.3 | 14.7 | 13.4 |
| 82.5° | 12.1 | 12.1 | 11.5 | 12.1 | 11.5 | 12.1 | 10.2 | 10.2 | 10.2 | 9.6 | 8.3 |
| 85° | 8.3 | 7.0 | 7.0 | 7.7 | 6.4 | 7.7 | 7.0 | 6.4 | 5.7 | 5.7 | 5.1 |
| 87.5° | 3.8 | 4.5 | 3.8 | 4.5 | 3.8 | 3.8 | 4.5 | 3.8 | 3.8 | 2.5 | 2.5 |
| 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: P245984

CATALOG NUMBER: LD8B20D010 ER8B20850 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 |
| 2.5° | 1299.1 | 1299.7 | 1299.7 | 1302.3 | 1303.6 | 1304.2 | 1304.2 | 1309.3 | 1307.4 | 1308.7 | 1309.9 |
| 5° | 1280.6 | 1284.4 | 1285.7 | 1285.7 | 1292.7 | 1295.3 | 1297.8 | 1303.6 | 1304.2 | 1308.0 | 1312.5 |
| 7.5° | 1262.8 | 1267.2 | 1269.8 | 1275.5 | 1280.0 | 1284.4 | 1292.1 | 1295.9 | 1299.7 | 1304.8 | 1310.6 |
| 10° | 1245.6 | 1250.7 | 1255.8 | 1260.2 | 1267.2 | 1273.0 | 1278.1 | 1287.0 | 1291.5 | 1298.5 | 1306.1 |
| 12.5° | 1229.0 | 1236.0 | 1240.5 | 1248.1 | 1255.8 | 1260.8 | 1268.5 | 1276.8 | 1283.8 | 1290.8 | 1299.7 |
| 15° | 1214.3 | 1222.6 | 1227.7 | 1236.0 | 1244.3 | 1251.3 | 1259.6 | 1269.8 | 1274.9 | 1283.2 | 1291.5 |
| 17.5° | 1198.4 | 1207.3 | 1213.7 | 1221.3 | 1231.5 | 1239.2 | 1246.2 | 1256.4 | 1262.8 | 1271.7 | 1281.3 |
| 20° | 1181.8 | 1190.7 | 1198.4 | 1206.0 | 1216.2 | 1223.9 | 1232.2 | 1242.4 | 1249.4 | 1258.3 | 1266.0 |
| 22.5° | 1162.1 | 1170.4 | 1178.6 | 1187.5 | 1197.7 | 1204.1 | 1213.7 | 1222.6 | 1230.3 | 1238.5 | 1246.2 |
| 25° | 1136.6 | 1146.8 | 1153.1 | 1161.4 | 1169.7 | 1176.7 | 1186.9 | 1195.8 | 1202.2 | 1209.9 | 1216.9 |
| 27.5° | 1106.6 | 1114.3 | 1119.3 | 1126.4 | 1134.6 | 1141.0 | 1148.7 | 1157.6 | 1164.0 | 1171.0 | 1176.1 |
| 30° | 1055.6 | 1062.6 | 1067.1 | 1072.2 | 1080.5 | 1086.2 | 1092.6 | 1100.8 | 1105.3 | 1110.4 | 1114.9 |
| 32.5° | 988.7 | 994.4 | 996.9 | 1000.8 | 1006.5 | 1012.2 | 1017.4 | 1024.4 | 1026.3 | 1029.5 | 1029.5 |
| 35° | 891.8 | 893.0 | 892.4 | 893.7 | 896.2 | 899.4 | 903.9 | 908.3 | 910.9 | 910.9 | 909.0 |
| 37.5° | 778.3 | 770.7 | 762.4 | 756.0 | 754.1 | 752.8 | 755.4 | 757.3 | 759.8 | 761.1 | 757.9 |
| 40° | 660.4 | 643.2 | 624.7 | 608.1 | 596.6 | 591.6 | 589.6 | 590.9 | 590.9 | 595.4 | 595.4 |
| 42.5° | 559.0 | 532.3 | 504.9 | 480.0 | 463.4 | 450.7 | 444.9 | 444.9 | 445.6 | 448.8 | 450.7 |
| 45° | 474.9 | 441.1 | 409.2 | 381.8 | 358.9 | 342.3 | 334.7 | 332.7 | 332.1 | 333.4 | 337.8 |
| 47.5° | 410.5 | 375.5 | 342.3 | 308.5 | 284.3 | 267.7 | 260.7 | 258.2 | 255.6 | 258.2 | 258.8 |
| 50° | 360.2 | 323.8 | 288.8 | 255.0 | 229.5 | 214.8 | 205.9 | 202.1 | 201.4 | 201.4 | 202.7 |
| 52.5° | 314.2 | 280.5 | 245.4 | 211.0 | 184.2 | 170.2 | 161.9 | 160.0 | 157.5 | 160.0 | 160.0 |
| 55° | 270.9 | 237.1 | 202.7 | 170.2 | 147.9 | 133.2 | 125.6 | 123.0 | 121.7 | 123.7 | 123.7 |
| 57.5° | 223.8 | 195.1 | 163.2 | 133.9 | 111.6 | 101.4 | 95.6 | 92.4 | 91.8 | 93.1 | 91.8 |
| 60° | 183.6 | 159.4 | 131.9 | 105.2 | 88.0 | 77.1 | 72.7 | 71.4 | 70.1 | 71.4 | 71.4 |
| 62.5° | 145.3 | 124.9 | 102.6 | 82.2 | 67.6 | 59.9 | 54.8 | 54.8 | 54.2 | 54.2 | 54.8 |
| 65° | 107.7 | 91.8 | 75.9 | 58.6 | 47.2 | 41.4 | 37.6 | 37.6 | 37.0 | 37.6 | 37.0 |
| 67.5° | 78.4 | 67.6 | 54.8 | 42.7 | 33.8 | 30.6 | 28.0 | 26.1 | 27.4 | 26.1 | 25.5 |
| 70° | 57.4 | 48.4 | 39.5 | 32.5 | 26.1 | 23.0 | 21.0 | 20.4 | 19.1 | 19.1 | 19.1 |
| 72.5° | 38.3 | 32.5 | 26.8 | 21.0 | 17.2 | 14.0 | 13.4 | 12.1 | 10.8 | 11.5 | 12.8 |
| 75° | 25.5 | 21.7 | 19.1 | 15.3 | 11.5 | 11.5 | 7.7 | 7.7 | 6.4 | 7.7 | 5.7 |
| 77.5° | 17.8 | 14.7 | 11.5 | 9.6 | 7.7 | 7.0 | 5.1 | 5.1 | 4.5 | 4.5 | 4.5 |
| 80° | 12.8 | 10.8 | 8.3 | 7.0 | 5.1 | 5.1 | 4.5 | 3.8 | 3.2 | 3.2 | 3.8 |
| 82.5° | 7.7 | 5.7 | 5.7 | 5.1 | 3.2 | 2.5 | 1.9 | 2.5 | 1.3 | 1.3 | 1.3 |
| 85° | 4.5 | 3.8 | 3.2 | 1.9 | 1.3 | 1.3 | 0.6 | 0.0 | 0.6 | 0.6 | 0.0 |
| 87.5° | 2.5 | 1.3 | 1.3 | 0.6 | 0.0 | 0.6 | 0.6 | 0.0 | 0.0 | 0.0 | 1.3 |
| 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: P245984

CATALOG NUMBER: LD8B20D010 ER8B20850 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 |
| 2.5° | 1313.1 | 1312.5 | 1313.8 | 1313.8 | 1317.6 | 1316.9 | 1318.9 | 1318.9 | 1317.6 | 1318.2 | 1320.8 |
| 5° | 1317.6 | 1319.5 | 1323.3 | 1326.5 | 1332.2 | 1334.8 | 1338.0 | 1341.2 | 1341.8 | 1343.7 | 1345.6 |
| 7.5° | 1317.6 | 1324.0 | 1328.4 | 1334.2 | 1341.8 | 1346.3 | 1353.3 | 1359.0 | 1361.6 | 1364.7 | 1368.6 |
| 10° | 1315.0 | 1321.4 | 1329.7 | 1336.1 | 1345.6 | 1352.7 | 1359.7 | 1368.6 | 1372.4 | 1377.5 | 1382.6 |
| 12.5° | 1309.9 | 1316.9 | 1325.9 | 1334.2 | 1345.0 | 1351.4 | 1360.3 | 1368.6 | 1374.3 | 1381.3 | 1387.1 |
| 15° | 1302.3 | 1310.6 | 1318.9 | 1327.1 | 1338.6 | 1346.3 | 1354.6 | 1364.1 | 1369.9 | 1377.5 | 1382.6 |
| 17.5° | 1290.2 | 1299.1 | 1306.8 | 1314.4 | 1325.2 | 1334.2 | 1341.8 | 1350.7 | 1356.5 | 1362.9 | 1369.9 |
| 20° | 1275.5 | 1283.8 | 1292.1 | 1298.5 | 1309.3 | 1316.9 | 1325.2 | 1333.5 | 1338.0 | 1339.3 | 1350.1 |
| 22.5° | 1257.0 | 1262.8 | 1269.1 | 1279.3 | 1285.7 | 1292.7 | 1300.4 | 1308.0 | 1312.5 | 1319.5 | 1323.3 |
| 25° | 1226.4 | 1232.2 | 1239.2 | 1243.6 | 1251.3 | 1257.0 | 1264.7 | 1273.0 | 1275.5 | 1280.6 | 1284.4 |
| 27.5° | 1183.7 | 1186.9 | 1190.1 | 1193.9 | 1198.4 | 1201.6 | 1206.0 | 1209.9 | 1212.4 | 1215.0 | 1217.5 |
| 30° | 1116.1 | 1116.1 | 1116.1 | 1113.6 | 1115.5 | 1117.4 | 1118.1 | 1117.4 | 1117.4 | 1116.8 | 1116.8 |
| 32.5° | 1026.9 | 1021.8 | 1016.1 | 1011.0 | 1009.1 | 1006.5 | 1005.2 | 1003.3 | 1000.2 | 998.2 | 998.9 |
| 35° | 906.4 | 895.0 | 888.0 | 881.6 | 876.5 | 872.7 | 870.7 | 868.8 | 868.2 | 865.7 | 863.1 |
| 37.5° | 756.0 | 747.7 | 742.6 | 738.8 | 734.3 | 730.5 | 731.1 | 731.8 | 733.7 | 732.4 | 733.1 |
| 40° | 596.6 | 594.7 | 596.6 | 592.2 | 590.9 | 592.2 | 595.4 | 599.8 | 602.4 | 604.9 | 609.4 |
| 42.5° | 453.9 | 457.0 | 461.5 | 461.5 | 463.4 | 466.0 | 469.8 | 476.8 | 480.6 | 485.1 | 490.2 |
| 45° | 341.7 | 345.5 | 351.2 | 353.1 | 354.4 | 357.6 | 362.1 | 367.8 | 370.3 | 374.2 | 378.6 |
| 47.5° | 263.3 | 265.8 | 269.0 | 272.2 | 275.4 | 276.6 | 281.1 | 281.1 | 284.3 | 286.9 | 288.1 |
| 50° | 205.3 | 207.8 | 210.3 | 212.3 | 213.5 | 215.5 | 216.7 | 218.6 | 219.3 | 220.6 | 221.2 |
| 52.5° | 160.6 | 163.8 | 163.8 | 165.1 | 167.0 | 168.9 | 168.3 | 168.9 | 169.5 | 169.5 | 171.5 |
| 55° | 125.6 | 125.6 | 127.5 | 127.5 | 128.8 | 128.1 | 128.8 | 128.8 | 128.8 | 128.8 | 129.4 |
| 57.5° | 93.7 | 94.4 | 96.3 | 95.0 | 94.4 | 95.6 | 94.4 | 95.6 | 95.0 | 96.3 | 94.4 |
| 60° | 72.0 | 72.0 | 72.7 | 72.7 | 73.3 | 73.3 | 73.3 | 72.7 | 72.7 | 72.0 | 72.0 |
| 62.5° | 54.2 | 54.8 | 55.5 | 54.8 | 54.8 | 54.8 | 54.2 | 54.2 | 53.6 | 52.9 | 52.9 |
| 65° | 36.3 | 35.7 | 37.0 | 35.7 | 36.3 | 36.3 | 35.7 | 36.3 | 34.4 | 35.1 | 34.4 |
| 67.5° | 26.1 | 25.5 | 24.9 | 25.5 | 24.9 | 24.2 | 24.2 | 24.9 | 25.5 | 23.6 | 23.6 |
| 70° | 17.2 | 17.8 | 17.2 | 17.8 | 18.5 | 18.5 | 17.8 | 17.2 | 17.8 | 16.6 | 17.2 |
| 72.5° | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 11.5 | 11.5 | 11.5 | 10.2 | 10.2 | 9.6 |
| 75° | 5.1 | 7.0 | 5.7 | 5.1 | 7.0 | 7.0 | 6.4 | 6.4 | 5.7 | 5.7 | 5.7 |
| 77.5° | 5.1 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.2 | 3.8 | 3.2 |
| 80° | 2.5 | 2.5 | 2.5 | 1.9 | 2.5 | 2.5 | 3.2 | 2.5 | 2.5 | 1.9 | 3.2 |
| 82.5° | 1.3 | 1.3 | 1.3 | 0.0 | 0.6 | 1.3 | 1.3 | 0.6 | 1.3 | 1.3 | 0.6 |
| 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: P245984

CATALOG NUMBER: LD8B20D010 ER8B20850 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 |
| 2.5° | 1320.1 | 1319.5 | 1320.1 | 1320.8 | 1320.1 | 1319.5 | 1320.1 | 1320.8 | 1318.2 | 1317.6 | 1318.9 |
| 5° | 1348.2 | 1348.2 | 1349.5 | 1350.1 | 1349.5 | 1348.2 | 1348.2 | 1345.6 | 1343.7 | 1341.8 | 1341.2 |
| 7.5° | 1372.4 | 1373.7 | 1375.0 | 1375.6 | 1375.0 | 1373.7 | 1372.4 | 1368.6 | 1364.7 | 1361.6 | 1359.0 |
| 10° | 1387.1 | 1389.0 | 1391.5 | 1392.8 | 1391.5 | 1389.0 | 1387.1 | 1382.6 | 1377.5 | 1372.4 | 1368.6 |
| 12.5° | 1393.5 | 1395.4 | 1398.5 | 1397.9 | 1398.5 | 1395.4 | 1393.5 | 1387.1 | 1381.3 | 1374.3 | 1368.6 |
| 15° | 1389.0 | 1391.5 | 1394.7 | 1396.0 | 1394.7 | 1391.5 | 1389.0 | 1382.6 | 1377.5 | 1369.9 | 1364.1 |
| 17.5° | 1375.0 | 1378.8 | 1380.7 | 1382.6 | 1380.7 | 1378.8 | 1375.0 | 1369.9 | 1362.9 | 1356.5 | 1350.7 |
| 20° | 1355.8 | 1358.4 | 1360.9 | 1361.6 | 1360.9 | 1358.4 | 1355.8 | 1350.1 | 1339.3 | 1338.0 | 1333.5 |
| 22.5° | 1328.4 | 1330.3 | 1336.1 | 1334.2 | 1336.1 | 1330.3 | 1328.4 | 1323.3 | 1319.5 | 1312.5 | 1308.0 |
| 25° | 1288.9 | 1290.8 | 1291.5 | 1292.1 | 1291.5 | 1290.8 | 1288.9 | 1284.4 | 1280.6 | 1275.5 | 1273.0 |
| 27.5° | 1220.7 | 1220.7 | 1222.0 | 1222.6 | 1222.0 | 1220.7 | 1220.7 | 1217.5 | 1215.0 | 1212.4 | 1209.9 |
| 30° | 1117.4 | 1117.4 | 1117.4 | 1120.6 | 1117.4 | 1117.4 | 1117.4 | 1116.8 | 1116.8 | 1117.4 | 1117.4 |
| 32.5° | 998.2 | 996.9 | 995.7 | 996.9 | 995.7 | 996.9 | 998.2 | 998.9 | 998.2 | 1000.2 | 1003.3 |
| 35° | 863.1 | 862.5 | 864.4 | 861.8 | 864.4 | 862.5 | 863.1 | 863.1 | 865.7 | 868.2 | 868.8 |
| 37.5° | 733.7 | 732.4 | 735.0 | 732.4 | 735.0 | 732.4 | 733.7 | 733.1 | 732.4 | 733.7 | 731.8 |
| 40° | 610.7 | 611.9 | 611.9 | 617.1 | 611.9 | 611.9 | 610.7 | 609.4 | 604.9 | 602.4 | 599.8 |
| 42.5° | 492.7 | 496.6 | 495.3 | 499.1 | 495.3 | 496.6 | 492.7 | 490.2 | 485.1 | 480.6 | 476.8 |
| 45° | 381.2 | 383.8 | 383.8 | 385.0 | 383.8 | 383.8 | 381.2 | 378.6 | 374.2 | 370.3 | 367.8 |
| 47.5° | 292.6 | 292.6 | 292.6 | 293.2 | 292.6 | 292.6 | 292.6 | 288.1 | 286.9 | 284.3 | 281.1 |
| 50° | 222.5 | 223.1 | 223.8 | 224.4 | 223.8 | 223.1 | 222.5 | 221.2 | 220.6 | 219.3 | 218.6 |
| 52.5° | 170.8 | 171.5 | 170.2 | 171.5 | 170.2 | 171.5 | 170.8 | 171.5 | 169.5 | 169.5 | 168.9 |
| 55° | 129.4 | 128.8 | 129.4 | 130.0 | 129.4 | 128.8 | 129.4 | 129.4 | 128.8 | 128.8 | 128.8 |
| 57.5° | 95.0 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 95.0 | 94.4 | 96.3 | 95.0 | 95.6 |
| 60° | 70.8 | 71.4 | 71.4 | 72.0 | 71.4 | 71.4 | 70.8 | 72.0 | 72.0 | 72.7 | 72.7 |
| 62.5° | 52.3 | 54.2 | 52.9 | 54.2 | 52.9 | 54.2 | 52.3 | 52.9 | 52.9 | 53.6 | 54.2 |
| 65° | 33.8 | 33.8 | 33.8 | 34.4 | 33.8 | 33.8 | 33.8 | 34.4 | 35.1 | 34.4 | 36.3 |
| 67.5° | 23.0 | 23.6 | 24.9 | 24.2 | 24.9 | 23.6 | 23.0 | 23.6 | 23.6 | 25.5 | 24.9 |
| 70° | 18.5 | 16.6 | 16.6 | 18.5 | 16.6 | 16.6 | 18.5 | 17.2 | 16.6 | 17.8 | 17.2 |
| 72.5° | 10.8 | 9.6 | 10.8 | 10.8 | 10.8 | 9.6 | 10.8 | 9.6 | 10.2 | 10.2 | 11.5 |
| 75° | 5.7 | 5.1 | 4.5 | 6.4 | 4.5 | 5.1 | 5.7 | 5.7 | 5.7 | 5.7 | 6.4 |
| 77.5° | 3.8 | 3.2 | 4.5 | 4.5 | 4.5 | 3.2 | 3.8 | 3.2 | 3.8 | 3.2 | 3.8 |
| 80° | 1.9 | 2.5 | 1.9 | 3.2 | 1.9 | 2.5 | 1.9 | 3.2 | 1.9 | 2.5 | 2.5 |
| 82.5° | 0.6 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 0.6 | 0.6 | 1.3 | 1.3 | 0.6 |
| 85° | 0.0 | 1.3 | 0.6 | 0.6 | 0.6 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.6 | 0.0 | 0.0 | 0.6 | 0.0 | 0.0 | 0.6 | 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: P245984

CATALOG NUMBER: LD8B20D010 ER8B20850 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 |
| 2.5° | 1318.9 | 1316.9 | 1317.6 | 1313.8 | 1313.8 | 1312.5 | 1313.1 | 1309.9 | 1308.7 | 1307.4 | 1309.3 |
| 5° | 1338.0 | 1334.8 | 1332.2 | 1326.5 | 1323.3 | 1319.5 | 1317.6 | 1312.5 | 1308.0 | 1304.2 | 1303.6 |
| 7.5° | 1353.3 | 1346.3 | 1341.8 | 1334.2 | 1328.4 | 1324.0 | 1317.6 | 1310.6 | 1304.8 | 1299.7 | 1295.9 |
| 10° | 1359.7 | 1352.7 | 1345.6 | 1336.1 | 1329.7 | 1321.4 | 1315.0 | 1306.1 | 1298.5 | 1291.5 | 1287.0 |
| 12.5° | 1360.3 | 1351.4 | 1345.0 | 1334.2 | 1325.9 | 1316.9 | 1309.9 | 1299.7 | 1290.8 | 1283.8 | 1276.8 |
| 15° | 1354.6 | 1346.3 | 1338.6 | 1327.1 | 1318.9 | 1310.6 | 1302.3 | 1291.5 | 1283.2 | 1274.9 | 1269.8 |
| 17.5° | 1341.8 | 1334.2 | 1325.2 | 1314.4 | 1306.8 | 1299.1 | 1290.2 | 1281.3 | 1271.7 | 1262.8 | 1256.4 |
| 20° | 1325.2 | 1316.9 | 1309.3 | 1298.5 | 1292.1 | 1283.8 | 1275.5 | 1266.0 | 1258.3 | 1249.4 | 1242.4 |
| 22.5° | 1300.4 | 1292.7 | 1285.7 | 1279.3 | 1269.1 | 1262.8 | 1257.0 | 1246.2 | 1238.5 | 1230.3 | 1222.6 |
| 25° | 1264.7 | 1257.0 | 1251.3 | 1243.6 | 1239.2 | 1232.2 | 1226.4 | 1216.9 | 1209.9 | 1202.2 | 1195.8 |
| 27.5° | 1206.0 | 1201.6 | 1198.4 | 1193.9 | 1190.1 | 1186.9 | 1183.7 | 1176.1 | 1171.0 | 1164.0 | 1157.6 |
| 30° | 1118.1 | 1117.4 | 1115.5 | 1113.6 | 1116.1 | 1116.1 | 1116.1 | 1114.9 | 1110.4 | 1105.3 | 1100.8 |
| 32.5° | 1005.2 | 1006.5 | 1009.1 | 1011.0 | 1016.1 | 1021.8 | 1026.9 | 1029.5 | 1029.5 | 1026.3 | 1024.4 |
| 35° | 870.7 | 872.7 | 876.5 | 881.6 | 888.0 | 895.0 | 906.4 | 909.0 | 910.9 | 910.9 | 908.3 |
| 37.5° | 731.1 | 730.5 | 734.3 | 738.8 | 742.6 | 747.7 | 756.0 | 757.9 | 761.1 | 759.8 | 757.3 |
| 40° | 595.4 | 592.2 | 590.9 | 592.2 | 596.6 | 594.7 | 596.6 | 595.4 | 595.4 | 590.9 | 590.9 |
| 42.5° | 469.8 | 466.0 | 463.4 | 461.5 | 461.5 | 457.0 | 453.9 | 450.7 | 448.8 | 445.6 | 444.9 |
| 45° | 362.1 | 357.6 | 354.4 | 353.1 | 351.2 | 345.5 | 341.7 | 337.8 | 333.4 | 332.1 | 332.7 |
| 47.5° | 281.1 | 276.6 | 275.4 | 272.2 | 269.0 | 265.8 | 263.3 | 258.8 | 258.2 | 255.6 | 258.2 |
| 50° | 216.7 | 215.5 | 213.5 | 212.3 | 210.3 | 207.8 | 205.3 | 202.7 | 201.4 | 201.4 | 202.1 |
| 52.5° | 168.3 | 168.9 | 167.0 | 165.1 | 163.8 | 163.8 | 160.6 | 160.0 | 160.0 | 157.5 | 160.0 |
| 55° | 128.8 | 128.1 | 128.8 | 127.5 | 127.5 | 125.6 | 125.6 | 123.7 | 123.7 | 121.7 | 123.0 |
| 57.5° | 94.4 | 95.6 | 94.4 | 95.0 | 96.3 | 94.4 | 93.7 | 91.8 | 93.1 | 91.8 | 92.4 |
| 60° | 73.3 | 73.3 | 73.3 | 72.7 | 72.7 | 72.0 | 72.0 | 71.4 | 71.4 | 70.1 | 71.4 |
| 62.5° | 54.2 | 54.8 | 54.8 | 54.8 | 55.5 | 54.8 | 54.2 | 54.8 | 54.2 | 54.2 | 54.8 |
| 65° | 35.7 | 36.3 | 36.3 | 35.7 | 37.0 | 35.7 | 36.3 | 37.0 | 37.6 | 37.0 | 37.6 |
| 67.5° | 24.2 | 24.2 | 24.9 | 25.5 | 24.9 | 25.5 | 26.1 | 25.5 | 26.1 | 27.4 | 26.1 |
| 70° | 17.8 | 18.5 | 18.5 | 17.8 | 17.2 | 17.8 | 17.2 | 19.1 | 19.1 | 19.1 | 20.4 |
| 72.5° | 11.5 | 11.5 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 12.8 | 11.5 | 10.8 | 12.1 |
| 75° | 6.4 | 7.0 | 7.0 | 5.1 | 5.7 | 7.0 | 5.1 | 5.7 | 7.7 | 6.4 | 7.7 |
| 77.5° | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 5.1 | 4.5 | 4.5 | 4.5 | 5.1 |
| 80° | 3.2 | 2.5 | 2.5 | 1.9 | 2.5 | 2.5 | 2.5 | 3.8 | 3.2 | 3.2 | 3.8 |
| 82.5° | 1.3 | 1.3 | 0.6 | 0.0 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 2.5 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 0.6 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.3 | 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: P245984

CATALOG NUMBER: LD8B20D010 ER8B20850 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 |
| 2.5° | 1304.2 | 1304.2 | 1303.6 | 1302.3 | 1299.7 | 1299.7 | 1299.1 | 1297.2 | 1295.9 | 1295.3 | 1295.3 |
| 5° | 1297.8 | 1295.3 | 1292.7 | 1285.7 | 1285.7 | 1284.4 | 1280.6 | 1278.1 | 1276.8 | 1273.6 | 1272.3 |
| 7.5° | 1292.1 | 1284.4 | 1280.0 | 1275.5 | 1269.8 | 1267.2 | 1262.8 | 1260.8 | 1256.4 | 1253.2 | 1251.3 |
| 10° | 1278.1 | 1273.0 | 1267.2 | 1260.2 | 1255.8 | 1250.7 | 1245.6 | 1241.7 | 1236.0 | 1232.8 | 1230.3 |
| 12.5° | 1268.5 | 1260.8 | 1255.8 | 1248.1 | 1240.5 | 1236.0 | 1229.0 | 1224.5 | 1218.8 | 1212.4 | 1208.6 |
| 15° | 1259.6 | 1251.3 | 1244.3 | 1236.0 | 1227.7 | 1222.6 | 1214.3 | 1209.2 | 1200.9 | 1194.6 | 1190.1 |
| 17.5° | 1246.2 | 1239.2 | 1231.5 | 1221.3 | 1213.7 | 1207.3 | 1198.4 | 1192.0 | 1184.4 | 1176.1 | 1171.6 |
| 20° | 1232.2 | 1223.9 | 1216.2 | 1206.0 | 1198.4 | 1190.7 | 1181.8 | 1174.8 | 1165.9 | 1158.2 | 1153.1 |
| 22.5° | 1213.7 | 1204.1 | 1197.7 | 1187.5 | 1178.6 | 1170.4 | 1162.1 | 1153.8 | 1145.5 | 1139.1 | 1133.4 |
| 25° | 1186.9 | 1176.7 | 1169.7 | 1161.4 | 1153.1 | 1146.8 | 1136.6 | 1131.5 | 1123.2 | 1117.4 | 1111.7 |
| 27.5° | 1148.7 | 1141.0 | 1134.6 | 1126.4 | 1119.3 | 1114.3 | 1106.6 | 1101.5 | 1094.5 | 1089.4 | 1084.9 |
| 30° | 1092.6 | 1086.2 | 1080.5 | 1072.2 | 1067.1 | 1062.6 | 1055.6 | 1051.1 | 1046.0 | 1040.3 | 1039.0 |
| 32.5° | 1017.4 | 1012.2 | 1006.5 | 1000.8 | 996.9 | 994.4 | 988.7 | 986.1 | 981.0 | 977.8 | 974.6 |
| 35° | 903.9 | 899.4 | 896.2 | 893.7 | 892.4 | 893.0 | 891.8 | 894.3 | 895.6 | 895.0 | 895.6 |
| 37.5° | 755.4 | 752.8 | 754.1 | 756.0 | 762.4 | 770.7 | 778.3 | 789.8 | 797.4 | 805.1 | 812.1 |
| 40° | 589.6 | 591.6 | 596.6 | 608.1 | 624.7 | 643.2 | 660.4 | 682.1 | 703.7 | 719.0 | 733.1 |
| 42.5° | 444.9 | 450.7 | 463.4 | 480.0 | 504.9 | 532.3 | 559.0 | 590.9 | 617.1 | 642.5 | 660.4 |
| 45° | 334.7 | 342.3 | 358.9 | 381.8 | 409.2 | 441.1 | 474.9 | 510.6 | 541.8 | 568.0 | 587.7 |
| 47.5° | 260.7 | 267.7 | 284.3 | 308.5 | 342.3 | 375.5 | 410.5 | 447.5 | 480.0 | 505.5 | 522.7 |
| 50° | 205.9 | 214.8 | 229.5 | 255.0 | 288.8 | 323.8 | 360.2 | 396.5 | 427.1 | 448.8 | 464.1 |
| 52.5° | 161.9 | 170.2 | 184.2 | 211.0 | 245.4 | 280.5 | 314.2 | 350.0 | 376.7 | 397.8 | 408.0 |
| 55° | 125.6 | 133.2 | 147.9 | 170.2 | 202.7 | 237.1 | 270.9 | 301.5 | 326.4 | 341.7 | 351.2 |
| 57.5° | 95.6 | 101.4 | 111.6 | 133.9 | 163.2 | 195.1 | 223.8 | 254.3 | 273.5 | 284.3 | 290.7 |
| 60° | 72.7 | 77.1 | 88.0 | 105.2 | 131.9 | 159.4 | 183.6 | 206.5 | 221.8 | 230.8 | 237.1 |
| 62.5° | 54.8 | 59.9 | 67.6 | 82.2 | 102.6 | 124.9 | 145.3 | 162.5 | 175.3 | 181.0 | 185.5 |
| 65° | 37.6 | 41.4 | 47.2 | 58.6 | 75.9 | 91.8 | 107.7 | 120.5 | 128.8 | 135.1 | 137.7 |
| 67.5° | 28.0 | 30.6 | 33.8 | 42.7 | 54.8 | 67.6 | 78.4 | 87.3 | 96.3 | 98.8 | 103.3 |
| 70° | 21.0 | 23.0 | 26.1 | 32.5 | 39.5 | 48.4 | 57.4 | 62.5 | 68.8 | 73.3 | 74.6 |
| 72.5° | 13.4 | 14.0 | 17.2 | 21.0 | 26.8 | 32.5 | 38.3 | 42.7 | 46.5 | 49.1 | 50.3 |
| 75° | 7.7 | 11.5 | 11.5 | 15.3 | 19.1 | 21.7 | 25.5 | 28.7 | 30.6 | 32.5 | 32.5 |
| 77.5° | 5.1 | 7.0 | 7.7 | 9.6 | 11.5 | 14.7 | 17.8 | 19.8 | 21.7 | 22.3 | 22.3 |
| 80° | 4.5 | 5.1 | 5.1 | 7.0 | 8.3 | 10.8 | 12.8 | 13.4 | 14.7 | 15.3 | 16.6 |
| 82.5° | 1.9 | 2.5 | 3.2 | 5.1 | 5.7 | 5.7 | 7.7 | 8.3 | 9.6 | 10.2 | 10.2 |
| 85° | 0.6 | 1.3 | 1.3 | 1.9 | 3.2 | 3.8 | 4.5 | 5.1 | 5.7 | 5.7 | 6.4 |
| 87.5° | 0.6 | 0.6 | 0.0 | 0.6 | 1.3 | 1.3 | 2.5 | 2.5 | 2.5 | 3.8 | 3.8 |
| 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: P245984

CATALOG NUMBER: LD8B20D010 ER8B20850 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 | 1305.5 |
| 2.5° | 1294.0 | 1294.6 | 1292.1 | 1291.5 | 1290.2 | 1290.8 | 1292.1 |
| 5° | 1270.4 | 1271.1 | 1268.5 | 1266.0 | 1266.0 | 1265.3 | 1266.0 |
| 7.5° | 1248.1 | 1248.8 | 1244.9 | 1243.6 | 1241.1 | 1241.7 | 1241.7 |
| 10° | 1225.8 | 1225.8 | 1220.1 | 1219.4 | 1217.5 | 1216.9 | 1216.9 |
| 12.5° | 1204.1 | 1202.2 | 1197.7 | 1195.2 | 1196.5 | 1192.7 | 1192.7 |
| 15° | 1185.0 | 1181.8 | 1176.1 | 1174.2 | 1171.0 | 1169.7 | 1169.7 |
| 17.5° | 1165.2 | 1162.7 | 1157.6 | 1153.8 | 1149.9 | 1149.3 | 1149.9 |
| 20° | 1146.1 | 1143.6 | 1137.2 | 1134.6 | 1131.5 | 1131.5 | 1130.2 |
| 22.5° | 1127.0 | 1124.4 | 1118.7 | 1116.8 | 1112.3 | 1112.3 | 1113.0 |
| 25° | 1107.2 | 1105.3 | 1098.9 | 1097.7 | 1097.0 | 1094.5 | 1095.8 |
| 27.5° | 1080.5 | 1079.2 | 1074.1 | 1072.2 | 1069.6 | 1069.0 | 1070.3 |
| 30° | 1031.4 | 1029.5 | 1025.7 | 1023.7 | 1019.3 | 1019.9 | 1021.2 |
| 32.5° | 970.2 | 967.6 | 962.5 | 960.6 | 956.8 | 955.5 | 956.1 |
| 35° | 893.7 | 891.8 | 887.3 | 887.3 | 883.5 | 882.2 | 883.5 |
| 37.5° | 815.9 | 817.8 | 815.9 | 817.8 | 815.9 | 815.3 | 815.9 |
| 40° | 742.6 | 749.6 | 750.9 | 757.9 | 755.4 | 759.2 | 758.6 |
| 42.5° | 672.5 | 684.0 | 688.4 | 694.2 | 692.9 | 695.5 | 697.4 |
| 45° | 601.7 | 611.3 | 615.8 | 619.6 | 620.2 | 621.5 | 622.1 |
| 47.5° | 534.8 | 542.5 | 543.1 | 547.6 | 546.9 | 546.9 | 548.8 |
| 50° | 472.4 | 477.4 | 478.7 | 481.9 | 479.4 | 478.1 | 478.7 |
| 52.5° | 414.3 | 419.4 | 418.1 | 419.4 | 416.3 | 415.0 | 415.6 |
| 55° | 355.0 | 357.6 | 357.6 | 357.6 | 353.8 | 353.8 | 353.8 |
| 57.5° | 294.5 | 295.1 | 293.9 | 294.5 | 293.9 | 290.0 | 289.4 |
| 60° | 239.1 | 239.1 | 238.4 | 239.1 | 237.1 | 235.2 | 235.2 |
| 62.5° | 186.8 | 188.0 | 190.6 | 188.0 | 186.8 | 188.0 | 186.1 |
| 65° | 139.6 | 142.2 | 141.5 | 142.8 | 142.2 | 142.2 | 140.9 |
| 67.5° | 105.2 | 105.8 | 106.4 | 107.1 | 107.1 | 107.1 | 107.1 |
| 70° | 77.1 | 79.1 | 78.4 | 78.4 | 78.4 | 78.4 | 82.2 |
| 72.5° | 51.6 | 54.2 | 53.6 | 54.8 | 54.8 | 56.1 | 54.8 |
| 75° | 35.1 | 37.6 | 36.3 | 38.3 | 37.6 | 36.3 | 39.5 |
| 77.5° | 23.6 | 24.9 | 25.5 | 26.1 | 25.5 | 24.9 | 25.5 |
| 80° | 16.6 | 17.8 | 17.2 | 17.8 | 17.8 | 17.8 | 18.5 |
| 82.5° | 10.2 | 12.1 | 11.5 | 12.1 | 11.5 | 12.1 | 12.1 |
| 85° | 7.0 | 7.7 | 6.4 | 7.7 | 7.0 | 7.0 | 8.3 |
| 87.5° | 4.5 | 3.8 | 3.8 | 4.5 | 3.8 | 4.5 | 3.8 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)