

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: P245883

Luminaire Tested: **LD8B30D010 ER8B309730 8LBSW0GPH**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P245883
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 ER8B309730 8LBSW0GPH
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT
97 CRI 3000 CCT WITH GRAPHITE TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2109.0 lumens
Efficiency: N/A
Efficacy: 77.8 lumens/watt
Spacing Criteria (0/90/45): 1.2 / 1.23 / 1.15
Luminous Opening: Point Source (0' x 0' x 0')
CIE Type: Direct

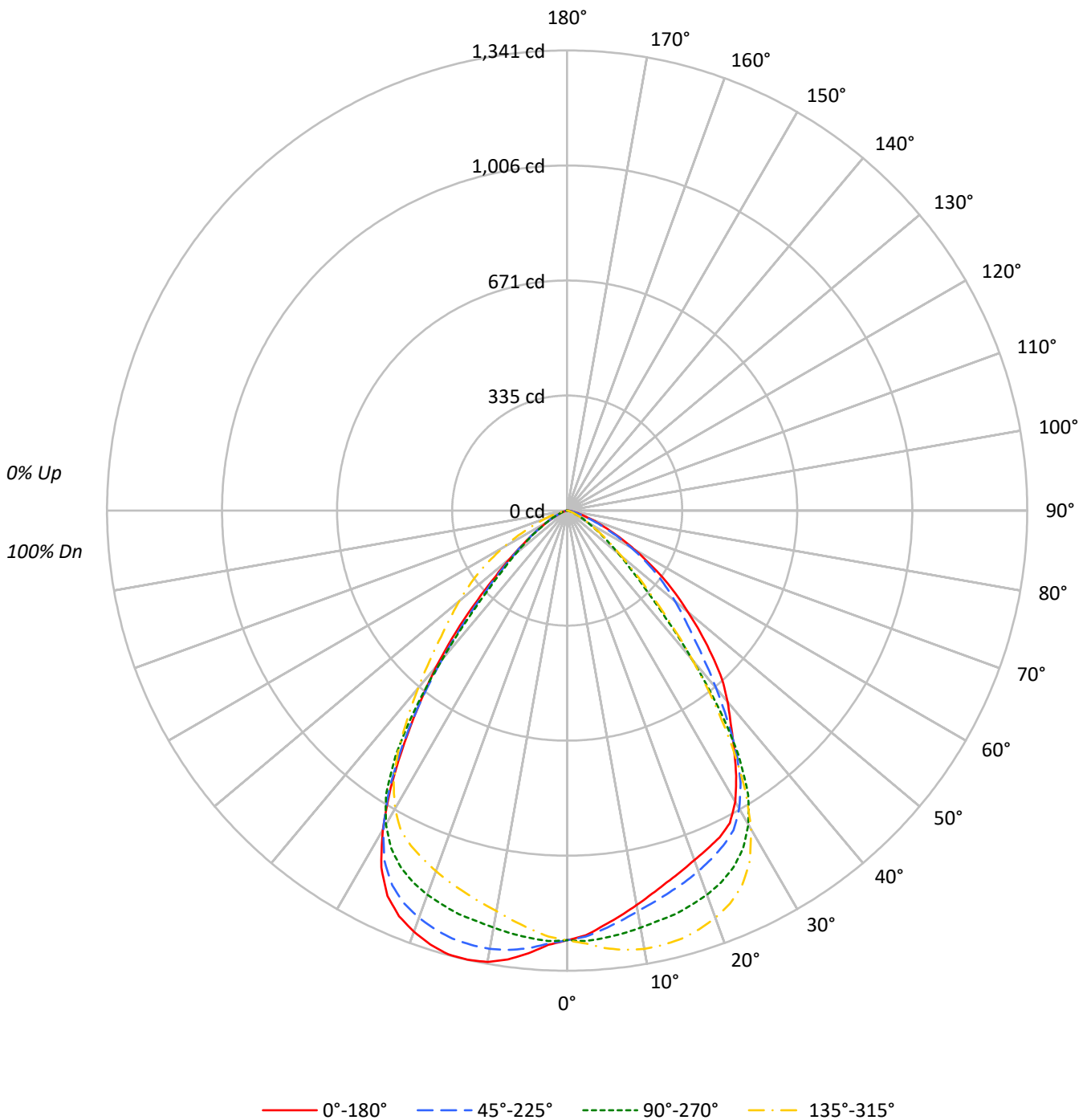
Input Watts (W): 27.1
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P245883

CATALOG NUMBER: LD8B30D010 ER8B309730 8LBSW0GPH

Luminous Intensity Polar Plot





TEST NUMBER: P245883

CATALOG NUMBER: LD8B30D010 ER8B309730 8LBSW0GPH

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

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|--|-----|------|------|
| 0° | Luminaire represents a point source (luminous area is zero). | | | |
| 5° | No luminance values can be calculated. | | | |
| 10° | | | | |
| 15° | | | | |
| 20° | | | | |
| 25° | | | | |
| 30° | | | | |
| 35° | | | | |
| 40° | | | | |
| 45° | | | | |
| 50° | | | | |
| 55° | | | | |
| 60° | | | | |
| 65° | | | | |
| 70° | | | | |
| 75° | | | | |
| 80° | | | | |
| 85° | | | | |



TEST NUMBER: P245883

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 119.2 | 5.7 |
| 10°-20° | 345.1 | 16.4 |
| 20°-30° | 522.6 | 24.8 |
| 30°-40° | 523.7 | 24.8 |
| 40°-50° | 328.9 | 15.6 |
| 50°-60° | 175.3 | 8.3 |
| 60°-70° | 72.1 | 3.4 |
| 70°-80° | 19.0 | 0.9 |
| 80°-90° | 3.2 | 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° | 986.8 | 46.8 |
| 0°-40° | 1510.5 | 71.6 |
| 0°-60° | 2014.7 | 95.5 |
| 0°-90° | 2109.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 2109.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 1252 | 1252 | 1252 | 1252 | 1252 | |
| 5° | 1214 | 1250 | 1295 | 1250 | 1214 | 114 |
| 15° | 1122 | 1218 | 1339 | 1218 | 1122 | 317 |
| 25° | 1051 | 1147 | 1239 | 1147 | 1051 | 482 |
| 35° | 847 | 871 | 827 | 871 | 847 | 531 |
| 45° | 597 | 319 | 369 | 319 | 597 | 459 |
| 55° | 339 | 118 | 125 | 118 | 339 | 303 |
| 65° | 135 | 36 | 33 | 36 | 135 | 140 |
| 75° | 38 | 7 | 6 | 7 | 38 | 43 |
| 85° | 8 | 0 | 1 | 0 | 8 | 9 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 |
| 2.5° | 1239.2 | 1238.0 | 1237.4 | 1238.6 | 1239.2 | 1241.7 | 1241.0 | 1242.3 | 1242.3 | 1242.9 | 1244.1 |
| 5° | 1214.1 | 1213.5 | 1214.1 | 1214.1 | 1216.6 | 1219.0 | 1218.4 | 1220.3 | 1221.5 | 1224.5 | 1225.8 |
| 7.5° | 1190.9 | 1190.9 | 1190.3 | 1192.7 | 1194.0 | 1197.6 | 1197.0 | 1200.1 | 1201.9 | 1205.0 | 1209.2 |
| 10° | 1167.1 | 1167.1 | 1167.7 | 1169.5 | 1170.1 | 1175.6 | 1175.6 | 1179.9 | 1182.3 | 1185.4 | 1190.9 |
| 12.5° | 1143.8 | 1143.8 | 1147.5 | 1146.3 | 1148.7 | 1153.0 | 1154.8 | 1159.1 | 1162.8 | 1168.9 | 1174.4 |
| 15° | 1121.8 | 1121.8 | 1123.1 | 1126.1 | 1127.9 | 1133.4 | 1136.5 | 1141.4 | 1145.7 | 1151.8 | 1159.7 |
| 17.5° | 1102.9 | 1102.3 | 1102.9 | 1106.5 | 1110.2 | 1115.1 | 1117.5 | 1123.7 | 1127.9 | 1135.9 | 1143.2 |
| 20° | 1083.9 | 1085.2 | 1085.2 | 1088.2 | 1090.6 | 1096.8 | 1099.2 | 1105.9 | 1110.8 | 1118.2 | 1126.7 |
| 22.5° | 1067.4 | 1066.8 | 1066.8 | 1071.1 | 1072.9 | 1078.4 | 1080.9 | 1087.0 | 1092.5 | 1098.6 | 1106.5 |
| 25° | 1050.9 | 1049.7 | 1052.1 | 1052.7 | 1054.0 | 1060.1 | 1061.9 | 1066.2 | 1071.7 | 1077.2 | 1085.2 |
| 27.5° | 1026.5 | 1025.2 | 1025.8 | 1028.3 | 1030.1 | 1035.0 | 1036.2 | 1040.5 | 1044.8 | 1049.7 | 1056.4 |
| 30° | 979.4 | 978.2 | 977.6 | 981.8 | 983.7 | 987.3 | 989.2 | 996.5 | 997.7 | 1003.2 | 1008.1 |
| 32.5° | 917.0 | 916.4 | 917.6 | 921.3 | 923.1 | 928.0 | 930.5 | 934.8 | 937.8 | 940.9 | 945.8 |
| 35° | 847.3 | 846.1 | 847.3 | 851.0 | 851.0 | 855.3 | 857.1 | 858.9 | 858.3 | 858.9 | 857.7 |
| 37.5° | 782.5 | 781.9 | 782.5 | 784.4 | 782.5 | 784.4 | 782.5 | 778.9 | 772.1 | 764.8 | 757.5 |
| 40° | 727.5 | 728.1 | 724.5 | 726.9 | 720.2 | 719.0 | 712.2 | 703.0 | 689.6 | 674.9 | 654.2 |
| 42.5° | 668.8 | 667.0 | 664.5 | 665.8 | 660.3 | 656.0 | 645.0 | 633.4 | 616.2 | 591.8 | 566.7 |
| 45° | 596.7 | 596.1 | 594.8 | 594.2 | 590.6 | 586.3 | 577.1 | 563.7 | 544.7 | 519.7 | 489.7 |
| 47.5° | 526.4 | 524.5 | 524.5 | 525.1 | 520.9 | 520.3 | 512.9 | 501.3 | 484.8 | 460.3 | 429.2 |
| 50° | 459.1 | 458.5 | 459.7 | 462.2 | 459.1 | 457.9 | 453.0 | 445.1 | 430.4 | 409.6 | 380.2 |
| 52.5° | 398.6 | 398.0 | 399.2 | 402.3 | 401.0 | 402.3 | 397.4 | 391.3 | 381.5 | 361.3 | 335.6 |
| 55° | 339.3 | 339.3 | 339.3 | 343.0 | 343.0 | 343.0 | 340.5 | 336.9 | 327.7 | 313.0 | 289.2 |
| 57.5° | 277.6 | 278.2 | 281.8 | 282.4 | 281.8 | 283.1 | 282.4 | 278.8 | 272.7 | 262.3 | 243.9 |
| 60° | 225.6 | 225.6 | 227.4 | 229.3 | 228.6 | 229.3 | 229.3 | 227.4 | 221.3 | 212.8 | 198.1 |
| 62.5° | 178.5 | 180.3 | 179.1 | 180.3 | 182.8 | 180.3 | 179.1 | 177.9 | 173.6 | 168.1 | 155.9 |
| 65° | 135.1 | 136.3 | 136.3 | 136.9 | 135.7 | 136.3 | 133.9 | 132.1 | 129.6 | 123.5 | 115.6 |
| 67.5° | 102.7 | 102.7 | 102.7 | 102.7 | 102.1 | 101.5 | 100.9 | 99.0 | 94.8 | 92.3 | 83.7 |
| 70° | 78.9 | 75.2 | 75.2 | 75.2 | 75.2 | 75.8 | 74.0 | 71.5 | 70.3 | 66.0 | 59.9 |
| 72.5° | 52.6 | 53.8 | 52.6 | 52.6 | 51.4 | 52.0 | 49.5 | 48.3 | 47.1 | 44.6 | 41.0 |
| 75° | 37.9 | 34.9 | 36.1 | 36.7 | 34.9 | 36.1 | 33.6 | 31.2 | 31.2 | 29.3 | 27.5 |
| 77.5° | 24.5 | 23.9 | 24.5 | 25.1 | 24.5 | 23.9 | 22.6 | 21.4 | 21.4 | 20.8 | 18.9 |
| 80° | 17.7 | 17.1 | 17.1 | 17.1 | 16.5 | 17.1 | 15.9 | 15.9 | 14.7 | 14.1 | 12.8 |
| 82.5° | 11.6 | 11.6 | 11.0 | 11.6 | 11.0 | 11.6 | 9.8 | 9.8 | 9.8 | 9.2 | 8.0 |
| 85° | 8.0 | 6.7 | 6.7 | 7.3 | 6.1 | 7.3 | 6.7 | 6.1 | 5.5 | 5.5 | 4.9 |
| 87.5° | 3.7 | 4.3 | 3.7 | 4.3 | 3.7 | 3.7 | 4.3 | 3.7 | 3.7 | 2.4 | 2.4 |
| 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: P245883

CATALOG NUMBER: LD8B30D010 ER8B309730 8LBSW0GPH

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 |
| 2.5° | 1245.9 | 1246.5 | 1246.5 | 1249.0 | 1250.2 | 1250.8 | 1250.8 | 1255.7 | 1253.9 | 1255.1 | 1256.3 |
| 5° | 1228.2 | 1231.9 | 1233.1 | 1233.1 | 1239.8 | 1242.3 | 1244.7 | 1250.2 | 1250.8 | 1254.5 | 1258.8 |
| 7.5° | 1211.1 | 1215.4 | 1217.8 | 1223.3 | 1227.6 | 1231.9 | 1239.2 | 1242.9 | 1246.5 | 1251.4 | 1256.9 |
| 10° | 1194.6 | 1199.5 | 1204.4 | 1208.6 | 1215.4 | 1220.9 | 1225.8 | 1234.3 | 1238.6 | 1245.3 | 1252.7 |
| 12.5° | 1178.7 | 1185.4 | 1189.7 | 1197.0 | 1204.4 | 1209.2 | 1216.6 | 1224.5 | 1231.3 | 1238.0 | 1246.5 |
| 15° | 1164.6 | 1172.6 | 1177.5 | 1185.4 | 1193.4 | 1200.1 | 1208.0 | 1217.8 | 1222.7 | 1230.7 | 1238.6 |
| 17.5° | 1149.3 | 1157.9 | 1164.0 | 1171.3 | 1181.1 | 1188.5 | 1195.2 | 1205.0 | 1211.1 | 1219.6 | 1228.8 |
| 20° | 1133.4 | 1142.0 | 1149.3 | 1156.7 | 1166.5 | 1173.8 | 1181.7 | 1191.5 | 1198.2 | 1206.8 | 1214.1 |
| 22.5° | 1114.5 | 1122.5 | 1130.4 | 1138.9 | 1148.7 | 1154.8 | 1164.0 | 1172.6 | 1179.9 | 1187.9 | 1195.2 |
| 25° | 1090.0 | 1099.8 | 1105.9 | 1113.9 | 1121.8 | 1128.5 | 1138.3 | 1146.9 | 1153.0 | 1160.3 | 1167.1 |
| 27.5° | 1061.3 | 1068.7 | 1073.5 | 1080.3 | 1088.2 | 1094.3 | 1101.6 | 1110.2 | 1116.3 | 1123.1 | 1127.9 |
| 30° | 1012.4 | 1019.1 | 1023.4 | 1028.3 | 1036.2 | 1041.8 | 1047.9 | 1055.8 | 1060.1 | 1065.0 | 1069.3 |
| 32.5° | 948.2 | 953.7 | 956.1 | 959.8 | 965.3 | 970.8 | 975.7 | 982.4 | 984.3 | 987.3 | 987.3 |
| 35° | 855.3 | 856.5 | 855.9 | 857.1 | 859.6 | 862.6 | 866.9 | 871.2 | 873.6 | 873.6 | 871.8 |
| 37.5° | 746.5 | 739.1 | 731.2 | 725.1 | 723.2 | 722.0 | 724.5 | 726.3 | 728.7 | 729.9 | 726.9 |
| 40° | 633.4 | 616.9 | 599.1 | 583.2 | 572.2 | 567.3 | 565.5 | 566.7 | 566.7 | 571.0 | 571.0 |
| 42.5° | 536.2 | 510.5 | 484.2 | 460.3 | 444.4 | 432.2 | 426.7 | 426.7 | 427.3 | 430.4 | 432.2 |
| 45° | 455.5 | 423.1 | 392.5 | 366.2 | 344.2 | 328.3 | 321.0 | 319.1 | 318.5 | 319.7 | 324.0 |
| 47.5° | 393.7 | 360.1 | 328.3 | 295.9 | 272.7 | 256.8 | 250.1 | 247.6 | 245.1 | 247.6 | 248.2 |
| 50° | 345.4 | 310.6 | 277.0 | 244.5 | 220.1 | 206.0 | 197.5 | 193.8 | 193.2 | 193.2 | 194.4 |
| 52.5° | 301.4 | 269.0 | 235.4 | 202.4 | 176.7 | 163.2 | 155.3 | 153.4 | 151.0 | 153.4 | 153.4 |
| 55° | 259.8 | 227.4 | 194.4 | 163.2 | 141.8 | 127.8 | 120.4 | 118.0 | 116.8 | 118.6 | 118.6 |
| 57.5° | 214.6 | 187.1 | 156.5 | 128.4 | 107.0 | 97.2 | 91.7 | 88.7 | 88.0 | 89.3 | 88.0 |
| 60° | 176.1 | 152.8 | 126.5 | 100.9 | 84.4 | 74.0 | 69.7 | 68.5 | 67.2 | 68.5 | 68.5 |
| 62.5° | 139.4 | 119.8 | 98.4 | 78.9 | 64.8 | 57.5 | 52.6 | 52.6 | 52.0 | 52.0 | 52.6 |
| 65° | 103.3 | 88.0 | 72.7 | 56.2 | 45.2 | 39.7 | 36.1 | 36.1 | 35.5 | 36.1 | 35.5 |
| 67.5° | 75.2 | 64.8 | 52.6 | 41.0 | 32.4 | 29.3 | 26.9 | 25.1 | 26.3 | 25.1 | 24.5 |
| 70° | 55.0 | 46.5 | 37.9 | 31.2 | 25.1 | 22.0 | 20.2 | 19.6 | 18.3 | 18.3 | 18.3 |
| 72.5° | 36.7 | 31.2 | 25.7 | 20.2 | 16.5 | 13.4 | 12.8 | 11.6 | 10.4 | 11.0 | 12.2 |
| 75° | 24.5 | 20.8 | 18.3 | 14.7 | 11.0 | 11.0 | 7.3 | 7.3 | 6.1 | 7.3 | 5.5 |
| 77.5° | 17.1 | 14.1 | 11.0 | 9.2 | 7.3 | 6.7 | 4.9 | 4.9 | 4.3 | 4.3 | 4.3 |
| 80° | 12.2 | 10.4 | 8.0 | 6.7 | 4.9 | 4.9 | 4.3 | 3.7 | 3.0 | 3.0 | 3.7 |
| 82.5° | 7.3 | 5.5 | 5.5 | 4.9 | 3.0 | 2.4 | 1.8 | 2.4 | 1.2 | 1.2 | 1.2 |
| 85° | 4.3 | 3.7 | 3.0 | 1.8 | 1.2 | 1.2 | 0.6 | 0.0 | 0.6 | 0.6 | 0.0 |
| 87.5° | 2.4 | 1.2 | 1.2 | 0.6 | 0.0 | 0.6 | 0.6 | 0.0 | 0.0 | 0.0 | 1.2 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CATALOG NUMBER: LD8B30D010 ER8B309730 8LBSW0GPH

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 |
| 2.5° | 1259.4 | 1258.8 | 1260.0 | 1260.0 | 1263.7 | 1263.0 | 1264.9 | 1264.9 | 1263.7 | 1264.3 | 1266.7 |
| 5° | 1263.7 | 1265.5 | 1269.2 | 1272.2 | 1277.7 | 1280.2 | 1283.2 | 1286.3 | 1286.9 | 1288.7 | 1290.6 |
| 7.5° | 1263.7 | 1269.8 | 1274.1 | 1279.6 | 1286.9 | 1291.2 | 1297.9 | 1303.4 | 1305.8 | 1308.9 | 1312.6 |
| 10° | 1261.2 | 1267.3 | 1275.3 | 1281.4 | 1290.6 | 1297.3 | 1304.0 | 1312.6 | 1316.2 | 1321.1 | 1326.0 |
| 12.5° | 1256.3 | 1263.0 | 1271.6 | 1279.6 | 1289.9 | 1296.1 | 1304.6 | 1312.6 | 1318.1 | 1324.8 | 1330.3 |
| 15° | 1249.0 | 1256.9 | 1264.9 | 1272.8 | 1283.8 | 1291.2 | 1299.1 | 1308.3 | 1313.8 | 1321.1 | 1326.0 |
| 17.5° | 1237.4 | 1245.9 | 1253.3 | 1260.6 | 1271.0 | 1279.6 | 1286.9 | 1295.5 | 1301.0 | 1307.1 | 1313.8 |
| 20° | 1223.3 | 1231.3 | 1239.2 | 1245.3 | 1255.7 | 1263.0 | 1271.0 | 1278.9 | 1283.2 | 1284.5 | 1294.9 |
| 22.5° | 1205.6 | 1211.1 | 1217.2 | 1227.0 | 1233.1 | 1239.8 | 1247.2 | 1254.5 | 1258.8 | 1265.5 | 1269.2 |
| 25° | 1176.2 | 1181.7 | 1188.5 | 1192.7 | 1200.1 | 1205.6 | 1212.9 | 1220.9 | 1223.3 | 1228.2 | 1231.9 |
| 27.5° | 1135.3 | 1138.3 | 1141.4 | 1145.1 | 1149.3 | 1152.4 | 1156.7 | 1160.3 | 1162.8 | 1165.2 | 1167.7 |
| 30° | 1070.5 | 1070.5 | 1070.5 | 1068.0 | 1069.9 | 1071.7 | 1072.3 | 1071.7 | 1071.7 | 1071.1 | 1071.1 |
| 32.5° | 984.9 | 980.0 | 974.5 | 969.6 | 967.8 | 965.3 | 964.1 | 962.3 | 959.2 | 957.4 | 958.0 |
| 35° | 869.3 | 858.3 | 851.6 | 845.5 | 840.6 | 836.9 | 835.1 | 833.3 | 832.7 | 830.2 | 827.8 |
| 37.5° | 725.1 | 717.1 | 712.2 | 708.6 | 704.3 | 700.6 | 701.2 | 701.8 | 703.7 | 702.4 | 703.0 |
| 40° | 572.2 | 570.4 | 572.2 | 567.9 | 566.7 | 567.9 | 571.0 | 575.3 | 577.7 | 580.2 | 584.5 |
| 42.5° | 435.3 | 438.3 | 442.6 | 442.6 | 444.4 | 446.9 | 450.6 | 457.3 | 460.9 | 465.2 | 470.1 |
| 45° | 327.7 | 331.4 | 336.9 | 338.7 | 339.9 | 343.0 | 347.3 | 352.7 | 355.2 | 358.9 | 363.1 |
| 47.5° | 252.5 | 254.9 | 258.0 | 261.0 | 264.1 | 265.3 | 269.6 | 269.6 | 272.7 | 275.1 | 276.3 |
| 50° | 196.9 | 199.3 | 201.7 | 203.6 | 204.8 | 206.6 | 207.9 | 209.7 | 210.3 | 211.5 | 212.1 |
| 52.5° | 154.1 | 157.1 | 157.1 | 158.3 | 160.2 | 162.0 | 161.4 | 162.0 | 162.6 | 162.6 | 164.4 |
| 55° | 120.4 | 120.4 | 122.3 | 122.3 | 123.5 | 122.9 | 123.5 | 123.5 | 123.5 | 123.5 | 124.1 |
| 57.5° | 89.9 | 90.5 | 92.3 | 91.1 | 90.5 | 91.7 | 90.5 | 91.7 | 91.1 | 92.3 | 90.5 |
| 60° | 69.1 | 69.1 | 69.7 | 69.7 | 70.3 | 70.3 | 70.3 | 69.7 | 69.7 | 69.1 | 69.1 |
| 62.5° | 52.0 | 52.6 | 53.2 | 52.6 | 52.6 | 52.6 | 52.0 | 52.0 | 51.4 | 50.7 | 50.7 |
| 65° | 34.9 | 34.2 | 35.5 | 34.2 | 34.9 | 34.9 | 34.2 | 34.9 | 33.0 | 33.6 | 33.0 |
| 67.5° | 25.1 | 24.5 | 23.9 | 24.5 | 23.9 | 23.2 | 23.2 | 23.9 | 24.5 | 22.6 | 22.6 |
| 70° | 16.5 | 17.1 | 16.5 | 17.1 | 17.7 | 17.7 | 17.1 | 16.5 | 17.1 | 15.9 | 16.5 |
| 72.5° | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 11.0 | 11.0 | 11.0 | 9.8 | 9.8 | 9.2 |
| 75° | 4.9 | 6.7 | 5.5 | 4.9 | 6.7 | 6.7 | 6.1 | 6.1 | 5.5 | 5.5 | 5.5 |
| 77.5° | 4.9 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.0 | 3.7 | 3.0 |
| 80° | 2.4 | 2.4 | 2.4 | 1.8 | 2.4 | 2.4 | 3.0 | 2.4 | 2.4 | 1.8 | 3.0 |
| 82.5° | 1.2 | 1.2 | 1.2 | 0.0 | 0.6 | 1.2 | 1.2 | 0.6 | 1.2 | 1.2 | 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: P245883

CATALOG NUMBER: LD8B30D010 ER8B309730 8LBSW0GPH

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 |
| 2.5° | 1266.1 | 1265.5 | 1266.1 | 1266.7 | 1266.1 | 1265.5 | 1266.1 | 1266.7 | 1264.3 | 1263.7 | 1264.9 |
| 5° | 1293.0 | 1293.0 | 1294.2 | 1294.9 | 1294.2 | 1293.0 | 1293.0 | 1290.6 | 1288.7 | 1286.9 | 1286.3 |
| 7.5° | 1316.2 | 1317.5 | 1318.7 | 1319.3 | 1318.7 | 1317.5 | 1316.2 | 1312.6 | 1308.9 | 1305.8 | 1303.4 |
| 10° | 1330.3 | 1332.1 | 1334.6 | 1335.8 | 1334.6 | 1332.1 | 1330.3 | 1326.0 | 1321.1 | 1316.2 | 1312.6 |
| 12.5° | 1336.4 | 1338.3 | 1341.3 | 1340.7 | 1341.3 | 1338.3 | 1336.4 | 1330.3 | 1324.8 | 1318.1 | 1312.6 |
| 15° | 1332.1 | 1334.6 | 1337.6 | 1338.9 | 1337.6 | 1334.6 | 1332.1 | 1326.0 | 1321.1 | 1313.8 | 1308.3 |
| 17.5° | 1318.7 | 1322.4 | 1324.2 | 1326.0 | 1324.2 | 1322.4 | 1318.7 | 1313.8 | 1307.1 | 1301.0 | 1295.5 |
| 20° | 1300.3 | 1302.8 | 1305.2 | 1305.8 | 1305.2 | 1302.8 | 1300.3 | 1294.9 | 1284.5 | 1283.2 | 1278.9 |
| 22.5° | 1274.1 | 1275.9 | 1281.4 | 1279.6 | 1281.4 | 1275.9 | 1274.1 | 1269.2 | 1265.5 | 1258.8 | 1254.5 |
| 25° | 1236.1 | 1238.0 | 1238.6 | 1239.2 | 1238.6 | 1238.0 | 1236.1 | 1231.9 | 1228.2 | 1223.3 | 1220.9 |
| 27.5° | 1170.7 | 1170.7 | 1172.0 | 1172.6 | 1172.0 | 1170.7 | 1170.7 | 1167.7 | 1165.2 | 1162.8 | 1160.3 |
| 30° | 1071.7 | 1071.7 | 1071.7 | 1074.8 | 1071.7 | 1071.7 | 1071.7 | 1071.1 | 1071.1 | 1071.7 | 1071.7 |
| 32.5° | 957.4 | 956.1 | 954.9 | 956.1 | 954.9 | 956.1 | 957.4 | 958.0 | 957.4 | 959.2 | 962.3 |
| 35° | 827.8 | 827.2 | 829.0 | 826.6 | 829.0 | 827.2 | 827.8 | 827.8 | 830.2 | 832.7 | 833.3 |
| 37.5° | 703.7 | 702.4 | 704.9 | 702.4 | 704.9 | 702.4 | 703.7 | 703.0 | 702.4 | 703.7 | 701.8 |
| 40° | 585.7 | 586.9 | 586.9 | 591.8 | 586.9 | 586.9 | 585.7 | 584.5 | 580.2 | 577.7 | 575.3 |
| 42.5° | 472.6 | 476.2 | 475.0 | 478.7 | 475.0 | 476.2 | 472.6 | 470.1 | 465.2 | 460.9 | 457.3 |
| 45° | 365.6 | 368.0 | 368.0 | 369.3 | 368.0 | 368.0 | 365.6 | 363.1 | 358.9 | 355.2 | 352.7 |
| 47.5° | 280.6 | 280.6 | 280.6 | 281.2 | 280.6 | 280.6 | 280.6 | 276.3 | 275.1 | 272.7 | 269.6 |
| 50° | 213.4 | 214.0 | 214.6 | 215.2 | 214.6 | 214.0 | 213.4 | 212.1 | 211.5 | 210.3 | 209.7 |
| 52.5° | 163.8 | 164.4 | 163.2 | 164.4 | 163.2 | 164.4 | 163.8 | 164.4 | 162.6 | 162.6 | 162.0 |
| 55° | 124.1 | 123.5 | 124.1 | 124.7 | 124.1 | 123.5 | 124.1 | 124.1 | 123.5 | 123.5 | 123.5 |
| 57.5° | 91.1 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 91.1 | 90.5 | 92.3 | 91.1 | 91.7 |
| 60° | 67.9 | 68.5 | 68.5 | 69.1 | 68.5 | 68.5 | 67.9 | 69.1 | 69.1 | 69.7 | 69.7 |
| 62.5° | 50.1 | 52.0 | 50.7 | 52.0 | 50.7 | 52.0 | 50.1 | 50.7 | 50.7 | 51.4 | 52.0 |
| 65° | 32.4 | 32.4 | 32.4 | 33.0 | 32.4 | 32.4 | 32.4 | 33.0 | 33.6 | 33.0 | 34.9 |
| 67.5° | 22.0 | 22.6 | 23.9 | 23.2 | 23.9 | 22.6 | 22.0 | 22.6 | 22.6 | 24.5 | 23.9 |
| 70° | 17.7 | 15.9 | 15.9 | 17.7 | 15.9 | 15.9 | 17.7 | 16.5 | 15.9 | 17.1 | 16.5 |
| 72.5° | 10.4 | 9.2 | 10.4 | 10.4 | 10.4 | 9.2 | 10.4 | 9.2 | 9.8 | 9.8 | 11.0 |
| 75° | 5.5 | 4.9 | 4.3 | 6.1 | 4.3 | 4.9 | 5.5 | 5.5 | 5.5 | 5.5 | 6.1 |
| 77.5° | 3.7 | 3.0 | 4.3 | 4.3 | 4.3 | 3.0 | 3.7 | 3.0 | 3.7 | 3.0 | 3.7 |
| 80° | 1.8 | 2.4 | 1.8 | 3.0 | 1.8 | 2.4 | 1.8 | 3.0 | 1.8 | 2.4 | 2.4 |
| 82.5° | 0.6 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 0.6 | 0.6 | 1.2 | 1.2 | 0.6 |
| 85° | 0.0 | 1.2 | 0.6 | 0.6 | 0.6 | 1.2 | 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: P245883

CATALOG NUMBER: LD8B30D010 ER8B309730 8LBSW0GPH

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 |
| 2.5° | 1264.9 | 1263.0 | 1263.7 | 1260.0 | 1260.0 | 1258.8 | 1259.4 | 1256.3 | 1255.1 | 1253.9 | 1255.7 |
| 5° | 1283.2 | 1280.2 | 1277.7 | 1272.2 | 1269.2 | 1265.5 | 1263.7 | 1258.8 | 1254.5 | 1250.8 | 1250.2 |
| 7.5° | 1297.9 | 1291.2 | 1286.9 | 1279.6 | 1274.1 | 1269.8 | 1263.7 | 1256.9 | 1251.4 | 1246.5 | 1242.9 |
| 10° | 1304.0 | 1297.3 | 1290.6 | 1281.4 | 1275.3 | 1267.3 | 1261.2 | 1252.7 | 1245.3 | 1238.6 | 1234.3 |
| 12.5° | 1304.6 | 1296.1 | 1289.9 | 1279.6 | 1271.6 | 1263.0 | 1256.3 | 1246.5 | 1238.0 | 1231.3 | 1224.5 |
| 15° | 1299.1 | 1291.2 | 1283.8 | 1272.8 | 1264.9 | 1256.9 | 1249.0 | 1238.6 | 1230.7 | 1222.7 | 1217.8 |
| 17.5° | 1286.9 | 1279.6 | 1271.0 | 1260.6 | 1253.3 | 1245.9 | 1237.4 | 1228.8 | 1219.6 | 1211.1 | 1205.0 |
| 20° | 1271.0 | 1263.0 | 1255.7 | 1245.3 | 1239.2 | 1231.3 | 1223.3 | 1214.1 | 1206.8 | 1198.2 | 1191.5 |
| 22.5° | 1247.2 | 1239.8 | 1233.1 | 1227.0 | 1217.2 | 1211.1 | 1205.6 | 1195.2 | 1187.9 | 1179.9 | 1172.6 |
| 25° | 1212.9 | 1205.6 | 1200.1 | 1192.7 | 1188.5 | 1181.7 | 1176.2 | 1167.1 | 1160.3 | 1153.0 | 1146.9 |
| 27.5° | 1156.7 | 1152.4 | 1149.3 | 1145.1 | 1141.4 | 1138.3 | 1135.3 | 1127.9 | 1123.1 | 1116.3 | 1110.2 |
| 30° | 1072.3 | 1071.7 | 1069.9 | 1068.0 | 1070.5 | 1070.5 | 1070.5 | 1069.3 | 1065.0 | 1060.1 | 1055.8 |
| 32.5° | 964.1 | 965.3 | 967.8 | 969.6 | 974.5 | 980.0 | 984.9 | 987.3 | 987.3 | 984.3 | 982.4 |
| 35° | 835.1 | 836.9 | 840.6 | 845.5 | 851.6 | 858.3 | 869.3 | 871.8 | 873.6 | 873.6 | 871.2 |
| 37.5° | 701.2 | 700.6 | 704.3 | 708.6 | 712.2 | 717.1 | 725.1 | 726.9 | 729.9 | 728.7 | 726.3 |
| 40° | 571.0 | 567.9 | 566.7 | 567.9 | 572.2 | 570.4 | 572.2 | 571.0 | 571.0 | 566.7 | 566.7 |
| 42.5° | 450.6 | 446.9 | 444.4 | 442.6 | 442.6 | 438.3 | 435.3 | 432.2 | 430.4 | 427.3 | 426.7 |
| 45° | 347.3 | 343.0 | 339.9 | 338.7 | 336.9 | 331.4 | 327.7 | 324.0 | 319.7 | 318.5 | 319.1 |
| 47.5° | 269.6 | 265.3 | 264.1 | 261.0 | 258.0 | 254.9 | 252.5 | 248.2 | 247.6 | 245.1 | 247.6 |
| 50° | 207.9 | 206.6 | 204.8 | 203.6 | 201.7 | 199.3 | 196.9 | 194.4 | 193.2 | 193.2 | 193.8 |
| 52.5° | 161.4 | 162.0 | 160.2 | 158.3 | 157.1 | 157.1 | 154.1 | 153.4 | 153.4 | 151.0 | 153.4 |
| 55° | 123.5 | 122.9 | 123.5 | 122.3 | 122.3 | 120.4 | 120.4 | 118.6 | 118.6 | 116.8 | 118.0 |
| 57.5° | 90.5 | 91.7 | 90.5 | 91.1 | 92.3 | 90.5 | 89.9 | 88.0 | 89.3 | 88.0 | 88.7 |
| 60° | 70.3 | 70.3 | 70.3 | 69.7 | 69.7 | 69.1 | 69.1 | 68.5 | 68.5 | 67.2 | 68.5 |
| 62.5° | 52.0 | 52.6 | 52.6 | 52.6 | 53.2 | 52.6 | 52.0 | 52.6 | 52.0 | 52.0 | 52.6 |
| 65° | 34.2 | 34.9 | 34.9 | 34.2 | 35.5 | 34.2 | 34.9 | 35.5 | 36.1 | 35.5 | 36.1 |
| 67.5° | 23.2 | 23.2 | 23.9 | 24.5 | 23.9 | 24.5 | 25.1 | 24.5 | 25.1 | 26.3 | 25.1 |
| 70° | 17.1 | 17.7 | 17.7 | 17.1 | 16.5 | 17.1 | 16.5 | 18.3 | 18.3 | 18.3 | 19.6 |
| 72.5° | 11.0 | 11.0 | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 12.2 | 11.0 | 10.4 | 11.6 |
| 75° | 6.1 | 6.7 | 6.7 | 4.9 | 5.5 | 6.7 | 4.9 | 5.5 | 7.3 | 6.1 | 7.3 |
| 77.5° | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 4.9 | 4.3 | 4.3 | 4.3 | 4.9 |
| 80° | 3.0 | 2.4 | 2.4 | 1.8 | 2.4 | 2.4 | 2.4 | 3.7 | 3.0 | 3.0 | 3.7 |
| 82.5° | 1.2 | 1.2 | 0.6 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 2.4 |
| 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 | 1.2 | 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: P245883

CATALOG NUMBER: LD8B30D010 ER8B309730 8LBSW0GPH

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 |
| 2.5° | 1250.8 | 1250.8 | 1250.2 | 1249.0 | 1246.5 | 1246.5 | 1245.9 | 1244.1 | 1242.9 | 1242.3 | 1242.3 |
| 5° | 1244.7 | 1242.3 | 1239.8 | 1233.1 | 1233.1 | 1231.9 | 1228.2 | 1225.8 | 1224.5 | 1221.5 | 1220.3 |
| 7.5° | 1239.2 | 1231.9 | 1227.6 | 1223.3 | 1217.8 | 1215.4 | 1211.1 | 1209.2 | 1205.0 | 1201.9 | 1200.1 |
| 10° | 1225.8 | 1220.9 | 1215.4 | 1208.6 | 1204.4 | 1199.5 | 1194.6 | 1190.9 | 1185.4 | 1182.3 | 1179.9 |
| 12.5° | 1216.6 | 1209.2 | 1204.4 | 1197.0 | 1189.7 | 1185.4 | 1178.7 | 1174.4 | 1168.9 | 1162.8 | 1159.1 |
| 15° | 1208.0 | 1200.1 | 1193.4 | 1185.4 | 1177.5 | 1172.6 | 1164.6 | 1159.7 | 1151.8 | 1145.7 | 1141.4 |
| 17.5° | 1195.2 | 1188.5 | 1181.1 | 1171.3 | 1164.0 | 1157.9 | 1149.3 | 1143.2 | 1135.9 | 1127.9 | 1123.7 |
| 20° | 1181.7 | 1173.8 | 1166.5 | 1156.7 | 1149.3 | 1142.0 | 1133.4 | 1126.7 | 1118.2 | 1110.8 | 1105.9 |
| 22.5° | 1164.0 | 1154.8 | 1148.7 | 1138.9 | 1130.4 | 1122.5 | 1114.5 | 1106.5 | 1098.6 | 1092.5 | 1087.0 |
| 25° | 1138.3 | 1128.5 | 1121.8 | 1113.9 | 1105.9 | 1099.8 | 1090.0 | 1085.2 | 1077.2 | 1071.7 | 1066.2 |
| 27.5° | 1101.6 | 1094.3 | 1088.2 | 1080.3 | 1073.5 | 1068.7 | 1061.3 | 1056.4 | 1049.7 | 1044.8 | 1040.5 |
| 30° | 1047.9 | 1041.8 | 1036.2 | 1028.3 | 1023.4 | 1019.1 | 1012.4 | 1008.1 | 1003.2 | 997.7 | 996.5 |
| 32.5° | 975.7 | 970.8 | 965.3 | 959.8 | 956.1 | 953.7 | 948.2 | 945.8 | 940.9 | 937.8 | 934.8 |
| 35° | 866.9 | 862.6 | 859.6 | 857.1 | 855.9 | 856.5 | 855.3 | 857.7 | 858.9 | 858.3 | 858.9 |
| 37.5° | 724.5 | 722.0 | 723.2 | 725.1 | 731.2 | 739.1 | 746.5 | 757.5 | 764.8 | 772.1 | 778.9 |
| 40° | 565.5 | 567.3 | 572.2 | 583.2 | 599.1 | 616.9 | 633.4 | 654.2 | 674.9 | 689.6 | 703.0 |
| 42.5° | 426.7 | 432.2 | 444.4 | 460.3 | 484.2 | 510.5 | 536.2 | 566.7 | 591.8 | 616.2 | 633.4 |
| 45° | 321.0 | 328.3 | 344.2 | 366.2 | 392.5 | 423.1 | 455.5 | 489.7 | 519.7 | 544.7 | 563.7 |
| 47.5° | 250.1 | 256.8 | 272.7 | 295.9 | 328.3 | 360.1 | 393.7 | 429.2 | 460.3 | 484.8 | 501.3 |
| 50° | 197.5 | 206.0 | 220.1 | 244.5 | 277.0 | 310.6 | 345.4 | 380.2 | 409.6 | 430.4 | 445.1 |
| 52.5° | 155.3 | 163.2 | 176.7 | 202.4 | 235.4 | 269.0 | 301.4 | 335.6 | 361.3 | 381.5 | 391.3 |
| 55° | 120.4 | 127.8 | 141.8 | 163.2 | 194.4 | 227.4 | 259.8 | 289.2 | 313.0 | 327.7 | 336.9 |
| 57.5° | 91.7 | 97.2 | 107.0 | 128.4 | 156.5 | 187.1 | 214.6 | 243.9 | 262.3 | 272.7 | 278.8 |
| 60° | 69.7 | 74.0 | 84.4 | 100.9 | 126.5 | 152.8 | 176.1 | 198.1 | 212.8 | 221.3 | 227.4 |
| 62.5° | 52.6 | 57.5 | 64.8 | 78.9 | 98.4 | 119.8 | 139.4 | 155.9 | 168.1 | 173.6 | 177.9 |
| 65° | 36.1 | 39.7 | 45.2 | 56.2 | 72.7 | 88.0 | 103.3 | 115.6 | 123.5 | 129.6 | 132.1 |
| 67.5° | 26.9 | 29.3 | 32.4 | 41.0 | 52.6 | 64.8 | 75.2 | 83.7 | 92.3 | 94.8 | 99.0 |
| 70° | 20.2 | 22.0 | 25.1 | 31.2 | 37.9 | 46.5 | 55.0 | 59.9 | 66.0 | 70.3 | 71.5 |
| 72.5° | 12.8 | 13.4 | 16.5 | 20.2 | 25.7 | 31.2 | 36.7 | 41.0 | 44.6 | 47.1 | 48.3 |
| 75° | 7.3 | 11.0 | 11.0 | 14.7 | 18.3 | 20.8 | 24.5 | 27.5 | 29.3 | 31.2 | 31.2 |
| 77.5° | 4.9 | 6.7 | 7.3 | 9.2 | 11.0 | 14.1 | 17.1 | 18.9 | 20.8 | 21.4 | 21.4 |
| 80° | 4.3 | 4.9 | 4.9 | 6.7 | 8.0 | 10.4 | 12.2 | 12.8 | 14.1 | 14.7 | 15.9 |
| 82.5° | 1.8 | 2.4 | 3.0 | 4.9 | 5.5 | 5.5 | 7.3 | 8.0 | 9.2 | 9.8 | 9.8 |
| 85° | 0.6 | 1.2 | 1.2 | 1.8 | 3.0 | 3.7 | 4.3 | 4.9 | 5.5 | 5.5 | 6.1 |
| 87.5° | 0.6 | 0.6 | 0.0 | 0.6 | 1.2 | 1.2 | 2.4 | 2.4 | 2.4 | 3.7 | 3.7 |
| 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: P245883

CATALOG NUMBER: LD8B30D010 ER8B309730 8LBSW0GPH

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 |
| 2.5° | 1241.0 | 1241.7 | 1239.2 | 1238.6 | 1237.4 | 1238.0 | 1239.2 |
| 5° | 1218.4 | 1219.0 | 1216.6 | 1214.1 | 1214.1 | 1213.5 | 1214.1 |
| 7.5° | 1197.0 | 1197.6 | 1194.0 | 1192.7 | 1190.3 | 1190.9 | 1190.9 |
| 10° | 1175.6 | 1175.6 | 1170.1 | 1169.5 | 1167.7 | 1167.1 | 1167.1 |
| 12.5° | 1154.8 | 1153.0 | 1148.7 | 1146.3 | 1147.5 | 1143.8 | 1143.8 |
| 15° | 1136.5 | 1133.4 | 1127.9 | 1126.1 | 1123.1 | 1121.8 | 1121.8 |
| 17.5° | 1117.5 | 1115.1 | 1110.2 | 1106.5 | 1102.9 | 1102.3 | 1102.9 |
| 20° | 1099.2 | 1096.8 | 1090.6 | 1088.2 | 1085.2 | 1085.2 | 1083.9 |
| 22.5° | 1080.9 | 1078.4 | 1072.9 | 1071.1 | 1066.8 | 1066.8 | 1067.4 |
| 25° | 1061.9 | 1060.1 | 1054.0 | 1052.7 | 1052.1 | 1049.7 | 1050.9 |
| 27.5° | 1036.2 | 1035.0 | 1030.1 | 1028.3 | 1025.8 | 1025.2 | 1026.5 |
| 30° | 989.2 | 987.3 | 983.7 | 981.8 | 977.6 | 978.2 | 979.4 |
| 32.5° | 930.5 | 928.0 | 923.1 | 921.3 | 917.6 | 916.4 | 917.0 |
| 35° | 857.1 | 855.3 | 851.0 | 851.0 | 847.3 | 846.1 | 847.3 |
| 37.5° | 782.5 | 784.4 | 782.5 | 784.4 | 782.5 | 781.9 | 782.5 |
| 40° | 712.2 | 719.0 | 720.2 | 726.9 | 724.5 | 728.1 | 727.5 |
| 42.5° | 645.0 | 656.0 | 660.3 | 665.8 | 664.5 | 667.0 | 668.8 |
| 45° | 577.1 | 586.3 | 590.6 | 594.2 | 594.8 | 596.1 | 596.7 |
| 47.5° | 512.9 | 520.3 | 520.9 | 525.1 | 524.5 | 524.5 | 526.4 |
| 50° | 453.0 | 457.9 | 459.1 | 462.2 | 459.7 | 458.5 | 459.1 |
| 52.5° | 397.4 | 402.3 | 401.0 | 402.3 | 399.2 | 398.0 | 398.6 |
| 55° | 340.5 | 343.0 | 343.0 | 343.0 | 339.3 | 339.3 | 339.3 |
| 57.5° | 282.4 | 283.1 | 281.8 | 282.4 | 281.8 | 278.2 | 277.6 |
| 60° | 229.3 | 229.3 | 228.6 | 229.3 | 227.4 | 225.6 | 225.6 |
| 62.5° | 179.1 | 180.3 | 182.8 | 180.3 | 179.1 | 180.3 | 178.5 |
| 65° | 133.9 | 136.3 | 135.7 | 136.9 | 136.3 | 136.3 | 135.1 |
| 67.5° | 100.9 | 101.5 | 102.1 | 102.7 | 102.7 | 102.7 | 102.7 |
| 70° | 74.0 | 75.8 | 75.2 | 75.2 | 75.2 | 75.2 | 78.9 |
| 72.5° | 49.5 | 52.0 | 51.4 | 52.6 | 52.6 | 53.8 | 52.6 |
| 75° | 33.6 | 36.1 | 34.9 | 36.7 | 36.1 | 34.9 | 37.9 |
| 77.5° | 22.6 | 23.9 | 24.5 | 25.1 | 24.5 | 23.9 | 24.5 |
| 80° | 15.9 | 17.1 | 16.5 | 17.1 | 17.1 | 17.1 | 17.7 |
| 82.5° | 9.8 | 11.6 | 11.0 | 11.6 | 11.0 | 11.6 | 11.6 |
| 85° | 6.7 | 7.3 | 6.1 | 7.3 | 6.7 | 6.7 | 8.0 |
| 87.5° | 4.3 | 3.7 | 3.7 | 4.3 | 3.7 | 4.3 | 3.7 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)