

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: CORELITE

Report Number: P303208

Luminaire Tested: **CTW-F-7525-30L935-UNV-STD-6**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303208
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-181-12)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: CTW-F-7525-30L935-UNV-STD-6
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
75% UPLIGHT, 25% DOWNLIGHT, 3000 LUMEN PACKAGE
Light Source: 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3859.2 lumens
Efficiency: N/A
Efficacy: 119.5 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.21 / 1.31
Luminous Opening: Rectangular (W 6' x L: 0.12' x H: 0')
CIE Type: Semi-Indirect

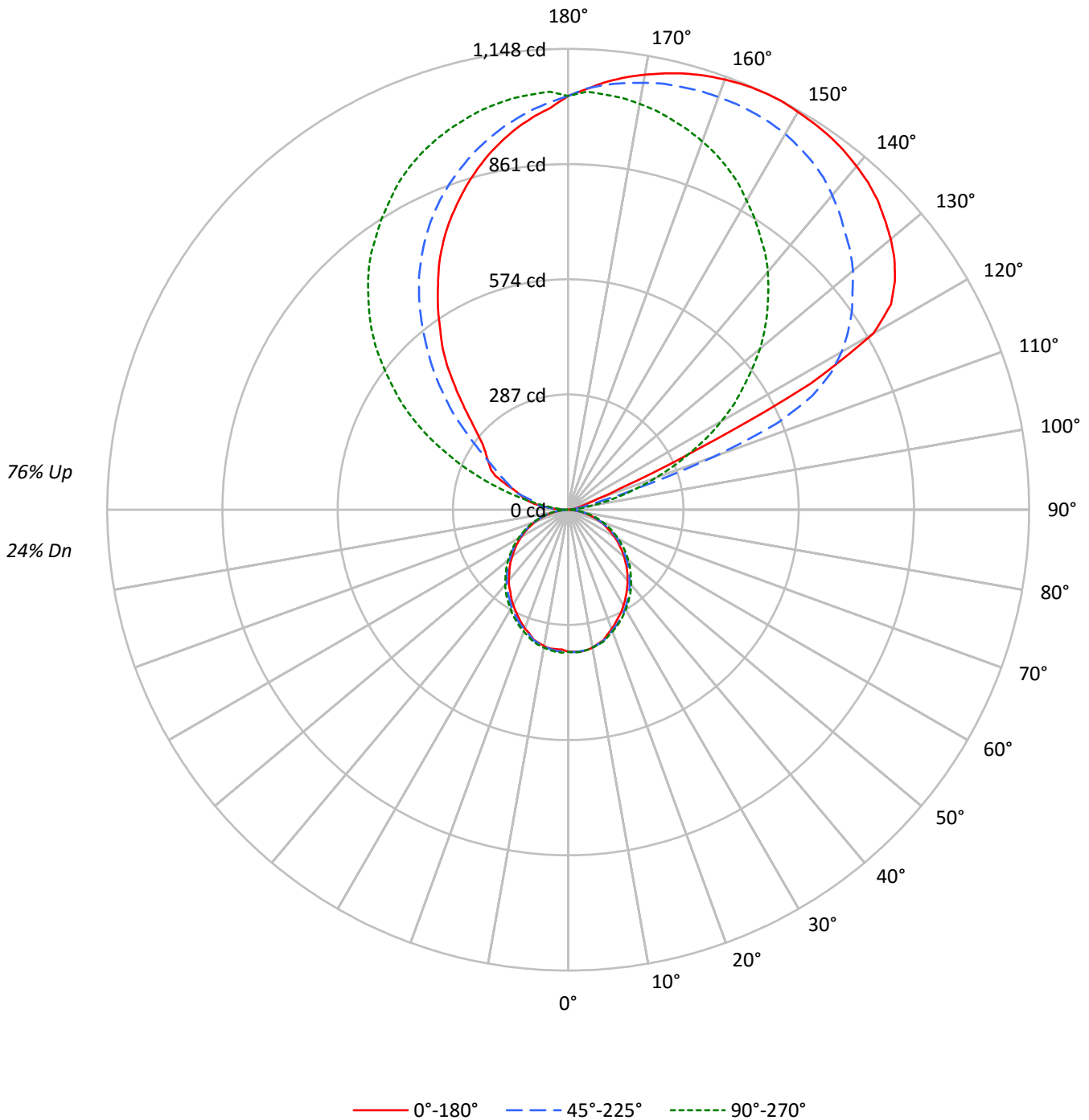
Input Watts (W): 32.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P303208

CATALOG NUMBER: CTW-F-7525-30L935-UNV-STD-6

Luminous Intensity Polar Plot





TEST NUMBER: P303208

CATALOG NUMBER: CTW-F-7525-30L935-UNV-STD-6

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 | 101 | 101 | 101 | 101 | 90 | 90 | 90 | 90 | 69 | 69 | 69 | 50 | 50 | 50 | 32 | 32 | 32 | 24 |
| 1 | 92 | 88 | 84 | 81 | 82 | 78 | 75 | 72 | 60 | 58 | 56 | 44 | 42 | 41 | 29 | 28 | 27 | 20 |
| 2 | 84 | 77 | 71 | 66 | 74 | 68 | 63 | 59 | 53 | 49 | 46 | 38 | 36 | 34 | 25 | 24 | 23 | 17 |
| 3 | 76 | 67 | 60 | 55 | 67 | 60 | 54 | 49 | 46 | 42 | 39 | 34 | 31 | 29 | 22 | 21 | 19 | 14 |
| 4 | 70 | 59 | 52 | 46 | 62 | 53 | 47 | 42 | 41 | 37 | 33 | 30 | 27 | 25 | 20 | 18 | 17 | 12 |
| 5 | 64 | 53 | 45 | 39 | 56 | 47 | 40 | 35 | 37 | 32 | 28 | 27 | 24 | 21 | 18 | 16 | 14 | 11 |
| 6 | 59 | 47 | 39 | 34 | 52 | 42 | 35 | 31 | 33 | 28 | 24 | 24 | 21 | 18 | 16 | 14 | 13 | 9 |
| 7 | 54 | 42 | 35 | 29 | 48 | 38 | 31 | 27 | 30 | 25 | 21 | 22 | 19 | 16 | 15 | 13 | 11 | 8 |
| 8 | 50 | 38 | 31 | 26 | 44 | 34 | 28 | 23 | 27 | 22 | 19 | 20 | 17 | 14 | 13 | 11 | 10 | 7 |
| 9 | 46 | 35 | 28 | 23 | 41 | 31 | 25 | 21 | 25 | 20 | 17 | 18 | 15 | 13 | 12 | 10 | 9 | 7 |
| 10 | 43 | 32 | 25 | 20 | 38 | 29 | 22 | 18 | 22 | 18 | 15 | 17 | 14 | 11 | 11 | 9 | 8 | 6 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|------|------|------|
| 0° | 5079 | 5079 | 5079 |
| 5° | 5117 | 5117 | 5024 |
| 10° | 5082 | 5082 | 5025 |
| 15° | 5009 | 5047 | 4970 |
| 20° | 4832 | 4932 | 4813 |
| 25° | 4684 | 4847 | 4664 |
| 30° | 4559 | 4751 | 4537 |
| 35° | 4434 | 4660 | 4391 |
| 40° | 4307 | 4573 | 4307 |
| 45° | 4193 | 4457 | 4193 |
| 50° | 4066 | 4354 | 4066 |
| 55° | 3911 | 4234 | 3976 |
| 60° | 3780 | 4116 | 3855 |
| 65° | 3596 | 3990 | 3729 |
| 70° | 3416 | 3902 | 3630 |
| 75° | 3222 | 3726 | 3438 |
| 80° | 2777 | 3413 | 3099 |
| 85° | 1696 | 2981 | 2552 |



TEST NUMBER: P303208

CATALOG NUMBER: CTW-F-7525-30L935-UNV-STD-6

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 33.4 | 0.9 |
| 10°-20° | 94.2 | 2.4 |
| 20°-30° | 138.3 | 3.6 |
| 30°-40° | 162.1 | 4.2 |
| 40°-50° | 164.3 | 4.3 |
| 50°-60° | 146.4 | 3.8 |
| 60°-70° | 112.4 | 2.9 |
| 70°-80° | 66.7 | 1.7 |
| 80°-90° | 18.7 | 0.5 |
| 90°-100° | 30.6 | 0.8 |
| 100°-110° | 126.9 | 3.3 |
| 110°-120° | 356.6 | 9.2 |
| 120°-130° | 515.1 | 13.3 |
| 130°-140° | 553.9 | 14.4 |
| 140°-150° | 526.9 | 13.7 |
| 150°-160° | 432.5 | 11.2 |
| 160°-170° | 282.4 | 7.3 |
| 170°-180° | 97.9 | 2.5 |
| 0°-30° | 265.9 | 6.9 |
| 0°-40° | 428.0 | 11.1 |
| 0°-60° | 738.7 | 19.1 |
| 0°-90° | 936.5 | 24.3 |
| 90°-120° | 514.0 | 13.3 |
| 90°-150° | 2109.9 | 54.7 |
| 90°-180° | 2923.0 | 75.7 |
| 0°-180° | 3859.2 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|------|------|------|------|------|------|------|
| 0° | 354 | 354 | 354 | 354 | 354 | |
| 5° | 355 | 354 | 355 | 353 | 349 | 34 |
| 15° | 337 | 338 | 340 | 336 | 334 | 94 |
| 25° | 296 | 304 | 306 | 301 | 294 | 137 |
| 35° | 253 | 262 | 266 | 260 | 251 | 158 |
| 45° | 207 | 213 | 220 | 214 | 207 | 159 |
| 55° | 156 | 163 | 169 | 165 | 159 | 140 |
| 65° | 106 | 112 | 118 | 115 | 110 | 106 |
| 75° | 58 | 62 | 67 | 65 | 62 | 61 |
| 85° | 10 | 13 | 18 | 16 | 16 | 13 |
| 90° | 3 | 1 | 1 | 6 | 10 | 1 |
| 95° | 8 | 9 | 22 | 40 | 40 | 9 |
| 105° | 35 | 89 | 138 | 97 | 116 | 41 |
| 115° | 347 | 670 | 334 | 176 | 200 | 405 |
| 125° | 993 | 863 | 532 | 283 | 252 | 881 |
| 135° | 1090 | 975 | 701 | 465 | 371 | 841 |
| 145° | 1135 | 1059 | 833 | 647 | 557 | 712 |
| 155° | 1148 | 1091 | 939 | 802 | 736 | 531 |
| 165° | 1125 | 1090 | 1005 | 918 | 877 | 319 |
| 175° | 1069 | 1063 | 1038 | 1001 | 983 | 103 |
| 180° | 1031 | 1031 | 1031 | 1031 | 1031 | |



TEST NUMBER: P303208

CATALOG NUMBER: CTW-F-7525-30L935-UNV-STD-6

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 353.9 | 353.9 | 353.9 | 353.9 | 353.9 | 353.9 | 353.9 | 353.9 | 353.9 | 353.9 | 353.9 |
| 2.5° | 353.9 | 352.6 | 353.9 | 353.9 | 355.2 | 355.2 | 355.2 | 353.9 | 355.2 | 356.5 | 355.2 |
| 5° | 355.2 | 355.2 | 353.9 | 353.9 | 353.9 | 353.9 | 353.9 | 352.6 | 353.9 | 355.2 | 353.9 |
| 7.5° | 352.6 | 352.6 | 352.6 | 351.3 | 351.3 | 351.3 | 351.3 | 351.3 | 351.3 | 352.6 | 352.6 |
| 10° | 348.7 | 348.7 | 347.4 | 346.1 | 347.4 | 347.4 | 347.4 | 346.1 | 347.4 | 348.7 | 348.7 |
| 12.5° | 342.2 | 343.5 | 342.2 | 342.2 | 342.2 | 342.2 | 342.2 | 342.2 | 343.5 | 344.8 | 343.5 |
| 15° | 337.1 | 337.1 | 337.1 | 335.8 | 335.8 | 335.8 | 335.8 | 334.5 | 337.1 | 338.4 | 338.4 |
| 17.5° | 325.5 | 325.5 | 325.5 | 326.7 | 328.0 | 328.0 | 328.0 | 326.7 | 326.7 | 330.6 | 329.3 |
| 20° | 316.4 | 316.4 | 316.4 | 316.4 | 317.7 | 317.7 | 317.7 | 317.7 | 317.7 | 320.3 | 320.3 |
| 22.5° | 306.1 | 307.4 | 307.4 | 307.4 | 308.7 | 308.7 | 308.7 | 308.7 | 308.7 | 311.3 | 312.5 |
| 25° | 295.8 | 297.0 | 297.0 | 298.3 | 298.3 | 298.3 | 298.3 | 299.6 | 299.6 | 302.2 | 303.5 |
| 27.5° | 286.7 | 286.7 | 286.7 | 288.0 | 288.0 | 289.3 | 289.3 | 290.6 | 290.6 | 291.9 | 294.5 |
| 30° | 275.1 | 275.1 | 276.4 | 276.4 | 277.7 | 279.0 | 279.0 | 280.3 | 280.3 | 281.5 | 284.1 |
| 32.5° | 264.8 | 264.8 | 264.8 | 266.0 | 267.3 | 267.3 | 267.3 | 268.6 | 268.6 | 269.9 | 272.5 |
| 35° | 253.1 | 253.1 | 253.1 | 254.4 | 254.4 | 255.7 | 255.7 | 257.0 | 258.3 | 259.6 | 262.2 |
| 37.5° | 241.5 | 241.5 | 241.5 | 242.8 | 242.8 | 244.1 | 245.4 | 246.7 | 246.7 | 248.0 | 250.6 |
| 40° | 229.9 | 229.9 | 229.9 | 231.2 | 232.5 | 232.5 | 232.5 | 233.8 | 235.1 | 236.3 | 237.6 |
| 42.5° | 218.3 | 217.0 | 218.3 | 218.3 | 219.6 | 220.8 | 220.8 | 222.1 | 223.4 | 224.7 | 226.0 |
| 45° | 206.6 | 205.3 | 206.6 | 206.6 | 207.9 | 207.9 | 207.9 | 210.5 | 210.5 | 211.8 | 213.1 |
| 47.5° | 193.7 | 193.7 | 193.7 | 193.7 | 196.3 | 195.0 | 196.3 | 197.6 | 198.9 | 200.2 | 201.5 |
| 50° | 182.1 | 180.8 | 182.1 | 182.1 | 183.4 | 183.4 | 183.4 | 184.7 | 186.0 | 187.3 | 188.6 |
| 52.5° | 169.2 | 169.2 | 169.2 | 169.2 | 170.5 | 171.8 | 171.8 | 173.1 | 173.1 | 174.4 | 175.6 |
| 55° | 156.3 | 156.3 | 157.6 | 157.6 | 158.9 | 158.9 | 158.9 | 160.1 | 160.1 | 162.7 | 162.7 |
| 57.5° | 144.6 | 144.6 | 144.6 | 144.6 | 145.9 | 145.9 | 147.2 | 147.2 | 147.2 | 149.8 | 151.1 |
| 60° | 131.7 | 131.7 | 133.0 | 131.7 | 134.3 | 133.0 | 134.3 | 134.3 | 135.6 | 136.9 | 138.2 |
| 62.5° | 118.8 | 120.1 | 120.1 | 120.1 | 120.1 | 121.4 | 121.4 | 122.7 | 122.7 | 124.0 | 125.3 |
| 65° | 105.9 | 105.9 | 107.2 | 107.2 | 108.5 | 108.5 | 108.5 | 109.8 | 109.8 | 111.1 | 112.4 |
| 67.5° | 95.6 | 95.6 | 94.3 | 94.3 | 95.6 | 95.6 | 96.9 | 96.9 | 96.9 | 98.2 | 98.2 |
| 70° | 81.4 | 82.7 | 82.7 | 82.7 | 82.7 | 83.9 | 83.9 | 83.9 | 85.2 | 85.2 | 86.5 |
| 72.5° | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 71.0 | 71.0 | 71.0 | 72.3 | 72.3 | 73.6 |
| 75° | 58.1 | 56.8 | 58.1 | 56.8 | 58.1 | 58.1 | 58.1 | 59.4 | 59.4 | 59.4 | 62.0 |
| 77.5° | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 46.5 | 46.5 | 47.8 | 49.1 | 49.1 |
| 80° | 33.6 | 32.3 | 33.6 | 33.6 | 33.6 | 33.6 | 33.6 | 33.6 | 34.9 | 36.2 | 36.2 |
| 82.5° | 20.7 | 20.7 | 20.7 | 20.7 | 22.0 | 22.0 | 22.0 | 22.0 | 23.2 | 24.5 | 24.5 |
| 85° | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 11.6 | 11.6 | 12.9 | 12.9 |
| 87.5° | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 2.6 | 2.6 | 2.6 | 2.6 |
| 90° | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 1.3 |
| 92.5° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 5.2 | 5.2 | 3.9 | 5.2 | 5.2 | 5.2 |
| 95° | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 9.0 | 9.0 | 9.0 | 9.0 |
| 97.5° | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 14.2 | 14.2 | 15.5 | 16.8 |
| 100° | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 | 19.4 | 19.4 | 20.7 | 22.0 | 24.5 | 28.4 |
| 102.5° | 25.8 | 25.8 | 25.8 | 25.8 | 27.1 | 28.4 | 28.4 | 29.7 | 33.6 | 38.7 | 47.8 |
| 105° | 34.9 | 34.9 | 36.2 | 36.2 | 37.5 | 38.7 | 40.0 | 45.2 | 53.0 | 65.9 | 89.1 |
| 107.5° | 49.1 | 49.1 | 50.4 | 53.0 | 55.5 | 58.1 | 63.3 | 76.2 | 99.4 | 135.6 | 193.7 |
| 110° | 76.2 | 76.2 | 78.8 | 87.8 | 96.9 | 103.3 | 118.8 | 157.6 | 222.1 | 300.9 | 384.9 |



TEST NUMBER: P303208

CATALOG NUMBER: CTW-F-7525-30L935-UNV-STD-6

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 151.1 | 153.7 | 161.4 | 186.0 | 218.3 | 238.9 | 282.8 | 368.1 | 446.9 | 525.6 | 563.1 |
| 115° | 347.4 | 384.9 | 395.2 | 441.7 | 501.1 | 529.5 | 560.5 | 618.6 | 661.2 | 680.6 | 670.3 |
| 117.5° | 680.6 | 711.6 | 710.3 | 745.2 | 760.7 | 769.7 | 777.5 | 785.2 | 769.7 | 762.0 | 737.4 |
| 120° | 876.9 | 884.7 | 874.3 | 875.6 | 873.1 | 869.2 | 865.3 | 852.4 | 834.3 | 813.6 | 786.5 |
| 122.5° | 953.1 | 950.5 | 945.4 | 938.9 | 928.6 | 920.8 | 914.4 | 897.6 | 878.2 | 855.0 | 826.6 |
| 125° | 993.2 | 990.6 | 985.4 | 976.4 | 964.8 | 958.3 | 950.5 | 933.8 | 913.1 | 889.8 | 862.7 |
| 127.5° | 1024.2 | 1020.3 | 1015.1 | 1006.1 | 995.7 | 988.0 | 982.8 | 964.8 | 944.1 | 922.1 | 892.4 |
| 130° | 1048.7 | 1046.1 | 1039.7 | 1033.2 | 1021.6 | 1015.1 | 1008.7 | 993.2 | 969.9 | 949.3 | 926.0 |
| 132.5° | 1069.4 | 1068.1 | 1062.9 | 1056.4 | 1044.8 | 1038.4 | 1033.2 | 1017.7 | 995.7 | 973.8 | 953.1 |
| 135° | 1090.0 | 1087.4 | 1082.3 | 1075.8 | 1064.2 | 1059.0 | 1052.6 | 1039.7 | 1017.7 | 995.7 | 975.1 |
| 137.5° | 1105.5 | 1101.6 | 1097.8 | 1092.6 | 1081.0 | 1077.1 | 1070.7 | 1056.4 | 1037.1 | 1019.0 | 1000.9 |
| 140° | 1117.1 | 1113.3 | 1109.4 | 1105.5 | 1095.2 | 1091.3 | 1086.2 | 1071.9 | 1052.6 | 1037.1 | 1022.9 |
| 142.5° | 1127.5 | 1123.6 | 1121.0 | 1117.1 | 1108.1 | 1104.2 | 1100.4 | 1086.2 | 1069.4 | 1055.2 | 1043.5 |
| 145° | 1135.2 | 1131.4 | 1130.1 | 1126.2 | 1118.4 | 1114.6 | 1110.7 | 1096.5 | 1081.0 | 1066.8 | 1059.0 |
| 147.5° | 1140.4 | 1139.1 | 1136.5 | 1132.6 | 1126.2 | 1123.6 | 1119.7 | 1106.8 | 1090.0 | 1079.7 | 1070.7 |
| 150° | 1144.3 | 1144.3 | 1141.7 | 1139.1 | 1132.6 | 1130.1 | 1126.2 | 1113.3 | 1100.4 | 1091.3 | 1081.0 |
| 152.5° | 1148.1 | 1148.1 | 1145.6 | 1141.7 | 1136.5 | 1133.9 | 1128.8 | 1117.1 | 1105.5 | 1099.1 | 1087.4 |
| 155° | 1148.1 | 1149.4 | 1146.9 | 1141.7 | 1137.8 | 1133.9 | 1130.1 | 1118.4 | 1108.1 | 1102.9 | 1091.3 |
| 157.5° | 1145.6 | 1146.9 | 1143.0 | 1139.1 | 1135.2 | 1132.6 | 1127.5 | 1117.1 | 1109.4 | 1105.5 | 1093.9 |
| 160° | 1140.4 | 1141.7 | 1139.1 | 1135.2 | 1131.4 | 1130.1 | 1124.9 | 1115.9 | 1109.4 | 1105.5 | 1093.9 |
| 162.5° | 1133.9 | 1135.2 | 1133.9 | 1130.1 | 1127.5 | 1126.2 | 1121.0 | 1113.3 | 1106.8 | 1104.2 | 1093.9 |
| 165° | 1124.9 | 1126.2 | 1124.9 | 1121.0 | 1119.7 | 1117.1 | 1113.3 | 1105.5 | 1100.4 | 1100.4 | 1090.0 |
| 167.5° | 1113.3 | 1114.6 | 1113.3 | 1106.8 | 1106.8 | 1104.2 | 1102.9 | 1096.5 | 1093.9 | 1095.2 | 1087.4 |
| 170° | 1100.4 | 1101.6 | 1099.1 | 1095.2 | 1096.5 | 1093.9 | 1092.6 | 1088.7 | 1086.2 | 1087.4 | 1079.7 |
| 172.5° | 1086.2 | 1087.4 | 1086.2 | 1082.3 | 1083.6 | 1082.3 | 1081.0 | 1075.8 | 1074.5 | 1078.4 | 1071.9 |
| 175° | 1069.4 | 1069.4 | 1069.4 | 1065.5 | 1068.1 | 1066.8 | 1065.5 | 1062.9 | 1062.9 | 1066.8 | 1062.9 |
| 177.5° | 1048.7 | 1048.7 | 1050.0 | 1048.7 | 1051.3 | 1050.0 | 1050.0 | 1048.7 | 1048.7 | 1053.9 | 1050.0 |
| 180° | 1030.6 | 1030.6 | 1030.6 | 1030.6 | 1030.6 | 1030.6 | 1030.6 | 1030.6 | 1030.6 | 1030.6 | 1030.6 |



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CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 353.9 | 353.9 | 353.9 | 353.9 | 353.9 | 353.9 | 353.9 | 353.9 | 353.9 | 353.9 | 353.9 |
| 2.5° | 352.6 | 351.3 | 351.3 | 352.6 | 352.6 | 352.6 | 353.9 | 355.2 | 355.2 | 356.5 | 355.2 |
| 5° | 352.6 | 351.3 | 350.0 | 351.3 | 352.6 | 352.6 | 352.6 | 353.9 | 353.9 | 355.2 | 353.9 |
| 7.5° | 350.0 | 348.7 | 348.7 | 350.0 | 350.0 | 350.0 | 350.0 | 351.3 | 351.3 | 352.6 | 351.3 |
| 10° | 346.1 | 344.8 | 344.8 | 344.8 | 346.1 | 346.1 | 347.4 | 348.7 | 348.7 | 348.7 | 347.4 |
| 12.5° | 342.2 | 341.0 | 341.0 | 341.0 | 342.2 | 342.2 | 342.2 | 343.5 | 344.8 | 344.8 | 343.5 |
| 15° | 334.5 | 333.2 | 333.2 | 334.5 | 335.8 | 335.8 | 337.1 | 338.4 | 339.7 | 339.7 | 338.4 |
| 17.5° | 328.0 | 326.7 | 326.7 | 328.0 | 328.0 | 329.3 | 329.3 | 330.6 | 329.3 | 330.6 | 329.3 |
| 20° | 319.0 | 317.7 | 317.7 | 319.0 | 319.0 | 320.3 | 320.3 | 321.6 | 322.9 | 322.9 | 321.6 |
| 22.5° | 311.3 | 308.7 | 310.0 | 310.0 | 311.3 | 311.3 | 312.5 | 313.8 | 313.8 | 315.1 | 313.8 |
| 25° | 302.2 | 300.9 | 300.9 | 302.2 | 302.2 | 303.5 | 303.5 | 304.8 | 306.1 | 306.1 | 304.8 |
| 27.5° | 293.2 | 291.9 | 290.6 | 291.9 | 293.2 | 294.5 | 294.5 | 295.8 | 297.0 | 297.0 | 295.8 |
| 30° | 282.8 | 281.5 | 281.5 | 282.8 | 282.8 | 284.1 | 285.4 | 285.4 | 288.0 | 286.7 | 285.4 |
| 32.5° | 273.8 | 272.5 | 271.2 | 272.5 | 273.8 | 273.8 | 275.1 | 276.4 | 276.4 | 276.4 | 275.1 |
| 35° | 262.2 | 260.9 | 260.9 | 260.9 | 262.2 | 263.5 | 264.8 | 264.8 | 266.0 | 266.0 | 264.8 |
| 37.5° | 251.8 | 250.6 | 249.3 | 250.6 | 251.8 | 253.1 | 253.1 | 254.4 | 254.4 | 255.7 | 254.4 |
| 40° | 240.2 | 238.9 | 238.9 | 238.9 | 240.2 | 241.5 | 241.5 | 242.8 | 244.1 | 244.1 | 242.8 |
| 42.5° | 228.6 | 227.3 | 227.3 | 227.3 | 228.6 | 229.9 | 229.9 | 231.2 | 232.5 | 231.2 | 231.2 |
| 45° | 217.0 | 215.7 | 215.7 | 215.7 | 217.0 | 217.0 | 218.3 | 219.6 | 219.6 | 219.6 | 218.3 |
| 47.5° | 202.8 | 204.1 | 204.1 | 204.1 | 204.1 | 205.3 | 205.3 | 206.6 | 206.6 | 207.9 | 206.6 |
| 50° | 189.9 | 191.1 | 191.1 | 191.1 | 192.4 | 192.4 | 193.7 | 193.7 | 193.7 | 195.0 | 193.7 |
| 52.5° | 178.2 | 178.2 | 178.2 | 179.5 | 179.5 | 179.5 | 180.8 | 182.1 | 182.1 | 182.1 | 180.8 |
| 55° | 165.3 | 165.3 | 166.6 | 167.9 | 167.9 | 167.9 | 167.9 | 169.2 | 169.2 | 169.2 | 169.2 |
| 57.5° | 152.4 | 152.4 | 153.7 | 155.0 | 155.0 | 155.0 | 155.0 | 156.3 | 156.3 | 156.3 | 155.0 |
| 60° | 139.5 | 139.5 | 140.8 | 142.1 | 142.1 | 142.1 | 142.1 | 143.4 | 143.4 | 143.4 | 143.4 |
| 62.5° | 126.6 | 126.6 | 127.9 | 129.1 | 129.1 | 129.1 | 129.1 | 130.4 | 130.4 | 130.4 | 130.4 |
| 65° | 113.7 | 113.7 | 114.9 | 116.2 | 116.2 | 116.2 | 117.5 | 117.5 | 118.8 | 117.5 | 118.8 |
| 67.5° | 100.7 | 102.0 | 102.0 | 103.3 | 103.3 | 103.3 | 104.6 | 104.6 | 105.9 | 105.9 | 105.9 |
| 70° | 87.8 | 89.1 | 89.1 | 90.4 | 90.4 | 90.4 | 90.4 | 91.7 | 93.0 | 93.0 | 93.0 |
| 72.5° | 74.9 | 74.9 | 76.2 | 77.5 | 77.5 | 77.5 | 78.8 | 78.8 | 80.1 | 80.1 | 80.1 |
| 75° | 62.0 | 63.3 | 63.3 | 64.6 | 64.6 | 64.6 | 65.9 | 65.9 | 67.2 | 67.2 | 67.2 |
| 77.5° | 49.1 | 50.4 | 51.7 | 53.0 | 51.7 | 53.0 | 53.0 | 54.2 | 54.2 | 54.2 | 55.5 |
| 80° | 37.5 | 38.7 | 38.7 | 40.0 | 40.0 | 40.0 | 40.0 | 41.3 | 42.6 | 41.3 | 42.6 |
| 82.5° | 25.8 | 25.8 | 27.1 | 28.4 | 28.4 | 28.4 | 28.4 | 29.7 | 29.7 | 29.7 | 31.0 |
| 85° | 14.2 | 15.5 | 15.5 | 15.5 | 16.8 | 16.8 | 18.1 | 18.1 | 18.1 | 18.1 | 19.4 |
| 87.5° | 3.9 | 3.9 | 5.2 | 6.5 | 6.5 | 6.5 | 6.5 | 7.7 | 7.7 | 7.7 | 9.0 |
| 90° | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| 92.5° | 5.2 | 5.2 | 6.5 | 6.5 | 7.7 | 7.7 | 10.3 | 11.6 | 10.3 | 7.7 | 10.3 |
| 95° | 10.3 | 12.9 | 15.5 | 20.7 | 23.2 | 24.5 | 31.0 | 31.0 | 27.1 | 22.0 | 20.7 |
| 97.5° | 20.7 | 25.8 | 32.3 | 43.9 | 49.1 | 55.5 | 62.0 | 59.4 | 49.1 | 40.0 | 37.5 |
| 100° | 34.9 | 46.5 | 65.9 | 86.5 | 95.6 | 103.3 | 104.6 | 95.6 | 80.1 | 65.9 | 59.4 |
| 102.5° | 64.6 | 91.7 | 127.9 | 160.1 | 164.0 | 167.9 | 160.1 | 142.1 | 118.8 | 98.2 | 85.2 |
| 105° | 131.7 | 186.0 | 229.9 | 249.3 | 248.0 | 244.1 | 222.1 | 195.0 | 165.3 | 138.2 | 116.2 |
| 107.5° | 271.2 | 322.9 | 350.0 | 341.0 | 329.3 | 317.7 | 284.1 | 253.1 | 215.7 | 182.1 | 158.9 |
| 110° | 445.6 | 459.8 | 449.4 | 421.0 | 402.9 | 387.4 | 348.7 | 310.0 | 268.6 | 232.5 | 200.2 |



TEST NUMBER: P303208

CATALOG NUMBER: CTW-F-7525-30L935-UNV-STD-6

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 570.8 | 551.5 | 520.5 | 484.3 | 466.2 | 446.9 | 406.8 | 369.4 | 321.6 | 284.1 | 248.0 |
| 115° | 649.6 | 617.3 | 581.2 | 542.4 | 523.1 | 503.7 | 464.9 | 422.3 | 374.5 | 334.5 | 298.3 |
| 117.5° | 705.2 | 669.0 | 634.1 | 596.7 | 576.0 | 556.6 | 516.6 | 474.0 | 426.2 | 390.0 | 351.3 |
| 120° | 752.9 | 719.4 | 681.9 | 644.5 | 625.1 | 607.0 | 565.7 | 523.1 | 476.6 | 440.4 | 400.4 |
| 122.5° | 795.6 | 762.0 | 724.5 | 688.4 | 670.3 | 652.2 | 610.9 | 568.3 | 524.3 | 489.5 | 448.2 |
| 125° | 831.7 | 800.7 | 765.9 | 728.4 | 711.6 | 693.5 | 652.2 | 612.2 | 570.8 | 532.1 | 495.9 |
| 127.5° | 869.2 | 838.2 | 804.6 | 768.4 | 750.4 | 731.0 | 692.2 | 652.2 | 613.5 | 577.3 | 542.4 |
| 130° | 900.2 | 869.2 | 838.2 | 803.3 | 785.2 | 767.2 | 729.7 | 691.0 | 654.8 | 623.8 | 586.3 |
| 132.5° | 929.9 | 900.2 | 869.2 | 833.0 | 816.2 | 799.4 | 765.9 | 729.7 | 697.4 | 663.8 | 629.0 |
| 135° | 957.0 | 926.0 | 896.3 | 861.4 | 844.6 | 830.4 | 796.9 | 763.3 | 733.6 | 701.3 | 669.0 |
| 137.5° | 979.0 | 950.5 | 918.3 | 886.0 | 871.8 | 858.8 | 826.6 | 795.6 | 767.2 | 737.4 | 707.7 |
| 140° | 999.6 | 969.9 | 938.9 | 909.2 | 895.0 | 883.4 | 853.7 | 826.6 | 799.4 | 773.6 | 743.9 |
| 142.5° | 1019.0 | 988.0 | 957.0 | 929.9 | 918.3 | 906.6 | 880.8 | 855.0 | 829.1 | 805.9 | 777.5 |
| 145° | 1033.2 | 1003.5 | 973.8 | 949.3 | 940.2 | 928.6 | 902.8 | 880.8 | 857.6 | 833.0 | 808.5 |
| 147.5° | 1047.4 | 1019.0 | 991.9 | 968.6 | 959.6 | 949.3 | 926.0 | 906.6 | 884.7 | 862.7 | 838.2 |
| 150° | 1059.0 | 1030.6 | 1007.4 | 986.7 | 977.7 | 969.9 | 946.7 | 929.9 | 909.2 | 888.6 | 867.9 |
| 152.5° | 1065.5 | 1040.9 | 1019.0 | 1002.2 | 994.5 | 986.7 | 967.3 | 953.1 | 932.5 | 917.0 | 895.0 |
| 155° | 1069.4 | 1048.7 | 1029.3 | 1015.1 | 1008.7 | 1003.5 | 984.1 | 971.2 | 954.4 | 938.9 | 919.5 |
| 157.5° | 1073.2 | 1053.9 | 1037.1 | 1025.5 | 1020.3 | 1013.8 | 997.0 | 986.7 | 972.5 | 959.6 | 941.5 |
| 160° | 1074.5 | 1057.7 | 1043.5 | 1033.2 | 1029.3 | 1024.2 | 1010.0 | 1000.9 | 988.0 | 976.4 | 959.6 |
| 162.5° | 1074.5 | 1061.6 | 1048.7 | 1040.9 | 1037.1 | 1031.9 | 1020.3 | 1013.8 | 1002.2 | 991.9 | 977.7 |
| 165° | 1074.5 | 1062.9 | 1051.3 | 1046.1 | 1042.2 | 1039.7 | 1029.3 | 1022.9 | 1012.5 | 1004.8 | 993.2 |
| 167.5° | 1071.9 | 1061.6 | 1053.9 | 1050.0 | 1047.4 | 1043.5 | 1035.8 | 1030.6 | 1022.9 | 1017.7 | 1006.1 |
| 170° | 1066.8 | 1059.0 | 1051.3 | 1050.0 | 1048.7 | 1046.1 | 1039.7 | 1037.1 | 1031.9 | 1026.7 | 1017.7 |
| 172.5° | 1061.6 | 1053.9 | 1048.7 | 1048.7 | 1047.4 | 1046.1 | 1040.9 | 1040.9 | 1037.1 | 1034.5 | 1025.5 |
| 175° | 1051.3 | 1046.1 | 1042.2 | 1043.5 | 1043.5 | 1042.2 | 1039.7 | 1040.9 | 1039.7 | 1038.4 | 1033.2 |
| 177.5° | 1040.9 | 1037.1 | 1035.8 | 1038.4 | 1038.4 | 1038.4 | 1037.1 | 1040.9 | 1040.9 | 1042.2 | 1037.1 |
| 180° | 1030.6 | 1030.6 | 1030.6 | 1030.6 | 1030.6 | 1030.6 | 1030.6 | 1030.6 | 1030.6 | 1030.6 | 1030.6 |



TEST NUMBER: P303208

CATALOG NUMBER: CTW-F-7525-30L935-UNV-STD-6

CANDELA DISTRIBUTION (continued):

| | 100° | 105° | 110° | 112.5° | 115° | 120° | 125° | 130° | 135° | 140° | 145° |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 353.9 | 353.9 | 353.9 | 353.9 | 353.9 | 353.9 | 353.9 | 353.9 | 353.9 | 353.9 | 353.9 |
| 2.5° | 352.6 | 351.3 | 351.3 | 351.3 | 351.3 | 352.6 | 352.6 | 351.3 | 353.9 | 355.2 | 353.9 |
| 5° | 351.3 | 350.0 | 350.0 | 350.0 | 351.3 | 351.3 | 351.3 | 351.3 | 352.6 | 353.9 | 352.6 |
| 7.5° | 350.0 | 347.4 | 347.4 | 347.4 | 348.7 | 348.7 | 348.7 | 347.4 | 350.0 | 351.3 | 348.7 |
| 10° | 344.8 | 343.5 | 343.5 | 343.5 | 344.8 | 344.8 | 344.8 | 343.5 | 344.8 | 346.1 | 344.8 |
| 12.5° | 341.0 | 339.7 | 339.7 | 339.7 | 339.7 | 341.0 | 339.7 | 339.7 | 341.0 | 342.2 | 339.7 |
| 15° | 334.5 | 331.9 | 331.9 | 331.9 | 333.2 | 333.2 | 333.2 | 331.9 | 335.8 | 334.5 | 333.2 |
| 17.5° | 326.7 | 324.2 | 324.2 | 324.2 | 325.5 | 325.5 | 324.2 | 322.9 | 325.5 | 325.5 | 324.2 |
| 20° | 319.0 | 316.4 | 316.4 | 316.4 | 317.7 | 317.7 | 317.7 | 316.4 | 317.7 | 317.7 | 316.4 |
| 22.5° | 311.3 | 308.7 | 308.7 | 308.7 | 310.0 | 310.0 | 308.7 | 307.4 | 310.0 | 308.7 | 307.4 |
| 25° | 302.2 | 300.9 | 300.9 | 300.9 | 300.9 | 300.9 | 299.6 | 298.3 | 300.9 | 299.6 | 298.3 |
| 27.5° | 293.2 | 291.9 | 291.9 | 291.9 | 291.9 | 291.9 | 290.6 | 289.3 | 290.6 | 289.3 | 289.3 |
| 30° | 284.1 | 281.5 | 281.5 | 282.8 | 282.8 | 281.5 | 280.3 | 280.3 | 281.5 | 280.3 | 279.0 |
| 32.5° | 273.8 | 272.5 | 271.2 | 272.5 | 272.5 | 272.5 | 269.9 | 269.9 | 269.9 | 268.6 | 268.6 |
| 35° | 263.5 | 262.2 | 260.9 | 262.2 | 262.2 | 260.9 | 259.6 | 259.6 | 259.6 | 258.3 | 257.0 |
| 37.5° | 251.8 | 250.6 | 250.6 | 250.6 | 250.6 | 250.6 | 248.0 | 249.3 | 249.3 | 246.7 | 246.7 |
| 40° | 240.2 | 238.9 | 238.9 | 240.2 | 240.2 | 238.9 | 237.6 | 238.9 | 237.6 | 236.3 | 235.1 |
| 42.5° | 229.9 | 227.3 | 228.6 | 228.6 | 228.6 | 227.3 | 227.3 | 227.3 | 226.0 | 224.7 | 223.4 |
| 45° | 217.0 | 215.7 | 217.0 | 217.0 | 217.0 | 215.7 | 215.7 | 214.4 | 214.4 | 213.1 | 211.8 |
| 47.5° | 205.3 | 204.1 | 205.3 | 205.3 | 205.3 | 202.8 | 204.1 | 202.8 | 202.8 | 200.2 | 200.2 |
| 50° | 192.4 | 192.4 | 193.7 | 192.4 | 192.4 | 191.1 | 191.1 | 189.9 | 189.9 | 188.6 | 187.3 |
| 52.5° | 180.8 | 180.8 | 180.8 | 180.8 | 180.8 | 179.5 | 179.5 | 178.2 | 178.2 | 176.9 | 175.6 |
| 55° | 167.9 | 167.9 | 169.2 | 169.2 | 167.9 | 166.6 | 166.6 | 166.6 | 165.3 | 164.0 | 162.7 |
| 57.5° | 155.0 | 156.3 | 156.3 | 155.0 | 156.3 | 155.0 | 153.7 | 153.7 | 152.4 | 151.1 | 151.1 |
| 60° | 143.4 | 143.4 | 143.4 | 143.4 | 143.4 | 142.1 | 142.1 | 142.1 | 139.5 | 138.2 | 138.2 |
| 62.5° | 130.4 | 131.7 | 130.4 | 130.4 | 130.4 | 129.1 | 129.1 | 129.1 | 127.9 | 126.6 | 126.6 |
| 65° | 118.8 | 118.8 | 118.8 | 117.5 | 117.5 | 117.5 | 117.5 | 116.2 | 114.9 | 113.7 | 113.7 |
| 67.5° | 105.9 | 105.9 | 105.9 | 105.9 | 104.6 | 104.6 | 103.3 | 103.3 | 102.0 | 102.0 | 100.7 |
| 70° | 93.0 | 93.0 | 93.0 | 93.0 | 91.7 | 91.7 | 91.7 | 90.4 | 89.1 | 89.1 | 89.1 |
| 72.5° | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 78.8 | 78.8 | 77.5 | 77.5 | 77.5 | 76.2 |
| 75° | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 65.9 | 65.9 | 64.6 | 64.6 | 64.6 | 63.3 |
| 77.5° | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 53.0 | 53.0 | 53.0 | 51.7 | 51.7 |
| 80° | 42.6 | 42.6 | 41.3 | 42.6 | 41.3 | 41.3 | 41.3 | 41.3 | 40.0 | 40.0 | 38.7 |
| 82.5° | 29.7 | 31.0 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 28.4 | 28.4 | 28.4 | 27.1 |
| 85° | 19.4 | 19.4 | 19.4 | 18.1 | 18.1 | 18.1 | 16.8 | 16.8 | 15.5 | 16.8 | 15.5 |
| 87.5° | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 6.5 | 7.7 | 6.5 |
| 90° | 2.6 | 3.9 | 3.9 | 3.9 | 5.2 | 6.5 | 5.2 | 6.5 | 6.5 | 7.7 | 7.7 |
| 92.5° | 15.5 | 18.1 | 18.1 | 18.1 | 19.4 | 20.7 | 19.4 | 20.7 | 20.7 | 20.7 | 19.4 |
| 95° | 24.5 | 28.4 | 36.2 | 37.5 | 40.0 | 42.6 | 42.6 | 41.3 | 40.0 | 40.0 | 38.7 |
| 97.5° | 34.9 | 41.3 | 42.6 | 45.2 | 47.8 | 55.5 | 59.4 | 63.3 | 65.9 | 65.9 | 64.6 |
| 100° | 54.2 | 53.0 | 59.4 | 63.3 | 60.7 | 62.0 | 65.9 | 73.6 | 77.5 | 80.1 | 82.7 |
| 102.5° | 77.5 | 71.0 | 71.0 | 73.6 | 77.5 | 83.9 | 78.8 | 81.4 | 83.9 | 87.8 | 94.3 |
| 105° | 105.9 | 95.6 | 91.7 | 90.4 | 91.7 | 96.9 | 103.3 | 100.7 | 96.9 | 99.4 | 102.0 |
| 107.5° | 139.5 | 126.6 | 114.9 | 112.4 | 112.4 | 112.4 | 117.5 | 124.0 | 127.9 | 124.0 | 117.5 |
| 110° | 178.2 | 158.9 | 144.6 | 138.2 | 135.6 | 133.0 | 131.7 | 138.2 | 145.9 | 149.8 | 151.1 |



TEST NUMBER: P303208

CATALOG NUMBER: CTW-F-7525-30L935-UNV-STD-6

CANDELA DISTRIBUTION (continued):

| | 100° | 105° | 110° | 112.5° | 115° | 120° | 125° | 130° | 135° | 140° | 145° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 220.8 | 196.3 | 178.2 | 171.8 | 164.0 | 156.3 | 153.7 | 155.0 | 157.6 | 166.6 | 170.5 |
| 115° | 268.6 | 240.2 | 215.7 | 207.9 | 200.2 | 183.4 | 176.9 | 174.4 | 175.6 | 178.2 | 184.7 |
| 117.5° | 316.4 | 288.0 | 258.3 | 246.7 | 237.6 | 219.6 | 202.8 | 197.6 | 195.0 | 196.3 | 197.6 |
| 120° | 368.1 | 337.1 | 304.8 | 290.6 | 279.0 | 259.6 | 236.3 | 223.4 | 217.0 | 215.7 | 214.4 |
| 122.5° | 415.9 | 386.2 | 357.7 | 339.7 | 324.2 | 299.6 | 276.4 | 258.3 | 246.7 | 237.6 | 235.1 |
| 125° | 462.4 | 432.7 | 405.5 | 391.3 | 375.8 | 348.7 | 320.3 | 299.6 | 282.8 | 268.6 | 259.6 |
| 127.5° | 507.6 | 479.1 | 450.7 | 437.8 | 424.9 | 395.2 | 368.1 | 347.4 | 325.5 | 307.4 | 293.2 |
| 130° | 551.5 | 523.1 | 497.2 | 485.6 | 468.8 | 440.4 | 414.6 | 391.3 | 373.2 | 353.9 | 333.2 |
| 132.5° | 595.4 | 568.3 | 543.7 | 530.8 | 516.6 | 486.9 | 461.1 | 439.1 | 417.2 | 400.4 | 383.6 |
| 135° | 635.4 | 608.3 | 585.0 | 574.7 | 557.9 | 532.1 | 507.6 | 486.9 | 464.9 | 445.6 | 430.1 |
| 137.5° | 674.2 | 648.3 | 625.1 | 614.8 | 600.5 | 576.0 | 552.8 | 533.4 | 510.1 | 490.8 | 476.6 |
| 140° | 710.3 | 684.5 | 662.5 | 652.2 | 640.6 | 617.3 | 594.1 | 578.6 | 555.3 | 537.3 | 521.8 |
| 142.5° | 746.5 | 721.9 | 700.0 | 691.0 | 679.3 | 657.4 | 635.4 | 622.5 | 601.8 | 585.0 | 568.3 |
| 145° | 778.8 | 754.2 | 734.9 | 727.1 | 716.8 | 694.8 | 675.5 | 662.5 | 647.0 | 630.3 | 613.5 |
| 147.5° | 809.8 | 786.5 | 768.4 | 762.0 | 752.9 | 733.6 | 714.2 | 702.6 | 691.0 | 672.9 | 657.4 |
| 150° | 840.8 | 816.2 | 800.7 | 794.3 | 786.5 | 769.7 | 751.7 | 738.7 | 729.7 | 711.6 | 698.7 |
| 152.5° | 869.2 | 848.5 | 831.7 | 824.0 | 817.5 | 803.3 | 785.2 | 772.3 | 767.2 | 751.7 | 737.4 |
| 155° | 895.0 | 874.3 | 861.4 | 852.4 | 848.5 | 833.0 | 818.8 | 804.6 | 802.0 | 785.2 | 774.9 |
| 157.5° | 917.0 | 898.9 | 884.7 | 879.5 | 874.3 | 862.7 | 848.5 | 836.9 | 834.3 | 820.1 | 808.5 |
| 160° | 938.9 | 920.8 | 910.5 | 905.3 | 900.2 | 887.3 | 875.6 | 864.0 | 864.0 | 853.7 | 843.3 |
| 162.5° | 957.0 | 941.5 | 932.5 | 928.6 | 924.7 | 915.7 | 902.8 | 891.1 | 891.1 | 883.4 | 874.3 |
| 165° | 973.8 | 959.6 | 951.8 | 949.3 | 944.1 | 937.6 | 928.6 | 917.0 | 918.3 | 910.5 | 902.8 |
| 167.5° | 990.6 | 976.4 | 969.9 | 967.3 | 964.8 | 958.3 | 950.5 | 940.2 | 941.5 | 937.6 | 928.6 |
| 170° | 1003.5 | 990.6 | 985.4 | 982.8 | 981.5 | 976.4 | 971.2 | 962.2 | 963.5 | 960.9 | 953.1 |
| 172.5° | 1012.5 | 1002.2 | 999.6 | 997.0 | 997.0 | 993.2 | 989.3 | 981.5 | 982.8 | 984.1 | 975.1 |
| 175° | 1020.3 | 1011.2 | 1010.0 | 1008.7 | 1008.7 | 1007.4 | 1004.8 | 998.3 | 1000.9 | 1003.5 | 995.7 |
| 177.5° | 1026.7 | 1020.3 | 1020.3 | 1020.3 | 1020.3 | 1020.3 | 1019.0 | 1013.8 | 1016.4 | 1021.6 | 1013.8 |
| 180° | 1030.6 | 1030.6 | 1030.6 | 1030.6 | 1030.6 | 1030.6 | 1030.6 | 1030.6 | 1030.6 | 1030.6 | 1030.6 |



TEST NUMBER: P303208

CATALOG NUMBER: CTW-F-7525-30L935-UNV-STD-6

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|
| 0° | 353.9 | 353.9 | 353.9 | 353.9 | 353.9 | 353.9 | 353.9 | 353.9 |
| 2.5° | 353.9 | 353.9 | 353.9 | 353.9 | 353.9 | 351.3 | 350.0 | 348.7 |
| 5° | 352.6 | 352.6 | 351.3 | 351.3 | 352.6 | 351.3 | 350.0 | 348.7 |
| 7.5° | 348.7 | 348.7 | 348.7 | 348.7 | 350.0 | 348.7 | 347.4 | 348.7 |
| 10° | 344.8 | 344.8 | 343.5 | 343.5 | 344.8 | 344.8 | 343.5 | 344.8 |
| 12.5° | 339.7 | 339.7 | 338.4 | 339.7 | 339.7 | 339.7 | 339.7 | 339.7 |
| 15° | 333.2 | 331.9 | 331.9 | 331.9 | 333.2 | 333.2 | 333.2 | 334.5 |
| 17.5° | 324.2 | 324.2 | 322.9 | 324.2 | 325.5 | 324.2 | 322.9 | 322.9 |
| 20° | 316.4 | 315.1 | 315.1 | 315.1 | 316.4 | 315.1 | 315.1 | 315.1 |
| 22.5° | 307.4 | 306.1 | 306.1 | 306.1 | 307.4 | 306.1 | 304.8 | 304.8 |
| 25° | 297.0 | 297.0 | 297.0 | 297.0 | 297.0 | 295.8 | 294.5 | 294.5 |
| 27.5° | 288.0 | 288.0 | 286.7 | 288.0 | 286.7 | 285.4 | 284.1 | 284.1 |
| 30° | 277.7 | 277.7 | 276.4 | 277.7 | 276.4 | 275.1 | 273.8 | 273.8 |
| 32.5° | 267.3 | 266.0 | 266.0 | 267.3 | 266.0 | 264.8 | 263.5 | 263.5 |
| 35° | 255.7 | 255.7 | 255.7 | 255.7 | 254.4 | 253.1 | 251.8 | 250.6 |
| 37.5° | 245.4 | 244.1 | 244.1 | 244.1 | 242.8 | 241.5 | 241.5 | 241.5 |
| 40° | 233.8 | 232.5 | 232.5 | 233.8 | 231.2 | 229.9 | 229.9 | 229.9 |
| 42.5° | 222.1 | 222.1 | 220.8 | 220.8 | 219.6 | 218.3 | 217.0 | 217.0 |
| 45° | 209.2 | 210.5 | 209.2 | 209.2 | 207.9 | 206.6 | 205.3 | 206.6 |
| 47.5° | 197.6 | 197.6 | 197.6 | 197.6 | 196.3 | 195.0 | 193.7 | 195.0 |
| 50° | 186.0 | 186.0 | 186.0 | 186.0 | 183.4 | 183.4 | 182.1 | 182.1 |
| 52.5° | 174.4 | 174.4 | 173.1 | 173.1 | 171.8 | 171.8 | 170.5 | 170.5 |
| 55° | 161.4 | 161.4 | 161.4 | 161.4 | 160.1 | 158.9 | 158.9 | 158.9 |
| 57.5° | 149.8 | 149.8 | 148.5 | 148.5 | 147.2 | 147.2 | 145.9 | 147.2 |
| 60° | 136.9 | 136.9 | 136.9 | 136.9 | 135.6 | 135.6 | 134.3 | 134.3 |
| 62.5° | 125.3 | 124.0 | 124.0 | 124.0 | 122.7 | 122.7 | 122.7 | 122.7 |
| 65° | 112.4 | 112.4 | 111.1 | 112.4 | 111.1 | 111.1 | 109.8 | 109.8 |
| 67.5° | 100.7 | 99.4 | 99.4 | 99.4 | 99.4 | 98.2 | 98.2 | 98.2 |
| 70° | 87.8 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 85.2 | 86.5 |
| 72.5° | 74.9 | 74.9 | 74.9 | 74.9 | 73.6 | 73.6 | 73.6 | 73.6 |
| 75° | 63.3 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 |
| 77.5° | 51.7 | 50.4 | 50.4 | 50.4 | 50.4 | 49.1 | 49.1 | 49.1 |
| 80° | 38.7 | 38.7 | 38.7 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| 82.5° | 25.8 | 25.8 | 25.8 | 25.8 | 25.8 | 25.8 | 25.8 | 24.5 |
| 85° | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 |
| 87.5° | 6.5 | 6.5 | 6.5 | 6.5 | 7.7 | 7.7 | 7.7 | 7.7 |
| 90° | 7.7 | 7.7 | 9.0 | 9.0 | 9.0 | 9.0 | 10.3 | 10.3 |
| 92.5° | 20.7 | 20.7 | 22.0 | 22.0 | 20.7 | 20.7 | 22.0 | 22.0 |
| 95° | 40.0 | 40.0 | 40.0 | 40.0 | 38.7 | 38.7 | 40.0 | 40.0 |
| 97.5° | 64.6 | 63.3 | 64.6 | 63.3 | 62.0 | 62.0 | 62.0 | 60.7 |
| 100° | 85.2 | 85.2 | 86.5 | 86.5 | 86.5 | 86.5 | 87.8 | 86.5 |
| 102.5° | 96.9 | 98.2 | 99.4 | 99.4 | 100.7 | 102.0 | 102.0 | 102.0 |
| 105° | 104.6 | 105.9 | 108.5 | 109.8 | 113.7 | 114.9 | 116.2 | 116.2 |
| 107.5° | 120.1 | 120.1 | 121.4 | 122.7 | 122.7 | 124.0 | 125.3 | 125.3 |
| 110° | 148.5 | 143.4 | 142.1 | 142.1 | 139.5 | 139.5 | 140.8 | 142.1 |



TEST NUMBER: P303208

CATALOG NUMBER: CTW-F-7525-30L935-UNV-STD-6

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 174.4 | 175.6 | 175.6 | 176.9 | 171.8 | 169.2 | 170.5 | 170.5 |
| 115° | 191.1 | 193.7 | 193.7 | 196.3 | 196.3 | 197.6 | 200.2 | 200.2 |
| 117.5° | 202.8 | 206.6 | 207.9 | 209.2 | 213.1 | 214.4 | 217.0 | 217.0 |
| 120° | 217.0 | 219.6 | 220.8 | 222.1 | 223.4 | 224.7 | 226.0 | 227.3 |
| 122.5° | 235.1 | 233.8 | 235.1 | 235.1 | 236.3 | 237.6 | 237.6 | 238.9 |
| 125° | 255.7 | 254.4 | 253.1 | 254.4 | 251.8 | 250.6 | 250.6 | 251.8 |
| 127.5° | 284.1 | 279.0 | 276.4 | 273.8 | 272.5 | 271.2 | 269.9 | 268.6 |
| 130° | 320.3 | 312.5 | 307.4 | 306.1 | 299.6 | 295.8 | 293.2 | 294.5 |
| 132.5° | 368.1 | 356.5 | 351.3 | 348.7 | 337.1 | 330.6 | 328.0 | 328.0 |
| 135° | 415.9 | 402.9 | 397.8 | 391.3 | 383.6 | 377.1 | 370.7 | 370.7 |
| 137.5° | 461.1 | 452.0 | 445.6 | 439.1 | 431.4 | 424.9 | 418.4 | 417.2 |
| 140° | 506.3 | 495.9 | 489.5 | 484.3 | 477.9 | 471.4 | 464.9 | 468.8 |
| 142.5° | 552.8 | 541.1 | 534.7 | 533.4 | 524.3 | 517.9 | 514.0 | 515.3 |
| 145° | 598.0 | 586.3 | 581.2 | 578.6 | 570.8 | 563.1 | 559.2 | 556.6 |
| 147.5° | 643.2 | 632.8 | 627.7 | 625.1 | 617.3 | 609.6 | 605.7 | 604.4 |
| 150° | 685.8 | 676.7 | 671.6 | 667.7 | 662.5 | 656.1 | 648.3 | 648.3 |
| 152.5° | 727.1 | 718.1 | 711.6 | 711.6 | 706.5 | 698.7 | 691.0 | 694.8 |
| 155° | 764.6 | 756.8 | 752.9 | 751.7 | 746.5 | 740.0 | 733.6 | 736.2 |
| 157.5° | 800.7 | 791.7 | 789.1 | 786.5 | 783.9 | 778.8 | 772.3 | 774.9 |
| 160° | 835.6 | 827.9 | 825.3 | 822.7 | 820.1 | 814.9 | 808.5 | 809.8 |
| 162.5° | 869.2 | 864.0 | 858.8 | 857.6 | 856.3 | 849.8 | 843.3 | 844.6 |
| 165° | 897.6 | 892.4 | 888.6 | 887.3 | 887.3 | 882.1 | 875.6 | 876.9 |
| 167.5° | 924.7 | 918.3 | 915.7 | 913.1 | 914.4 | 910.5 | 905.3 | 907.9 |
| 170° | 949.3 | 945.4 | 942.8 | 941.5 | 942.8 | 937.6 | 933.8 | 935.0 |
| 172.5° | 972.5 | 969.9 | 967.3 | 966.0 | 968.6 | 964.8 | 959.6 | 960.9 |
| 175° | 993.2 | 990.6 | 989.3 | 988.0 | 989.3 | 984.1 | 981.5 | 982.8 |
| 177.5° | 1012.5 | 1011.2 | 1010.0 | 1008.7 | 1011.2 | 1004.8 | 999.6 | 1002.2 |
| 180° | 1030.6 | 1030.6 | 1030.6 | 1030.6 | 1030.6 | 1030.6 | 1030.6 | 1030.6 |

(END OF REPORT)