

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: FAIL-SAFE

Report Number: P735615

Luminaire Tested: **4APN6-34-B2750-W2D-3500K**

Issue Date: 1/5/2024



Test Information

Test Method: LM-79-08
Report Number: P735615
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P709119)
Test Lab: INNOVATION CENTER(G2)
Issue Date: 1/5/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: 4APN6-34-B2750-W2D-3500K
Description: 4FT 3400 AMBIENT LUMEN OUTPUT APN WITH BIO UP LEDS AT 3500K CCT

Light Source: -
Ballast/Driver: -

Summary

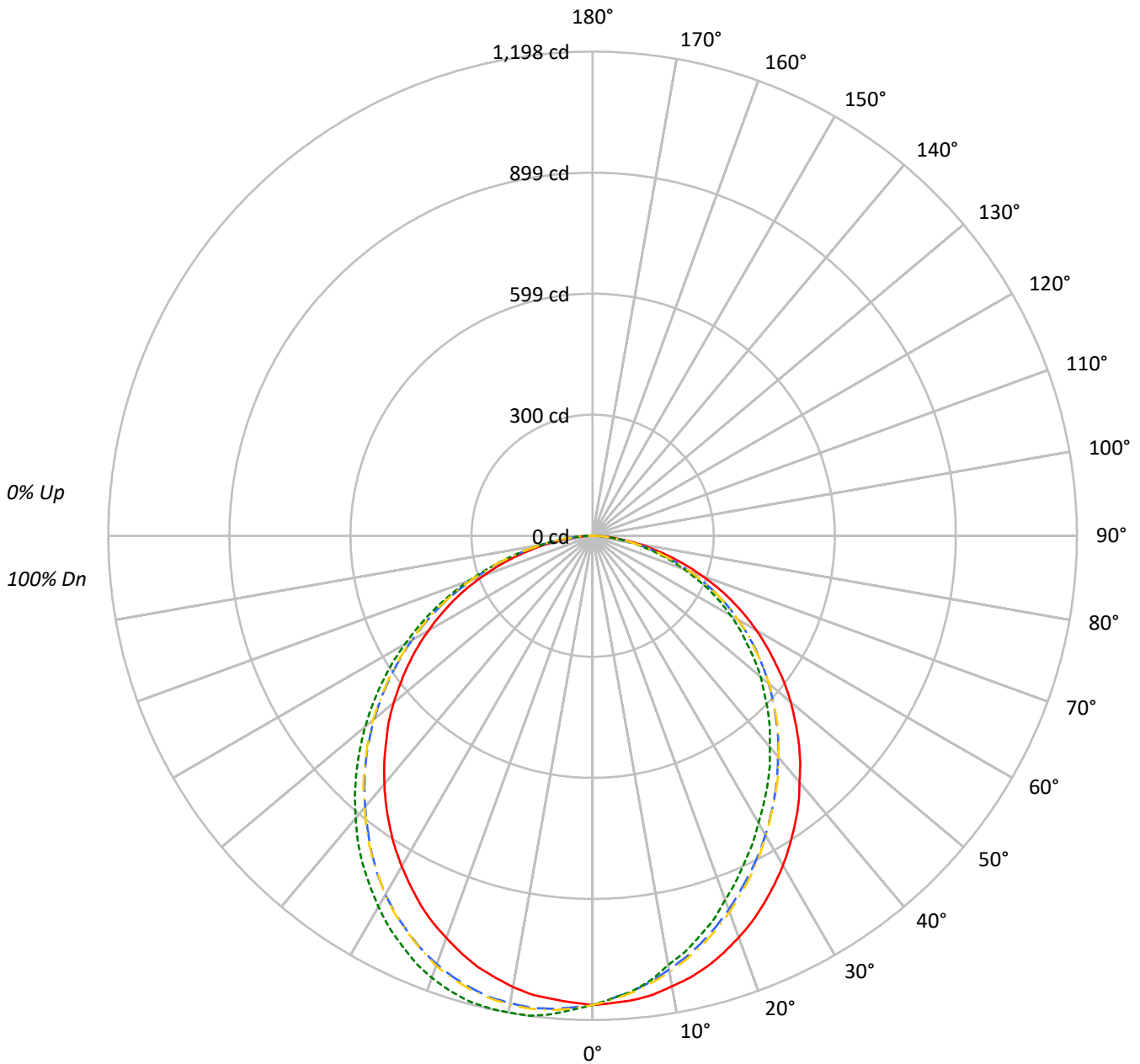
Lumens per Lamp: N/A
Luminaire Lumens: 3114.0 lumens
Efficiency: N/A
Efficacy: 72.9 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.21 / 1.33
Luminous Opening: Rectangular (W 0.29' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 42.7
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: P735615

CATALOG NUMBER: 4APN6-34-B2750-W2D-3500K

Luminous Intensity Polar Plot





TEST NUMBER: P735615

CATALOG NUMBER: 4APN6-34-B2750-W2D-3500K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|---|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|---|
| RF | 20 | | | | | | | | | 20 | | | | | | | | | 20 | | | | | | | | | 20 | | | | | | | | | |
| RC | 80 | | | | | | | | | 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 | | | | | | | | | | | | | | | | | | | |
| 1 | 109 | 104 | 100 | 96 | 106 | 102 | 98 | 95 | 98 | 94 | 92 | 94 | 91 | 89 | 90 | 88 | 86 | 84 | | | | | | | | | | | | | | | | | | | |
| 2 | 99 | 91 | 84 | 78 | 96 | 89 | 83 | 77 | 85 | 80 | 76 | 82 | 78 | 74 | 79 | 76 | 72 | 70 | | | | | | | | | | | | | | | | | | | |
| 3 | 90 | 80 | 72 | 65 | 88 | 78 | 71 | 65 | 75 | 69 | 64 | 73 | 67 | 62 | 70 | 65 | 61 | 59 | | | | | | | | | | | | | | | | | | | |
| 4 | 83 | 71 | 62 | 55 | 81 | 70 | 61 | 55 | 67 | 60 | 54 | 65 | 59 | 54 | 63 | 57 | 53 | 51 | | | | | | | | | | | | | | | | | | | |
| 5 | 76 | 63 | 54 | 48 | 74 | 62 | 54 | 48 | 60 | 53 | 47 | 58 | 52 | 47 | 56 | 51 | 46 | 44 | | | | | | | | | | | | | | | | | | | |
| 6 | 70 | 57 | 48 | 42 | 68 | 56 | 48 | 42 | 54 | 47 | 41 | 53 | 46 | 41 | 51 | 45 | 41 | 38 | | | | | | | | | | | | | | | | | | | |
| 7 | 65 | 52 | 43 | 37 | 64 | 51 | 43 | 37 | 49 | 42 | 37 | 48 | 41 | 36 | 47 | 41 | 36 | 34 | | | | | | | | | | | | | | | | | | | |
| 8 | 61 | 47 | 39 | 33 | 59 | 47 | 39 | 33 | 45 | 38 | 33 | 44 | 37 | 33 | 43 | 37 | 32 | 30 | | | | | | | | | | | | | | | | | | | |
| 9 | 57 | 43 | 35 | 30 | 55 | 43 | 35 | 30 | 42 | 35 | 30 | 41 | 34 | 29 | 40 | 34 | 29 | 27 | | | | | | | | | | | | | | | | | | | |
| 10 | 53 | 40 | 32 | 27 | 52 | 40 | 32 | 27 | 39 | 32 | 27 | 38 | 31 | 27 | 37 | 31 | 27 | 25 | | | | | | | | | | | | | | | | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 10713 | 10713 | 10713 | 10713 |
| 5° | 10681 | 10474 | 10656 | 11009 |
| 10° | 10606 | 10102 | 10619 | 11222 |
| 15° | 10526 | 9787 | 10539 | 11379 |
| 20° | 10382 | 9415 | 10394 | 11426 |
| 25° | 10215 | 9065 | 10255 | 11379 |
| 30° | 10032 | 8747 | 10060 | 11292 |
| 35° | 9823 | 8491 | 9866 | 11170 |
| 40° | 9586 | 8209 | 9651 | 10978 |
| 45° | 9407 | 8005 | 9426 | 10779 |
| 50° | 9182 | 7787 | 9218 | 10538 |
| 55° | 8894 | 7501 | 8956 | 10248 |
| 60° | 8628 | 7272 | 8654 | 9889 |
| 65° | 8285 | 6968 | 8285 | 9464 |
| 70° | 7723 | 6450 | 7691 | 8821 |
| 75° | 7023 | 5853 | 6930 | 7914 |
| 80° | 6073 | 5026 | 5866 | 6769 |
| 85° | 4732 | 3758 | 4457 | 5558 |



TEST NUMBER: P735615

CATALOG NUMBER: 4APN6-34-B2750-W2D-3500K

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 109.7 | 3.5 |
| 10°-20° | 311.4 | 10.0 |
| 20°-30° | 462.9 | 14.9 |
| 30°-40° | 545.6 | 17.5 |
| 40°-50° | 555.5 | 17.8 |
| 50°-60° | 494.9 | 15.9 |
| 60°-70° | 372.8 | 12.0 |
| 70°-80° | 207.3 | 6.7 |
| 80°-90° | 53.9 | 1.7 |
| 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° | 884.0 | 28.4 |
| 0°-40° | 1429.5 | 45.9 |
| 0°-60° | 2479.9 | 79.6 |
| 0°-90° | 3114.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 3114.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 1161 | 1161 | 1161 | 1161 | 1161 | |
| 5° | 1153 | 1131 | 1151 | 1189 | 1153 | 109 |
| 15° | 1102 | 1025 | 1103 | 1191 | 1102 | 310 |
| 25° | 1003 | 890 | 1007 | 1118 | 1003 | 462 |
| 35° | 872 | 754 | 876 | 992 | 872 | 546 |
| 45° | 721 | 614 | 722 | 826 | 721 | 556 |
| 55° | 553 | 466 | 557 | 637 | 553 | 495 |
| 65° | 380 | 319 | 380 | 434 | 380 | 375 |
| 75° | 197 | 164 | 194 | 222 | 197 | 209 |
| 85° | 45 | 36 | 42 | 52 | 45 | 54 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P735615

CATALOG NUMBER: 4APN6-34-B2750-W2D-3500K

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1161.1 | 1161.1 | 1161.1 | 1161.1 | 1161.1 | 1161.1 | 1161.1 | 1161.1 | 1161.1 | 1161.1 | 1161.1 |
| 2.5° | 1157.2 | 1157.2 | 1158.4 | 1153.3 | 1146.7 | 1144.0 | 1142.8 | 1141.4 | 1144.0 | 1145.3 | 1144.0 |
| 5° | 1153.3 | 1150.6 | 1147.9 | 1141.4 | 1133.5 | 1128.2 | 1125.6 | 1124.3 | 1127.0 | 1130.9 | 1127.0 |
| 7.5° | 1145.3 | 1140.1 | 1134.8 | 1125.6 | 1116.5 | 1108.5 | 1104.6 | 1102.0 | 1104.6 | 1108.5 | 1105.9 |
| 10° | 1132.1 | 1125.6 | 1117.8 | 1107.3 | 1094.1 | 1084.9 | 1081.0 | 1077.1 | 1078.3 | 1078.3 | 1078.3 |
| 12.5° | 1119.0 | 1109.9 | 1100.7 | 1087.6 | 1073.0 | 1062.6 | 1056.0 | 1050.8 | 1053.3 | 1054.7 | 1054.7 |
| 15° | 1102.0 | 1090.2 | 1077.1 | 1062.6 | 1048.2 | 1036.3 | 1028.5 | 1023.1 | 1024.6 | 1024.6 | 1025.8 |
| 17.5° | 1081.0 | 1067.9 | 1054.7 | 1037.7 | 1020.5 | 1007.4 | 998.3 | 991.7 | 994.2 | 995.6 | 996.9 |
| 20° | 1057.4 | 1042.9 | 1028.5 | 1010.0 | 991.7 | 977.2 | 968.0 | 960.1 | 958.9 | 958.9 | 960.1 |
| 22.5° | 1032.4 | 1016.6 | 999.5 | 979.8 | 960.1 | 944.3 | 935.1 | 927.3 | 926.0 | 926.0 | 927.3 |
| 25° | 1003.4 | 986.4 | 969.4 | 949.7 | 928.5 | 912.9 | 901.0 | 893.2 | 891.8 | 890.5 | 893.2 |
| 27.5° | 973.3 | 956.2 | 939.2 | 919.5 | 897.1 | 881.3 | 869.4 | 861.6 | 859.0 | 857.7 | 860.4 |
| 30° | 941.7 | 922.0 | 903.7 | 882.6 | 862.9 | 847.2 | 835.3 | 826.1 | 823.6 | 821.0 | 823.6 |
| 32.5° | 907.6 | 887.9 | 868.2 | 847.2 | 827.5 | 811.7 | 799.8 | 790.8 | 788.1 | 786.7 | 789.4 |
| 35° | 872.1 | 852.4 | 834.1 | 813.0 | 793.3 | 777.6 | 765.8 | 757.9 | 755.3 | 753.9 | 755.3 |
| 37.5° | 836.6 | 817.0 | 798.6 | 777.6 | 757.9 | 742.1 | 730.3 | 722.4 | 721.0 | 719.8 | 721.0 |
| 40° | 795.9 | 778.9 | 760.4 | 740.7 | 721.0 | 705.4 | 696.2 | 686.9 | 684.3 | 681.6 | 685.7 |
| 42.5° | 760.4 | 743.4 | 725.1 | 706.7 | 686.9 | 671.2 | 660.7 | 652.9 | 650.2 | 648.8 | 650.2 |
| 45° | 721.0 | 702.7 | 684.3 | 667.2 | 648.8 | 634.4 | 623.9 | 616.0 | 614.7 | 613.5 | 614.7 |
| 47.5° | 679.1 | 663.3 | 647.5 | 630.5 | 612.0 | 597.7 | 588.4 | 580.6 | 578.0 | 575.3 | 578.0 |
| 50° | 639.7 | 623.9 | 608.1 | 592.3 | 575.3 | 562.2 | 552.9 | 545.1 | 543.7 | 542.5 | 543.7 |
| 52.5° | 597.7 | 581.9 | 567.5 | 551.7 | 537.1 | 524.0 | 514.9 | 508.4 | 507.0 | 505.7 | 507.0 |
| 55° | 552.9 | 539.8 | 526.7 | 513.5 | 499.1 | 487.3 | 479.4 | 471.5 | 469.0 | 466.3 | 469.0 |
| 57.5° | 510.9 | 499.1 | 486.0 | 472.9 | 459.7 | 449.3 | 441.3 | 434.7 | 433.5 | 432.1 | 433.5 |
| 60° | 467.6 | 457.1 | 445.2 | 433.5 | 420.3 | 409.9 | 403.3 | 398.0 | 395.3 | 394.1 | 395.3 |
| 62.5° | 424.2 | 413.8 | 404.5 | 392.7 | 380.9 | 373.0 | 366.4 | 361.2 | 358.6 | 357.3 | 358.6 |
| 65° | 379.5 | 370.4 | 361.2 | 350.7 | 341.5 | 333.5 | 327.0 | 321.8 | 320.4 | 319.2 | 319.2 |
| 67.5° | 333.5 | 325.7 | 317.9 | 308.7 | 298.2 | 290.2 | 283.7 | 279.8 | 278.5 | 277.1 | 278.5 |
| 70° | 286.3 | 279.8 | 271.9 | 264.0 | 256.1 | 249.6 | 245.7 | 241.8 | 240.3 | 239.1 | 239.1 |
| 72.5° | 241.8 | 236.4 | 229.9 | 223.3 | 216.7 | 210.2 | 206.3 | 203.6 | 202.3 | 200.9 | 200.9 |
| 75° | 197.0 | 191.7 | 187.8 | 182.6 | 176.1 | 172.0 | 168.1 | 165.4 | 164.2 | 164.2 | 164.2 |
| 77.5° | 155.0 | 151.1 | 147.1 | 141.8 | 137.9 | 134.0 | 131.4 | 130.1 | 128.7 | 128.7 | 128.7 |
| 80° | 114.3 | 111.7 | 109.0 | 106.3 | 102.4 | 98.5 | 97.3 | 95.9 | 94.6 | 94.6 | 94.6 |
| 82.5° | 77.6 | 76.2 | 73.5 | 71.0 | 68.3 | 66.9 | 65.7 | 64.4 | 64.4 | 64.4 | 64.4 |
| 85° | 44.7 | 43.3 | 42.1 | 40.7 | 39.4 | 39.4 | 38.2 | 36.7 | 35.5 | 35.5 | 35.5 |
| 87.5° | 18.5 | 18.5 | 18.5 | 17.0 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 |
| 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: P735615

CATALOG NUMBER: 4APN6-34-B2750-W2D-3500K

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1161.1 | 1161.1 | 1161.1 | 1161.1 | 1161.1 | 1161.1 | 1161.1 | 1161.1 | 1161.1 | 1161.1 | 1161.1 |
| 2.5° | 1141.4 | 1144.0 | 1146.7 | 1150.6 | 1154.5 | 1158.4 | 1157.2 | 1155.9 | 1161.1 | 1167.6 | 1169.0 |
| 5° | 1124.3 | 1127.0 | 1130.9 | 1137.5 | 1144.0 | 1149.3 | 1150.6 | 1150.6 | 1161.1 | 1170.3 | 1173.0 |
| 7.5° | 1103.4 | 1107.3 | 1112.4 | 1119.0 | 1128.2 | 1136.2 | 1140.1 | 1145.3 | 1155.9 | 1167.6 | 1173.0 |
| 10° | 1077.1 | 1083.7 | 1091.5 | 1100.7 | 1109.9 | 1119.0 | 1127.0 | 1133.5 | 1146.7 | 1159.8 | 1167.6 |
| 12.5° | 1053.3 | 1059.9 | 1067.9 | 1078.3 | 1090.2 | 1102.0 | 1109.9 | 1119.0 | 1134.8 | 1150.6 | 1159.8 |
| 15° | 1027.1 | 1033.6 | 1042.9 | 1053.3 | 1066.5 | 1079.6 | 1091.5 | 1103.4 | 1119.0 | 1136.2 | 1146.7 |
| 17.5° | 998.3 | 1004.9 | 1013.9 | 1027.1 | 1041.6 | 1056.0 | 1069.1 | 1082.3 | 1100.7 | 1119.0 | 1130.9 |
| 20° | 962.8 | 972.0 | 983.7 | 996.9 | 1013.9 | 1031.1 | 1044.3 | 1058.6 | 1078.3 | 1098.1 | 1111.2 |
| 22.5° | 928.5 | 937.8 | 950.9 | 966.7 | 985.2 | 1003.4 | 1019.2 | 1035.0 | 1056.0 | 1075.7 | 1090.2 |
| 25° | 895.7 | 906.3 | 919.5 | 935.1 | 952.3 | 970.6 | 989.1 | 1007.4 | 1028.5 | 1049.4 | 1064.0 |
| 27.5° | 862.9 | 872.1 | 885.2 | 901.0 | 920.7 | 939.2 | 957.5 | 975.9 | 998.3 | 1020.5 | 1036.3 |
| 30° | 826.1 | 836.6 | 848.5 | 864.3 | 885.2 | 906.3 | 924.6 | 944.3 | 966.7 | 989.1 | 1004.9 |
| 32.5° | 792.0 | 801.3 | 813.0 | 828.8 | 849.7 | 870.8 | 890.5 | 911.5 | 932.6 | 954.8 | 970.6 |
| 35° | 757.9 | 767.0 | 778.9 | 794.7 | 815.6 | 836.6 | 856.3 | 876.0 | 897.1 | 918.1 | 933.9 |
| 37.5° | 723.7 | 732.9 | 744.8 | 760.4 | 780.1 | 801.3 | 819.6 | 839.3 | 860.4 | 881.3 | 895.7 |
| 40° | 688.2 | 697.4 | 706.7 | 722.4 | 742.1 | 763.1 | 781.6 | 801.3 | 822.2 | 843.2 | 857.7 |
| 42.5° | 652.9 | 661.9 | 673.8 | 689.6 | 707.9 | 726.4 | 744.8 | 763.1 | 782.8 | 802.5 | 817.0 |
| 45° | 617.4 | 625.2 | 637.1 | 651.5 | 669.9 | 686.9 | 705.4 | 722.4 | 742.1 | 760.4 | 775.0 |
| 47.5° | 580.6 | 588.4 | 597.7 | 612.0 | 630.5 | 648.8 | 667.2 | 684.3 | 701.3 | 719.8 | 732.9 |
| 50° | 545.1 | 552.9 | 563.4 | 576.5 | 593.7 | 610.8 | 626.6 | 642.2 | 659.4 | 676.5 | 688.2 |
| 52.5° | 508.4 | 516.2 | 525.4 | 538.5 | 552.9 | 568.7 | 583.1 | 598.9 | 614.7 | 630.5 | 642.2 |
| 55° | 471.5 | 476.8 | 484.6 | 496.5 | 512.3 | 528.1 | 542.5 | 556.8 | 571.4 | 584.5 | 596.3 |
| 57.5° | 434.7 | 441.3 | 450.5 | 461.0 | 474.1 | 487.3 | 500.4 | 513.5 | 526.7 | 539.8 | 550.3 |
| 60° | 398.0 | 403.3 | 409.9 | 418.9 | 432.1 | 443.9 | 457.1 | 469.0 | 480.7 | 492.6 | 501.8 |
| 62.5° | 359.8 | 365.1 | 371.7 | 380.9 | 391.4 | 401.9 | 413.8 | 424.2 | 434.7 | 445.2 | 454.4 |
| 65° | 320.4 | 325.7 | 332.3 | 340.1 | 349.3 | 358.6 | 369.0 | 379.5 | 387.5 | 395.3 | 404.5 |
| 67.5° | 279.8 | 285.1 | 291.6 | 298.2 | 306.0 | 315.2 | 324.5 | 333.5 | 341.5 | 349.3 | 355.9 |
| 70° | 240.3 | 244.3 | 250.8 | 256.1 | 262.7 | 269.3 | 277.1 | 285.1 | 290.2 | 296.8 | 304.8 |
| 72.5° | 202.3 | 206.3 | 211.4 | 216.7 | 220.6 | 226.0 | 233.8 | 240.3 | 246.9 | 254.9 | 258.8 |
| 75° | 165.4 | 168.1 | 172.0 | 176.1 | 180.0 | 183.9 | 189.2 | 194.4 | 199.7 | 203.6 | 208.9 |
| 77.5° | 128.7 | 131.4 | 135.3 | 137.9 | 140.6 | 143.2 | 147.1 | 151.1 | 155.0 | 157.6 | 162.9 |
| 80° | 94.6 | 97.3 | 99.8 | 102.4 | 105.1 | 107.7 | 109.0 | 110.4 | 115.6 | 119.5 | 122.1 |
| 82.5° | 64.4 | 65.7 | 66.9 | 69.6 | 71.0 | 72.2 | 73.5 | 73.5 | 76.2 | 78.8 | 82.7 |
| 85° | 36.7 | 38.2 | 39.4 | 39.4 | 39.4 | 39.4 | 40.7 | 42.1 | 43.3 | 46.0 | 48.6 |
| 87.5° | 14.4 | 14.4 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 17.0 | 19.7 | 21.0 |
| 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: P735615

CATALOG NUMBER: 4APN6-34-B2750-W2D-3500K

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1161.1 | 1161.1 | 1161.1 | 1161.1 | 1161.1 | 1161.1 | 1161.1 | 1161.1 | 1161.1 | 1161.1 | 1161.1 |
| 2.5° | 1167.6 | 1169.0 | 1171.5 | 1173.0 | 1174.2 | 1174.2 | 1175.6 | 1176.9 | 1174.2 | 1171.5 | 1170.3 |
| 5° | 1174.2 | 1175.6 | 1179.5 | 1183.4 | 1186.1 | 1188.7 | 1187.3 | 1186.1 | 1183.4 | 1179.5 | 1176.9 |
| 7.5° | 1175.6 | 1179.5 | 1183.4 | 1188.7 | 1192.7 | 1197.8 | 1195.3 | 1192.7 | 1187.3 | 1182.2 | 1178.1 |
| 10° | 1171.5 | 1176.9 | 1183.4 | 1190.0 | 1193.9 | 1197.8 | 1195.3 | 1192.7 | 1187.3 | 1180.8 | 1175.6 |
| 12.5° | 1166.4 | 1173.0 | 1180.8 | 1187.3 | 1191.3 | 1196.6 | 1192.7 | 1188.7 | 1182.2 | 1175.6 | 1169.0 |
| 15° | 1154.5 | 1162.5 | 1171.5 | 1179.5 | 1186.1 | 1191.3 | 1187.3 | 1184.7 | 1176.9 | 1167.6 | 1158.4 |
| 17.5° | 1140.1 | 1150.6 | 1159.8 | 1169.0 | 1174.2 | 1179.5 | 1176.9 | 1174.2 | 1165.0 | 1154.5 | 1144.0 |
| 20° | 1123.1 | 1133.5 | 1142.8 | 1151.8 | 1158.4 | 1163.7 | 1159.8 | 1155.9 | 1146.7 | 1137.5 | 1127.0 |
| 22.5° | 1102.0 | 1112.4 | 1123.1 | 1132.1 | 1138.7 | 1144.0 | 1138.7 | 1132.1 | 1123.1 | 1113.8 | 1103.4 |
| 25° | 1075.7 | 1087.6 | 1099.3 | 1108.5 | 1112.4 | 1117.8 | 1112.4 | 1107.3 | 1098.1 | 1088.8 | 1077.1 |
| 27.5° | 1049.4 | 1061.3 | 1073.0 | 1082.3 | 1086.2 | 1091.5 | 1086.2 | 1081.0 | 1071.8 | 1062.6 | 1050.8 |
| 30° | 1019.2 | 1031.1 | 1042.9 | 1052.1 | 1056.0 | 1059.9 | 1054.7 | 1049.4 | 1041.6 | 1032.4 | 1020.5 |
| 32.5° | 985.2 | 996.9 | 1006.1 | 1015.3 | 1020.5 | 1025.8 | 1020.5 | 1016.6 | 1007.4 | 995.6 | 983.7 |
| 35° | 948.2 | 960.1 | 972.0 | 981.1 | 986.4 | 991.7 | 985.2 | 978.6 | 970.6 | 961.4 | 950.9 |
| 37.5° | 907.6 | 920.7 | 933.9 | 944.3 | 948.2 | 953.6 | 948.2 | 941.7 | 933.9 | 924.6 | 912.9 |
| 40° | 869.4 | 881.3 | 893.2 | 903.7 | 907.6 | 911.5 | 906.3 | 901.0 | 891.8 | 882.6 | 870.8 |
| 42.5° | 830.2 | 841.9 | 852.4 | 861.6 | 865.5 | 870.8 | 865.5 | 859.0 | 852.4 | 844.6 | 834.1 |
| 45° | 788.1 | 799.8 | 809.1 | 818.3 | 822.2 | 826.1 | 821.0 | 814.4 | 807.8 | 801.3 | 790.8 |
| 47.5° | 744.8 | 755.3 | 764.5 | 773.6 | 776.2 | 780.1 | 775.0 | 771.1 | 764.5 | 757.9 | 748.7 |
| 50° | 700.1 | 710.6 | 719.8 | 727.6 | 730.3 | 734.2 | 729.0 | 723.7 | 718.5 | 713.2 | 705.4 |
| 52.5° | 654.1 | 663.3 | 672.6 | 680.4 | 683.0 | 685.7 | 680.4 | 675.1 | 669.9 | 664.6 | 656.8 |
| 55° | 606.9 | 616.0 | 625.2 | 631.7 | 634.4 | 637.1 | 631.7 | 627.8 | 622.5 | 618.6 | 610.8 |
| 57.5° | 559.5 | 568.7 | 576.5 | 583.1 | 585.8 | 588.4 | 583.1 | 578.0 | 574.0 | 570.0 | 563.4 |
| 60° | 510.9 | 520.1 | 526.7 | 532.0 | 534.6 | 535.9 | 530.6 | 526.7 | 524.0 | 521.5 | 514.9 |
| 62.5° | 463.6 | 470.2 | 476.8 | 480.7 | 483.3 | 484.6 | 480.7 | 478.0 | 475.5 | 472.9 | 467.6 |
| 65° | 413.8 | 421.6 | 426.9 | 430.8 | 432.1 | 433.5 | 429.6 | 426.9 | 424.2 | 421.6 | 417.7 |
| 67.5° | 363.9 | 370.4 | 374.4 | 378.3 | 379.5 | 379.5 | 379.5 | 378.3 | 375.6 | 371.7 | 367.8 |
| 70° | 313.8 | 319.2 | 323.1 | 325.7 | 327.0 | 327.0 | 324.5 | 321.8 | 321.8 | 320.4 | 317.9 |
| 72.5° | 262.7 | 266.6 | 269.3 | 271.9 | 271.9 | 271.9 | 271.9 | 273.2 | 271.9 | 269.3 | 265.4 |
| 75° | 214.1 | 218.0 | 220.6 | 222.0 | 222.0 | 222.0 | 222.0 | 223.3 | 222.0 | 220.6 | 218.0 |
| 77.5° | 168.1 | 170.8 | 172.0 | 173.4 | 173.4 | 173.4 | 174.7 | 176.1 | 174.7 | 173.4 | 172.0 |
| 80° | 124.8 | 126.0 | 127.4 | 128.7 | 127.4 | 127.4 | 128.7 | 131.4 | 130.1 | 128.7 | 127.4 |
| 82.5° | 85.4 | 86.6 | 88.0 | 88.0 | 89.3 | 90.7 | 90.7 | 90.7 | 90.7 | 89.3 | 88.0 |
| 85° | 51.3 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 53.8 | 55.2 | 55.2 | 53.8 | 53.8 |
| 87.5° | 23.6 | 25.0 | 23.6 | 22.4 | 21.0 | 21.0 | 23.6 | 26.3 | 26.3 | 25.0 | 25.0 |
| 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: P735615

CATALOG NUMBER: 4APN6-34-B2750-W2D-3500K

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|-------|--------|--------|--------|--------|
| 0° | 1161.1 | 1161.1 | 1161.1 | 1161.1 |
| 2.5° | 1171.5 | 1170.3 | 1163.7 | 1157.2 |
| 5° | 1175.6 | 1171.5 | 1162.5 | 1153.3 |
| 7.5° | 1175.6 | 1170.3 | 1157.2 | 1145.3 |
| 10° | 1169.0 | 1161.1 | 1146.7 | 1132.1 |
| 12.5° | 1161.1 | 1151.8 | 1134.8 | 1119.0 |
| 15° | 1149.3 | 1138.7 | 1120.4 | 1102.0 |
| 17.5° | 1132.1 | 1119.0 | 1100.7 | 1081.0 |
| 20° | 1115.1 | 1100.7 | 1078.3 | 1057.4 |
| 22.5° | 1091.5 | 1078.3 | 1054.7 | 1032.4 |
| 25° | 1065.2 | 1050.8 | 1027.1 | 1003.4 |
| 27.5° | 1037.7 | 1020.5 | 996.9 | 973.3 |
| 30° | 1006.1 | 989.1 | 965.4 | 941.7 |
| 32.5° | 972.0 | 956.2 | 932.6 | 907.6 |
| 35° | 937.8 | 920.7 | 897.1 | 872.1 |
| 37.5° | 899.8 | 884.0 | 860.4 | 836.6 |
| 40° | 859.0 | 843.2 | 819.6 | 795.9 |
| 42.5° | 821.0 | 806.4 | 782.8 | 760.4 |
| 45° | 778.9 | 764.5 | 742.1 | 721.0 |
| 47.5° | 735.6 | 721.0 | 700.1 | 679.1 |
| 50° | 693.5 | 679.1 | 659.4 | 639.7 |
| 52.5° | 646.3 | 634.4 | 616.0 | 597.7 |
| 55° | 600.3 | 588.4 | 570.0 | 552.9 |
| 57.5° | 554.3 | 543.7 | 526.7 | 510.9 |
| 60° | 505.7 | 495.2 | 482.1 | 467.6 |
| 62.5° | 459.7 | 450.5 | 437.4 | 424.2 |
| 65° | 411.1 | 403.3 | 391.4 | 379.5 |
| 67.5° | 361.2 | 354.7 | 344.2 | 333.5 |
| 70° | 311.3 | 303.4 | 295.5 | 286.3 |
| 72.5° | 261.5 | 257.4 | 249.6 | 241.8 |
| 75° | 214.1 | 210.2 | 203.6 | 197.0 |
| 77.5° | 169.5 | 165.4 | 160.3 | 155.0 |
| 80° | 124.8 | 122.1 | 118.2 | 114.3 |
| 82.5° | 86.6 | 84.1 | 81.5 | 77.6 |
| 85° | 52.5 | 49.9 | 47.2 | 44.7 |
| 87.5° | 23.6 | 22.4 | 19.7 | 18.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180° - - 45°-225° - - - - 90°-270° - · - · 135°-315°













(END OF REPORT)