

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: P245827

Luminaire Tested: **LSR8B15D010 EC8B15835 8LBSW0GPH**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P245827
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: LSR8B15D010 EC8B15835 8LBSW0GPH
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT- CYLINDEC
80 CRI 3500 CCT WITH GRAPHITE TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1429.0 lumens
Efficiency: N/A
Efficacy: 99.2 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

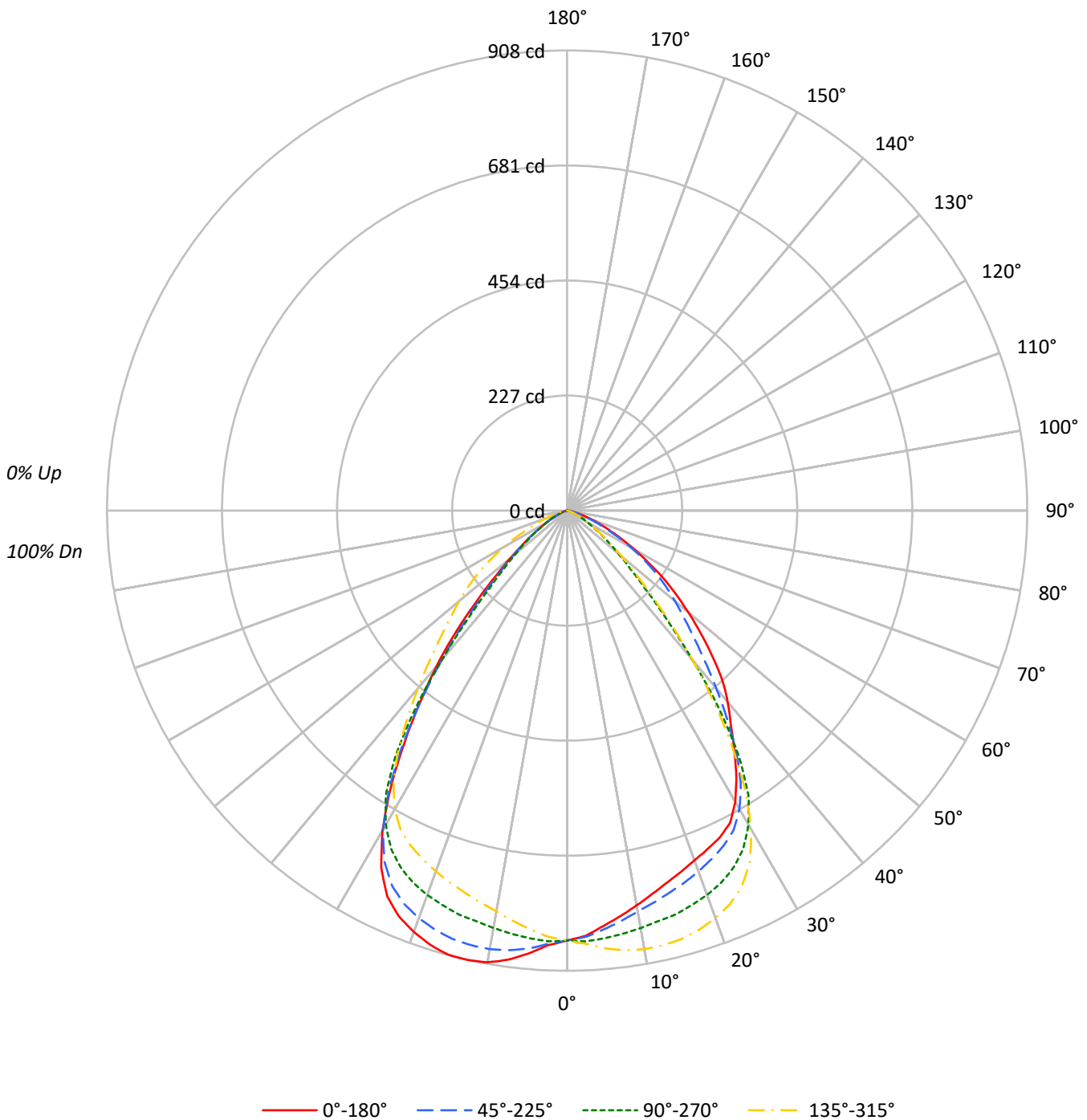
Input Watts (W): 14.4
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P245827

CATALOG NUMBER: LSR8B15D010 EC8B15835 8LBSW0GPH

Luminous Intensity Polar Plot





TEST NUMBER: P245827

CATALOG NUMBER: LSR8B15D010 EC8B15835 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 | 50 | 30 | 10 | 0 | | |
| RCR | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | | | | | 100 | | | |
| 1 | 112 | 109 | 106 | 103 | 109 | 106 | 104 | 101 | 102 | 100 | 98 | 99 | 97 | 95 | 95 | 94 | 92 | 90 | | | | | 90 | | | |
| 2 | 105 | 99 | 94 | 89 | 102 | 97 | 92 | 88 | 93 | 90 | 86 | 90 | 87 | 84 | 87 | 85 | 83 | 81 | | | | | 81 | | | |
| 3 | 98 | 90 | 83 | 78 | 95 | 88 | 82 | 78 | 85 | 80 | 76 | 83 | 79 | 75 | 80 | 77 | 74 | 72 | | | | | 72 | | | |
| 4 | 91 | 82 | 75 | 70 | 89 | 80 | 74 | 69 | 78 | 73 | 68 | 76 | 71 | 67 | 74 | 70 | 67 | 65 | | | | | 65 | | | |
| 5 | 85 | 75 | 68 | 62 | 83 | 74 | 67 | 62 | 72 | 66 | 61 | 70 | 65 | 61 | 68 | 64 | 60 | 58 | | | | | 58 | | | |
| 6 | 80 | 69 | 61 | 56 | 78 | 68 | 61 | 56 | 66 | 60 | 55 | 65 | 59 | 55 | 63 | 58 | 55 | 53 | | | | | 53 | | | |
| 7 | 75 | 63 | 56 | 51 | 73 | 63 | 56 | 51 | 61 | 55 | 50 | 60 | 54 | 50 | 59 | 54 | 50 | 48 | | | | | 48 | | | |
| 8 | 70 | 59 | 51 | 46 | 69 | 58 | 51 | 46 | 57 | 50 | 46 | 56 | 50 | 46 | 55 | 49 | 46 | 44 | | | | | 44 | | | |
| 9 | 66 | 54 | 47 | 42 | 65 | 54 | 47 | 42 | 53 | 47 | 42 | 52 | 46 | 42 | 51 | 46 | 42 | 40 | | | | | 40 | | | |
| 10 | 62 | 51 | 44 | 39 | 61 | 50 | 44 | 39 | 49 | 43 | 39 | 48 | 43 | 39 | 48 | 42 | 39 | 37 | | | | | 37 | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 26162 | 26162 | 26162 | 26162 |
| 5° | 25466 | 26221 | 27159 | 26221 |
| 10° | 24762 | 26186 | 28341 | 26186 |
| 15° | 24266 | 26344 | 28962 | 26344 |
| 20° | 24100 | 26492 | 29035 | 26492 |
| 25° | 24229 | 26440 | 28570 | 26440 |
| 30° | 23629 | 25473 | 25929 | 25473 |
| 35° | 21612 | 22221 | 21081 | 22221 |
| 40° | 19841 | 15458 | 16142 | 15458 |
| 45° | 17631 | 9428 | 10911 | 9428 |
| 50° | 14924 | 6299 | 6994 | 6299 |
| 55° | 12360 | 4296 | 4543 | 4296 |
| 60° | 9430 | 2862 | 2886 | 2862 |
| 65° | 6676 | 1780 | 1634 | 1780 |
| 70° | 4815 | 1190 | 1082 | 1190 |
| 75° | 3062 | 596 | 488 | 596 |
| 80° | 2131 | 444 | 373 | 444 |
| 85° | 1911 | 0 | 142 | 0 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 80.7 | 5.7 |
| 10°-20° | 233.8 | 16.4 |
| 20°-30° | 354.1 | 24.8 |
| 30°-40° | 354.9 | 24.8 |
| 40°-50° | 222.8 | 15.6 |
| 50°-60° | 118.8 | 8.3 |
| 60°-70° | 48.8 | 3.4 |
| 70°-80° | 12.9 | 0.9 |
| 80°-90° | 2.2 | 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° | 668.6 | 46.8 |
| 0°-40° | 1023.5 | 71.6 |
| 0°-60° | 1365.1 | 95.5 |
| 0°-90° | 1429.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1429.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|-----|-----|------|------|------|------|
| 0° | 848 | 848 | 848 | 848 | 848 | |
| 5° | 823 | 847 | 877 | 847 | 823 | 78 |
| 15° | 760 | 825 | 907 | 825 | 760 | 215 |
| 25° | 712 | 777 | 840 | 777 | 712 | 327 |
| 35° | 574 | 590 | 560 | 590 | 574 | 360 |
| 45° | 404 | 216 | 250 | 216 | 404 | 311 |
| 55° | 230 | 80 | 84 | 80 | 230 | 205 |
| 65° | 92 | 24 | 22 | 24 | 92 | 95 |
| 75° | 26 | 5 | 4 | 5 | 26 | 29 |
| 85° | 5 | 0 | 0 | 0 | 5 | 6 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P245827

CATALOG NUMBER: LSR8B15D010 EC8B15835 8LBSW0GPH

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 |
| 2.5° | 839.7 | 838.8 | 838.4 | 839.2 | 839.7 | 841.3 | 840.9 | 841.7 | 841.7 | 842.1 | 843.0 |
| 5° | 822.7 | 822.2 | 822.7 | 822.7 | 824.3 | 826.0 | 825.6 | 826.8 | 827.6 | 829.7 | 830.5 |
| 7.5° | 806.9 | 806.9 | 806.5 | 808.2 | 809.0 | 811.5 | 811.1 | 813.1 | 814.4 | 816.5 | 819.3 |
| 10° | 790.8 | 790.8 | 791.2 | 792.4 | 792.9 | 796.6 | 796.6 | 799.5 | 801.1 | 803.2 | 806.9 |
| 12.5° | 775.0 | 775.0 | 777.5 | 776.7 | 778.3 | 781.2 | 782.5 | 785.4 | 787.9 | 792.0 | 795.8 |
| 15° | 760.1 | 760.1 | 761.0 | 763.0 | 764.3 | 768.0 | 770.1 | 773.4 | 776.3 | 780.4 | 785.8 |
| 17.5° | 747.3 | 746.9 | 747.3 | 749.8 | 752.3 | 755.6 | 757.2 | 761.4 | 764.3 | 769.6 | 774.6 |
| 20° | 734.4 | 735.3 | 735.3 | 737.3 | 739.0 | 743.1 | 744.8 | 749.4 | 752.7 | 757.6 | 763.4 |
| 22.5° | 723.3 | 722.8 | 722.8 | 725.7 | 727.0 | 730.7 | 732.4 | 736.5 | 740.2 | 744.4 | 749.8 |
| 25° | 712.1 | 711.2 | 712.9 | 713.3 | 714.1 | 718.3 | 719.5 | 722.4 | 726.2 | 729.9 | 735.3 |
| 27.5° | 695.5 | 694.7 | 695.1 | 696.7 | 698.0 | 701.3 | 702.1 | 705.0 | 707.9 | 711.2 | 715.8 |
| 30° | 663.6 | 662.8 | 662.4 | 665.3 | 666.5 | 669.0 | 670.2 | 675.2 | 676.0 | 679.8 | 683.1 |
| 32.5° | 621.3 | 620.9 | 621.8 | 624.2 | 625.5 | 628.8 | 630.5 | 633.4 | 635.4 | 637.5 | 640.8 |
| 35° | 574.1 | 573.3 | 574.1 | 576.6 | 576.6 | 579.5 | 580.8 | 582.0 | 581.6 | 582.0 | 581.2 |
| 37.5° | 530.2 | 529.8 | 530.2 | 531.5 | 530.2 | 531.5 | 530.2 | 527.7 | 523.2 | 518.2 | 513.2 |
| 40° | 492.9 | 493.3 | 490.9 | 492.5 | 488.0 | 487.1 | 482.6 | 476.4 | 467.3 | 457.3 | 443.2 |
| 42.5° | 453.2 | 451.9 | 450.3 | 451.1 | 447.4 | 444.5 | 437.0 | 429.2 | 417.5 | 401.0 | 384.0 |
| 45° | 404.3 | 403.9 | 403.1 | 402.6 | 400.2 | 397.3 | 391.0 | 381.9 | 369.1 | 352.1 | 331.8 |
| 47.5° | 356.7 | 355.4 | 355.4 | 355.8 | 352.9 | 352.5 | 347.5 | 339.7 | 328.5 | 311.9 | 290.8 |
| 50° | 311.1 | 310.7 | 311.5 | 313.2 | 311.1 | 310.3 | 307.0 | 301.6 | 291.6 | 277.5 | 257.6 |
| 52.5° | 270.1 | 269.7 | 270.5 | 272.6 | 271.7 | 272.6 | 269.3 | 265.1 | 258.5 | 244.8 | 227.4 |
| 55° | 229.9 | 229.9 | 229.9 | 232.4 | 232.4 | 232.4 | 230.7 | 228.3 | 222.0 | 212.1 | 195.9 |
| 57.5° | 188.1 | 188.5 | 191.0 | 191.4 | 191.0 | 191.8 | 191.4 | 188.9 | 184.8 | 177.7 | 165.3 |
| 60° | 152.9 | 152.9 | 154.1 | 155.3 | 154.9 | 155.3 | 155.3 | 154.1 | 150.0 | 144.2 | 134.2 |
| 62.5° | 121.0 | 122.2 | 121.4 | 122.2 | 123.9 | 122.2 | 121.4 | 120.5 | 117.6 | 113.9 | 105.6 |
| 65° | 91.5 | 92.4 | 92.4 | 92.8 | 92.0 | 92.4 | 90.7 | 89.5 | 87.8 | 83.7 | 78.3 |
| 67.5° | 69.6 | 69.6 | 69.6 | 69.6 | 69.2 | 68.8 | 68.4 | 67.1 | 64.2 | 62.6 | 56.7 |
| 70° | 53.4 | 50.9 | 50.9 | 50.9 | 50.9 | 51.4 | 50.1 | 48.5 | 47.6 | 44.7 | 40.6 |
| 72.5° | 35.6 | 36.5 | 35.6 | 35.6 | 34.8 | 35.2 | 33.6 | 32.7 | 31.9 | 30.2 | 27.8 |
| 75° | 25.7 | 23.6 | 24.4 | 24.9 | 23.6 | 24.4 | 22.8 | 21.1 | 21.1 | 19.9 | 18.6 |
| 77.5° | 16.6 | 16.2 | 16.6 | 17.0 | 16.6 | 16.2 | 15.3 | 14.5 | 14.5 | 14.1 | 12.8 |
| 80° | 12.0 | 11.6 | 11.6 | 11.6 | 11.2 | 11.6 | 10.8 | 10.8 | 9.9 | 9.5 | 8.7 |
| 82.5° | 7.9 | 7.9 | 7.5 | 7.9 | 7.5 | 7.9 | 6.6 | 6.6 | 6.6 | 6.2 | 5.4 |
| 85° | 5.4 | 4.6 | 4.6 | 5.0 | 4.1 | 5.0 | 4.6 | 4.1 | 3.7 | 3.7 | 3.3 |
| 87.5° | 2.5 | 2.9 | 2.5 | 2.9 | 2.5 | 2.5 | 2.9 | 2.5 | 2.5 | 1.7 | 1.7 |
| 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: P245827

CATALOG NUMBER: LSR8B15D010 EC8B15835 8LBSW0GPH

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 |
| 2.5° | 844.2 | 844.6 | 844.6 | 846.3 | 847.1 | 847.5 | 847.5 | 850.8 | 849.6 | 850.4 | 851.3 |
| 5° | 832.2 | 834.7 | 835.5 | 835.5 | 840.1 | 841.7 | 843.4 | 847.1 | 847.5 | 850.0 | 852.9 |
| 7.5° | 820.6 | 823.5 | 825.2 | 828.9 | 831.8 | 834.7 | 839.7 | 842.1 | 844.6 | 847.9 | 851.7 |
| 10° | 809.4 | 812.7 | 816.0 | 818.9 | 823.5 | 827.2 | 830.5 | 836.3 | 839.2 | 843.8 | 848.8 |
| 12.5° | 798.7 | 803.2 | 806.1 | 811.1 | 816.0 | 819.3 | 824.3 | 829.7 | 834.3 | 838.8 | 844.6 |
| 15° | 789.1 | 794.5 | 797.8 | 803.2 | 808.6 | 813.1 | 818.5 | 825.2 | 828.5 | 833.9 | 839.2 |
| 17.5° | 778.8 | 784.6 | 788.7 | 793.7 | 800.3 | 805.3 | 809.8 | 816.5 | 820.6 | 826.4 | 832.6 |
| 20° | 768.0 | 773.8 | 778.8 | 783.7 | 790.4 | 795.3 | 800.7 | 807.3 | 811.9 | 817.7 | 822.7 |
| 22.5° | 755.2 | 760.5 | 765.9 | 771.7 | 778.3 | 782.5 | 788.7 | 794.5 | 799.5 | 804.9 | 809.8 |
| 25° | 738.6 | 745.2 | 749.4 | 754.7 | 760.1 | 764.7 | 771.3 | 777.1 | 781.2 | 786.2 | 790.8 |
| 27.5° | 719.1 | 724.1 | 727.4 | 732.0 | 737.3 | 741.5 | 746.4 | 752.3 | 756.4 | 761.0 | 764.3 |
| 30° | 686.0 | 690.5 | 693.4 | 696.7 | 702.1 | 705.9 | 710.0 | 715.4 | 718.3 | 721.6 | 724.5 |
| 32.5° | 642.5 | 646.2 | 647.9 | 650.3 | 654.1 | 657.8 | 661.1 | 665.7 | 666.9 | 669.0 | 669.0 |
| 35° | 579.5 | 580.3 | 579.9 | 580.8 | 582.4 | 584.5 | 587.4 | 590.3 | 591.9 | 591.9 | 590.7 |
| 37.5° | 505.8 | 500.8 | 495.4 | 491.3 | 490.0 | 489.2 | 490.9 | 492.1 | 493.8 | 494.6 | 492.5 |
| 40° | 429.2 | 418.0 | 405.9 | 395.2 | 387.7 | 384.4 | 383.2 | 384.0 | 384.0 | 386.9 | 386.9 |
| 42.5° | 363.3 | 345.9 | 328.1 | 311.9 | 301.1 | 292.9 | 289.1 | 289.1 | 289.5 | 291.6 | 292.9 |
| 45° | 308.6 | 286.6 | 265.9 | 248.1 | 233.2 | 222.4 | 217.5 | 216.2 | 215.8 | 216.6 | 219.5 |
| 47.5° | 266.8 | 244.0 | 222.4 | 200.5 | 184.8 | 174.0 | 169.4 | 167.8 | 166.1 | 167.8 | 168.2 |
| 50° | 234.0 | 210.4 | 187.7 | 165.7 | 149.1 | 139.6 | 133.8 | 131.3 | 130.9 | 130.9 | 131.7 |
| 52.5° | 204.2 | 182.3 | 159.5 | 137.1 | 119.7 | 110.6 | 105.2 | 104.0 | 102.3 | 104.0 | 104.0 |
| 55° | 176.0 | 154.1 | 131.7 | 110.6 | 96.1 | 86.6 | 81.6 | 79.9 | 79.1 | 80.4 | 80.4 |
| 57.5° | 145.4 | 126.8 | 106.1 | 87.0 | 72.5 | 65.9 | 62.1 | 60.1 | 59.6 | 60.5 | 59.6 |
| 60° | 119.3 | 103.6 | 85.7 | 68.4 | 57.2 | 50.1 | 47.2 | 46.4 | 45.6 | 46.4 | 46.4 |
| 62.5° | 94.4 | 81.2 | 66.7 | 53.4 | 43.9 | 38.9 | 35.6 | 35.6 | 35.2 | 35.2 | 35.6 |
| 65° | 70.0 | 59.6 | 49.3 | 38.1 | 30.7 | 26.9 | 24.4 | 24.4 | 24.0 | 24.4 | 24.0 |
| 67.5° | 50.9 | 43.9 | 35.6 | 27.8 | 22.0 | 19.9 | 18.2 | 17.0 | 17.8 | 17.0 | 16.6 |
| 70° | 37.3 | 31.5 | 25.7 | 21.1 | 17.0 | 14.9 | 13.7 | 13.2 | 12.4 | 12.4 | 12.4 |
| 72.5° | 24.9 | 21.1 | 17.4 | 13.7 | 11.2 | 9.1 | 8.7 | 7.9 | 7.0 | 7.5 | 8.3 |
| 75° | 16.6 | 14.1 | 12.4 | 9.9 | 7.5 | 7.5 | 5.0 | 5.0 | 4.1 | 5.0 | 3.7 |
| 77.5° | 11.6 | 9.5 | 7.5 | 6.2 | 5.0 | 4.6 | 3.3 | 3.3 | 2.9 | 2.9 | 2.9 |
| 80° | 8.3 | 7.0 | 5.4 | 4.6 | 3.3 | 3.3 | 2.9 | 2.5 | 2.1 | 2.1 | 2.5 |
| 82.5° | 5.0 | 3.7 | 3.7 | 3.3 | 2.1 | 1.7 | 1.2 | 1.7 | 0.8 | 0.8 | 0.8 |
| 85° | 2.9 | 2.5 | 2.1 | 1.2 | 0.8 | 0.8 | 0.4 | 0.0 | 0.4 | 0.4 | 0.0 |
| 87.5° | 1.7 | 0.8 | 0.8 | 0.4 | 0.0 | 0.4 | 0.4 | 0.0 | 0.0 | 0.0 | 0.8 |
| 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: P245827

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CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 |
| 2.5° | 853.3 | 852.9 | 853.7 | 853.7 | 856.2 | 855.8 | 857.0 | 857.0 | 856.2 | 856.6 | 858.3 |
| 5° | 856.2 | 857.5 | 859.9 | 862.0 | 865.7 | 867.4 | 869.5 | 871.6 | 872.0 | 873.2 | 874.5 |
| 7.5° | 856.2 | 860.4 | 863.3 | 867.0 | 872.0 | 874.9 | 879.4 | 883.2 | 884.8 | 886.9 | 889.4 |
| 10° | 854.6 | 858.7 | 864.1 | 868.2 | 874.5 | 879.0 | 883.6 | 889.4 | 891.8 | 895.2 | 898.5 |
| 12.5° | 851.3 | 855.8 | 861.6 | 867.0 | 874.0 | 878.2 | 884.0 | 889.4 | 893.1 | 897.6 | 901.4 |
| 15° | 846.3 | 851.7 | 857.0 | 862.4 | 869.9 | 874.9 | 880.3 | 886.5 | 890.2 | 895.2 | 898.5 |
| 17.5° | 838.4 | 844.2 | 849.2 | 854.1 | 861.2 | 867.0 | 872.0 | 877.8 | 881.5 | 885.6 | 890.2 |
| 20° | 828.9 | 834.3 | 839.7 | 843.8 | 850.8 | 855.8 | 861.2 | 866.6 | 869.5 | 870.3 | 877.4 |
| 22.5° | 816.9 | 820.6 | 824.7 | 831.4 | 835.5 | 840.1 | 845.0 | 850.0 | 852.9 | 857.5 | 859.9 |
| 25° | 797.0 | 800.7 | 805.3 | 808.2 | 813.1 | 816.9 | 821.8 | 827.2 | 828.9 | 832.2 | 834.7 |
| 27.5° | 769.2 | 771.3 | 773.4 | 775.9 | 778.8 | 780.8 | 783.7 | 786.2 | 787.9 | 789.5 | 791.2 |
| 30° | 725.3 | 725.3 | 725.3 | 723.7 | 724.9 | 726.2 | 726.6 | 726.2 | 726.2 | 725.7 | 725.7 |
| 32.5° | 667.3 | 664.0 | 660.3 | 657.0 | 655.7 | 654.1 | 653.2 | 652.0 | 649.9 | 648.7 | 649.1 |
| 35° | 589.0 | 581.6 | 577.0 | 572.9 | 569.6 | 567.1 | 565.8 | 564.6 | 564.2 | 562.5 | 560.9 |
| 37.5° | 491.3 | 485.9 | 482.6 | 480.1 | 477.2 | 474.7 | 475.1 | 475.5 | 476.8 | 476.0 | 476.4 |
| 40° | 387.7 | 386.5 | 387.7 | 384.8 | 384.0 | 384.8 | 386.9 | 389.8 | 391.5 | 393.1 | 396.0 |
| 42.5° | 294.9 | 297.0 | 299.9 | 299.9 | 301.1 | 302.8 | 305.3 | 309.9 | 312.3 | 315.2 | 318.5 |
| 45° | 222.0 | 224.5 | 228.3 | 229.5 | 230.3 | 232.4 | 235.3 | 239.0 | 240.7 | 243.2 | 246.1 |
| 47.5° | 171.1 | 172.7 | 174.8 | 176.9 | 178.9 | 179.8 | 182.7 | 182.7 | 184.8 | 186.4 | 187.2 |
| 50° | 133.4 | 135.0 | 136.7 | 137.9 | 138.8 | 140.0 | 140.8 | 142.1 | 142.5 | 143.3 | 143.7 |
| 52.5° | 104.4 | 106.5 | 106.5 | 107.3 | 108.5 | 109.8 | 109.4 | 109.8 | 110.2 | 110.2 | 111.4 |
| 55° | 81.6 | 81.6 | 82.8 | 82.8 | 83.7 | 83.3 | 83.7 | 83.7 | 83.7 | 83.7 | 84.1 |
| 57.5° | 60.9 | 61.3 | 62.6 | 61.7 | 61.3 | 62.1 | 61.3 | 62.1 | 61.7 | 62.6 | 61.3 |
| 60° | 46.8 | 46.8 | 47.2 | 47.2 | 47.6 | 47.6 | 47.6 | 47.2 | 47.2 | 46.8 | 46.8 |
| 62.5° | 35.2 | 35.6 | 36.0 | 35.6 | 35.6 | 35.6 | 35.2 | 35.2 | 34.8 | 34.4 | 34.4 |
| 65° | 23.6 | 23.2 | 24.0 | 23.2 | 23.6 | 23.6 | 23.2 | 23.6 | 22.4 | 22.8 | 22.4 |
| 67.5° | 17.0 | 16.6 | 16.2 | 16.6 | 16.2 | 15.7 | 15.7 | 16.2 | 16.6 | 15.3 | 15.3 |
| 70° | 11.2 | 11.6 | 11.2 | 11.6 | 12.0 | 12.0 | 11.6 | 11.2 | 11.6 | 10.8 | 11.2 |
| 72.5° | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.5 | 7.5 | 7.5 | 6.6 | 6.6 | 6.2 |
| 75° | 3.3 | 4.6 | 3.7 | 3.3 | 4.6 | 4.6 | 4.1 | 4.1 | 3.7 | 3.7 | 3.7 |
| 77.5° | 3.3 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.1 | 2.5 | 2.1 |
| 80° | 1.7 | 1.7 | 1.7 | 1.2 | 1.7 | 1.7 | 2.1 | 1.7 | 1.7 | 1.2 | 2.1 |
| 82.5° | 0.8 | 0.8 | 0.8 | 0.0 | 0.4 | 0.8 | 0.8 | 0.4 | 0.8 | 0.8 | 0.4 |
| 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: P245827

CATALOG NUMBER: LSR8B15D010 EC8B15835 8LBSW0GPH

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 |
| 2.5° | 857.9 | 857.5 | 857.9 | 858.3 | 857.9 | 857.5 | 857.9 | 858.3 | 856.6 | 856.2 | 857.0 |
| 5° | 876.1 | 876.1 | 876.9 | 877.4 | 876.9 | 876.1 | 876.1 | 874.5 | 873.2 | 872.0 | 871.6 |
| 7.5° | 891.8 | 892.7 | 893.5 | 893.9 | 893.5 | 892.7 | 891.8 | 889.4 | 886.9 | 884.8 | 883.2 |
| 10° | 901.4 | 902.6 | 904.3 | 905.1 | 904.3 | 902.6 | 901.4 | 898.5 | 895.2 | 891.8 | 889.4 |
| 12.5° | 905.5 | 906.8 | 908.8 | 908.4 | 908.8 | 906.8 | 905.5 | 901.4 | 897.6 | 893.1 | 889.4 |
| 15° | 902.6 | 904.3 | 906.3 | 907.2 | 906.3 | 904.3 | 902.6 | 898.5 | 895.2 | 890.2 | 886.5 |
| 17.5° | 893.5 | 896.0 | 897.2 | 898.5 | 897.2 | 896.0 | 893.5 | 890.2 | 885.6 | 881.5 | 877.8 |
| 20° | 881.1 | 882.7 | 884.4 | 884.8 | 884.4 | 882.7 | 881.1 | 877.4 | 870.3 | 869.5 | 866.6 |
| 22.5° | 863.3 | 864.5 | 868.2 | 867.0 | 868.2 | 864.5 | 863.3 | 859.9 | 857.5 | 852.9 | 850.0 |
| 25° | 837.6 | 838.8 | 839.2 | 839.7 | 839.2 | 838.8 | 837.6 | 834.7 | 832.2 | 828.9 | 827.2 |
| 27.5° | 793.3 | 793.3 | 794.1 | 794.5 | 794.1 | 793.3 | 793.3 | 791.2 | 789.5 | 787.9 | 786.2 |
| 30° | 726.2 | 726.2 | 726.2 | 728.2 | 726.2 | 726.2 | 726.2 | 725.7 | 725.7 | 726.2 | 726.2 |
| 32.5° | 648.7 | 647.9 | 647.0 | 647.9 | 647.0 | 647.9 | 648.7 | 649.1 | 648.7 | 649.9 | 652.0 |
| 35° | 560.9 | 560.5 | 561.7 | 560.0 | 561.7 | 560.5 | 560.9 | 560.9 | 562.5 | 564.2 | 564.6 |
| 37.5° | 476.8 | 476.0 | 477.6 | 476.0 | 477.6 | 476.0 | 476.8 | 476.4 | 476.0 | 476.8 | 475.5 |
| 40° | 396.8 | 397.7 | 397.7 | 401.0 | 397.7 | 397.7 | 396.8 | 396.0 | 393.1 | 391.5 | 389.8 |
| 42.5° | 320.2 | 322.7 | 321.9 | 324.3 | 321.9 | 322.7 | 320.2 | 318.5 | 315.2 | 312.3 | 309.9 |
| 45° | 247.7 | 249.4 | 249.4 | 250.2 | 249.4 | 249.4 | 247.7 | 246.1 | 243.2 | 240.7 | 239.0 |
| 47.5° | 190.1 | 190.1 | 190.1 | 190.6 | 190.1 | 190.1 | 190.1 | 187.2 | 186.4 | 184.8 | 182.7 |
| 50° | 144.6 | 145.0 | 145.4 | 145.8 | 145.4 | 145.0 | 144.6 | 143.7 | 143.3 | 142.5 | 142.1 |
| 52.5° | 111.0 | 111.4 | 110.6 | 111.4 | 110.6 | 111.4 | 111.0 | 111.4 | 110.2 | 110.2 | 109.8 |
| 55° | 84.1 | 83.7 | 84.1 | 84.5 | 84.1 | 83.7 | 84.1 | 84.1 | 83.7 | 83.7 | 83.7 |
| 57.5° | 61.7 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 61.7 | 61.3 | 62.6 | 61.7 | 62.1 |
| 60° | 46.0 | 46.4 | 46.4 | 46.8 | 46.4 | 46.4 | 46.0 | 46.8 | 46.8 | 47.2 | 47.2 |
| 62.5° | 34.0 | 35.2 | 34.4 | 35.2 | 34.4 | 35.2 | 34.0 | 34.4 | 34.4 | 34.8 | 35.2 |
| 65° | 22.0 | 22.0 | 22.0 | 22.4 | 22.0 | 22.0 | 22.0 | 22.4 | 22.8 | 22.4 | 23.6 |
| 67.5° | 14.9 | 15.3 | 16.2 | 15.7 | 16.2 | 15.3 | 14.9 | 15.3 | 15.3 | 16.6 | 16.2 |
| 70° | 12.0 | 10.8 | 10.8 | 12.0 | 10.8 | 10.8 | 12.0 | 11.2 | 10.8 | 11.6 | 11.2 |
| 72.5° | 7.0 | 6.2 | 7.0 | 7.0 | 7.0 | 6.2 | 7.0 | 6.2 | 6.6 | 6.6 | 7.5 |
| 75° | 3.7 | 3.3 | 2.9 | 4.1 | 2.9 | 3.3 | 3.7 | 3.7 | 3.7 | 3.7 | 4.1 |
| 77.5° | 2.5 | 2.1 | 2.9 | 2.9 | 2.9 | 2.1 | 2.5 | 2.1 | 2.5 | 2.1 | 2.5 |
| 80° | 1.2 | 1.7 | 1.2 | 2.1 | 1.2 | 1.7 | 1.2 | 2.1 | 1.2 | 1.7 | 1.7 |
| 82.5° | 0.4 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.4 | 0.4 | 0.8 | 0.8 | 0.4 |
| 85° | 0.0 | 0.8 | 0.4 | 0.4 | 0.4 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.4 | 0.0 | 0.0 | 0.4 | 0.0 | 0.0 | 0.4 | 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: P245827

CATALOG NUMBER: LSR8B15D010 EC8B15835 8LBSW0GPH

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 |
| 2.5° | 857.0 | 855.8 | 856.2 | 853.7 | 853.7 | 852.9 | 853.3 | 851.3 | 850.4 | 849.6 | 850.8 |
| 5° | 869.5 | 867.4 | 865.7 | 862.0 | 859.9 | 857.5 | 856.2 | 852.9 | 850.0 | 847.5 | 847.1 |
| 7.5° | 879.4 | 874.9 | 872.0 | 867.0 | 863.3 | 860.4 | 856.2 | 851.7 | 847.9 | 844.6 | 842.1 |
| 10° | 883.6 | 879.0 | 874.5 | 868.2 | 864.1 | 858.7 | 854.6 | 848.8 | 843.8 | 839.2 | 836.3 |
| 12.5° | 884.0 | 878.2 | 874.0 | 867.0 | 861.6 | 855.8 | 851.3 | 844.6 | 838.8 | 834.3 | 829.7 |
| 15° | 880.3 | 874.9 | 869.9 | 862.4 | 857.0 | 851.7 | 846.3 | 839.2 | 833.9 | 828.5 | 825.2 |
| 17.5° | 872.0 | 867.0 | 861.2 | 854.1 | 849.2 | 844.2 | 838.4 | 832.6 | 826.4 | 820.6 | 816.5 |
| 20° | 861.2 | 855.8 | 850.8 | 843.8 | 839.7 | 834.3 | 828.9 | 822.7 | 817.7 | 811.9 | 807.3 |
| 22.5° | 845.0 | 840.1 | 835.5 | 831.4 | 824.7 | 820.6 | 816.9 | 809.8 | 804.9 | 799.5 | 794.5 |
| 25° | 821.8 | 816.9 | 813.1 | 808.2 | 805.3 | 800.7 | 797.0 | 790.8 | 786.2 | 781.2 | 777.1 |
| 27.5° | 783.7 | 780.8 | 778.8 | 775.9 | 773.4 | 771.3 | 769.2 | 764.3 | 761.0 | 756.4 | 752.3 |
| 30° | 726.6 | 726.2 | 724.9 | 723.7 | 725.3 | 725.3 | 725.3 | 724.5 | 721.6 | 718.3 | 715.4 |
| 32.5° | 653.2 | 654.1 | 655.7 | 657.0 | 660.3 | 664.0 | 667.3 | 669.0 | 669.0 | 666.9 | 665.7 |
| 35° | 565.8 | 567.1 | 569.6 | 572.9 | 577.0 | 581.6 | 589.0 | 590.7 | 591.9 | 591.9 | 590.3 |
| 37.5° | 475.1 | 474.7 | 477.2 | 480.1 | 482.6 | 485.9 | 491.3 | 492.5 | 494.6 | 493.8 | 492.1 |
| 40° | 386.9 | 384.8 | 384.0 | 384.8 | 387.7 | 386.5 | 387.7 | 386.9 | 386.9 | 384.0 | 384.0 |
| 42.5° | 305.3 | 302.8 | 301.1 | 299.9 | 299.9 | 297.0 | 294.9 | 292.9 | 291.6 | 289.5 | 289.1 |
| 45° | 235.3 | 232.4 | 230.3 | 229.5 | 228.3 | 224.5 | 222.0 | 219.5 | 216.6 | 215.8 | 216.2 |
| 47.5° | 182.7 | 179.8 | 178.9 | 176.9 | 174.8 | 172.7 | 171.1 | 168.2 | 167.8 | 166.1 | 167.8 |
| 50° | 140.8 | 140.0 | 138.8 | 137.9 | 136.7 | 135.0 | 133.4 | 131.7 | 130.9 | 130.9 | 131.3 |
| 52.5° | 109.4 | 109.8 | 108.5 | 107.3 | 106.5 | 106.5 | 104.4 | 104.0 | 104.0 | 102.3 | 104.0 |
| 55° | 83.7 | 83.3 | 83.7 | 82.8 | 82.8 | 81.6 | 81.6 | 80.4 | 80.4 | 79.1 | 79.9 |
| 57.5° | 61.3 | 62.1 | 61.3 | 61.7 | 62.6 | 61.3 | 60.9 | 59.6 | 60.5 | 59.6 | 60.1 |
| 60° | 47.6 | 47.6 | 47.6 | 47.2 | 47.2 | 46.8 | 46.8 | 46.4 | 46.4 | 45.6 | 46.4 |
| 62.5° | 35.2 | 35.6 | 35.6 | 35.6 | 36.0 | 35.6 | 35.2 | 35.6 | 35.2 | 35.2 | 35.6 |
| 65° | 23.2 | 23.6 | 23.6 | 23.2 | 24.0 | 23.2 | 23.6 | 24.0 | 24.4 | 24.0 | 24.4 |
| 67.5° | 15.7 | 15.7 | 16.2 | 16.6 | 16.2 | 16.6 | 17.0 | 16.6 | 17.0 | 17.8 | 17.0 |
| 70° | 11.6 | 12.0 | 12.0 | 11.6 | 11.2 | 11.6 | 11.2 | 12.4 | 12.4 | 12.4 | 13.2 |
| 72.5° | 7.5 | 7.5 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 8.3 | 7.5 | 7.0 | 7.9 |
| 75° | 4.1 | 4.6 | 4.6 | 3.3 | 3.7 | 4.6 | 3.3 | 3.7 | 5.0 | 4.1 | 5.0 |
| 77.5° | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 3.3 | 2.9 | 2.9 | 2.9 | 3.3 |
| 80° | 2.1 | 1.7 | 1.7 | 1.2 | 1.7 | 1.7 | 1.7 | 2.5 | 2.1 | 2.1 | 2.5 |
| 82.5° | 0.8 | 0.8 | 0.4 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 1.7 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 0.4 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 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: P245827

CATALOG NUMBER: LSR8B15D010 EC8B15835 8LBSW0GPH

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 |
| 2.5° | 847.5 | 847.5 | 847.1 | 846.3 | 844.6 | 844.6 | 844.2 | 843.0 | 842.1 | 841.7 | 841.7 |
| 5° | 843.4 | 841.7 | 840.1 | 835.5 | 835.5 | 834.7 | 832.2 | 830.5 | 829.7 | 827.6 | 826.8 |
| 7.5° | 839.7 | 834.7 | 831.8 | 828.9 | 825.2 | 823.5 | 820.6 | 819.3 | 816.5 | 814.4 | 813.1 |
| 10° | 830.5 | 827.2 | 823.5 | 818.9 | 816.0 | 812.7 | 809.4 | 806.9 | 803.2 | 801.1 | 799.5 |
| 12.5° | 824.3 | 819.3 | 816.0 | 811.1 | 806.1 | 803.2 | 798.7 | 795.8 | 792.0 | 787.9 | 785.4 |
| 15° | 818.5 | 813.1 | 808.6 | 803.2 | 797.8 | 794.5 | 789.1 | 785.8 | 780.4 | 776.3 | 773.4 |
| 17.5° | 809.8 | 805.3 | 800.3 | 793.7 | 788.7 | 784.6 | 778.8 | 774.6 | 769.6 | 764.3 | 761.4 |
| 20° | 800.7 | 795.3 | 790.4 | 783.7 | 778.8 | 773.8 | 768.0 | 763.4 | 757.6 | 752.7 | 749.4 |
| 22.5° | 788.7 | 782.5 | 778.3 | 771.7 | 765.9 | 760.5 | 755.2 | 749.8 | 744.4 | 740.2 | 736.5 |
| 25° | 771.3 | 764.7 | 760.1 | 754.7 | 749.4 | 745.2 | 738.6 | 735.3 | 729.9 | 726.2 | 722.4 |
| 27.5° | 746.4 | 741.5 | 737.3 | 732.0 | 727.4 | 724.1 | 719.1 | 715.8 | 711.2 | 707.9 | 705.0 |
| 30° | 710.0 | 705.9 | 702.1 | 696.7 | 693.4 | 690.5 | 686.0 | 683.1 | 679.8 | 676.0 | 675.2 |
| 32.5° | 661.1 | 657.8 | 654.1 | 650.3 | 647.9 | 646.2 | 642.5 | 640.8 | 637.5 | 635.4 | 633.4 |
| 35° | 587.4 | 584.5 | 582.4 | 580.8 | 579.9 | 580.3 | 579.5 | 581.2 | 582.0 | 581.6 | 582.0 |
| 37.5° | 490.9 | 489.2 | 490.0 | 491.3 | 495.4 | 500.8 | 505.8 | 513.2 | 518.2 | 523.2 | 527.7 |
| 40° | 383.2 | 384.4 | 387.7 | 395.2 | 405.9 | 418.0 | 429.2 | 443.2 | 457.3 | 467.3 | 476.4 |
| 42.5° | 289.1 | 292.9 | 301.1 | 311.9 | 328.1 | 345.9 | 363.3 | 384.0 | 401.0 | 417.5 | 429.2 |
| 45° | 217.5 | 222.4 | 233.2 | 248.1 | 265.9 | 286.6 | 308.6 | 331.8 | 352.1 | 369.1 | 381.9 |
| 47.5° | 169.4 | 174.0 | 184.8 | 200.5 | 222.4 | 244.0 | 266.8 | 290.8 | 311.9 | 328.5 | 339.7 |
| 50° | 133.8 | 139.6 | 149.1 | 165.7 | 187.7 | 210.4 | 234.0 | 257.6 | 277.5 | 291.6 | 301.6 |
| 52.5° | 105.2 | 110.6 | 119.7 | 137.1 | 159.5 | 182.3 | 204.2 | 227.4 | 244.8 | 258.5 | 265.1 |
| 55° | 81.6 | 86.6 | 96.1 | 110.6 | 131.7 | 154.1 | 176.0 | 195.9 | 212.1 | 222.0 | 228.3 |
| 57.5° | 62.1 | 65.9 | 72.5 | 87.0 | 106.1 | 126.8 | 145.4 | 165.3 | 177.7 | 184.8 | 188.9 |
| 60° | 47.2 | 50.1 | 57.2 | 68.4 | 85.7 | 103.6 | 119.3 | 134.2 | 144.2 | 150.0 | 154.1 |
| 62.5° | 35.6 | 38.9 | 43.9 | 53.4 | 66.7 | 81.2 | 94.4 | 105.6 | 113.9 | 117.6 | 120.5 |
| 65° | 24.4 | 26.9 | 30.7 | 38.1 | 49.3 | 59.6 | 70.0 | 78.3 | 83.7 | 87.8 | 89.5 |
| 67.5° | 18.2 | 19.9 | 22.0 | 27.8 | 35.6 | 43.9 | 50.9 | 56.7 | 62.6 | 64.2 | 67.1 |
| 70° | 13.7 | 14.9 | 17.0 | 21.1 | 25.7 | 31.5 | 37.3 | 40.6 | 44.7 | 47.6 | 48.5 |
| 72.5° | 8.7 | 9.1 | 11.2 | 13.7 | 17.4 | 21.1 | 24.9 | 27.8 | 30.2 | 31.9 | 32.7 |
| 75° | 5.0 | 7.5 | 7.5 | 9.9 | 12.4 | 14.1 | 16.6 | 18.6 | 19.9 | 21.1 | 21.1 |
| 77.5° | 3.3 | 4.6 | 5.0 | 6.2 | 7.5 | 9.5 | 11.6 | 12.8 | 14.1 | 14.5 | 14.5 |
| 80° | 2.9 | 3.3 | 3.3 | 4.6 | 5.4 | 7.0 | 8.3 | 8.7 | 9.5 | 9.9 | 10.8 |
| 82.5° | 1.2 | 1.7 | 2.1 | 3.3 | 3.7 | 3.7 | 5.0 | 5.4 | 6.2 | 6.6 | 6.6 |
| 85° | 0.4 | 0.8 | 0.8 | 1.2 | 2.1 | 2.5 | 2.9 | 3.3 | 3.7 | 3.7 | 4.1 |
| 87.5° | 0.4 | 0.4 | 0.0 | 0.4 | 0.8 | 0.8 | 1.7 | 1.7 | 1.7 | 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: P245827

CATALOG NUMBER: LSR8B15D010 EC8B15835 8LBSW0GPH

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 | 848.4 |
| 2.5° | 840.9 | 841.3 | 839.7 | 839.2 | 838.4 | 838.8 | 839.7 |
| 5° | 825.6 | 826.0 | 824.3 | 822.7 | 822.7 | 822.2 | 822.7 |
| 7.5° | 811.1 | 811.5 | 809.0 | 808.2 | 806.5 | 806.9 | 806.9 |
| 10° | 796.6 | 796.6 | 792.9 | 792.4 | 791.2 | 790.8 | 790.8 |
| 12.5° | 782.5 | 781.2 | 778.3 | 776.7 | 777.5 | 775.0 | 775.0 |
| 15° | 770.1 | 768.0 | 764.3 | 763.0 | 761.0 | 760.1 | 760.1 |
| 17.5° | 757.2 | 755.6 | 752.3 | 749.8 | 747.3 | 746.9 | 747.3 |
| 20° | 744.8 | 743.1 | 739.0 | 737.3 | 735.3 | 735.3 | 734.4 |
| 22.5° | 732.4 | 730.7 | 727.0 | 725.7 | 722.8 | 722.8 | 723.3 |
| 25° | 719.5 | 718.3 | 714.1 | 713.3 | 712.9 | 711.2 | 712.1 |
| 27.5° | 702.1 | 701.3 | 698.0 | 696.7 | 695.1 | 694.7 | 695.5 |
| 30° | 670.2 | 669.0 | 666.5 | 665.3 | 662.4 | 662.8 | 663.6 |
| 32.5° | 630.5 | 628.8 | 625.5 | 624.2 | 621.8 | 620.9 | 621.3 |
| 35° | 580.8 | 579.5 | 576.6 | 576.6 | 574.1 | 573.3 | 574.1 |
| 37.5° | 530.2 | 531.5 | 530.2 | 531.5 | 530.2 | 529.8 | 530.2 |
| 40° | 482.6 | 487.1 | 488.0 | 492.5 | 490.9 | 493.3 | 492.9 |
| 42.5° | 437.0 | 444.5 | 447.4 | 451.1 | 450.3 | 451.9 | 453.2 |
| 45° | 391.0 | 397.3 | 400.2 | 402.6 | 403.1 | 403.9 | 404.3 |
| 47.5° | 347.5 | 352.5 | 352.9 | 355.8 | 355.4 | 355.4 | 356.7 |
| 50° | 307.0 | 310.3 | 311.1 | 313.2 | 311.5 | 310.7 | 311.1 |
| 52.5° | 269.3 | 272.6 | 271.7 | 272.6 | 270.5 | 269.7 | 270.1 |
| 55° | 230.7 | 232.4 | 232.4 | 232.4 | 229.9 | 229.9 | 229.9 |
| 57.5° | 191.4 | 191.8 | 191.0 | 191.4 | 191.0 | 188.5 | 188.1 |
| 60° | 155.3 | 155.3 | 154.9 | 155.3 | 154.1 | 152.9 | 152.9 |
| 62.5° | 121.4 | 122.2 | 123.9 | 122.2 | 121.4 | 122.2 | 121.0 |
| 65° | 90.7 | 92.4 | 92.0 | 92.8 | 92.4 | 92.4 | 91.5 |
| 67.5° | 68.4 | 68.8 | 69.2 | 69.6 | 69.6 | 69.6 | 69.6 |
| 70° | 50.1 | 51.4 | 50.9 | 50.9 | 50.9 | 50.9 | 53.4 |
| 72.5° | 33.6 | 35.2 | 34.8 | 35.6 | 35.6 | 36.5 | 35.6 |
| 75° | 22.8 | 24.4 | 23.6 | 24.9 | 24.4 | 23.6 | 25.7 |
| 77.5° | 15.3 | 16.2 | 16.6 | 17.0 | 16.6 | 16.2 | 16.6 |
| 80° | 10.8 | 11.6 | 11.2 | 11.6 | 11.6 | 11.6 | 12.0 |
| 82.5° | 6.6 | 7.9 | 7.5 | 7.9 | 7.5 | 7.9 | 7.9 |
| 85° | 4.6 | 5.0 | 4.1 | 5.0 | 4.6 | 4.6 | 5.4 |
| 87.5° | 2.9 | 2.5 | 2.5 | 2.9 | 2.5 | 2.9 | 2.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)