

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: P245893

Luminaire Tested: **LSR8B15D010 EC8B15830 8LBSW0B**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P245893
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 EC8B15830 8LBSW0B
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT- CYLINDEC
80 CRI 3000 CCT WITH SPECULAR BLACK TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1135.0 lumens
Efficiency: N/A
Efficacy: 78.8 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

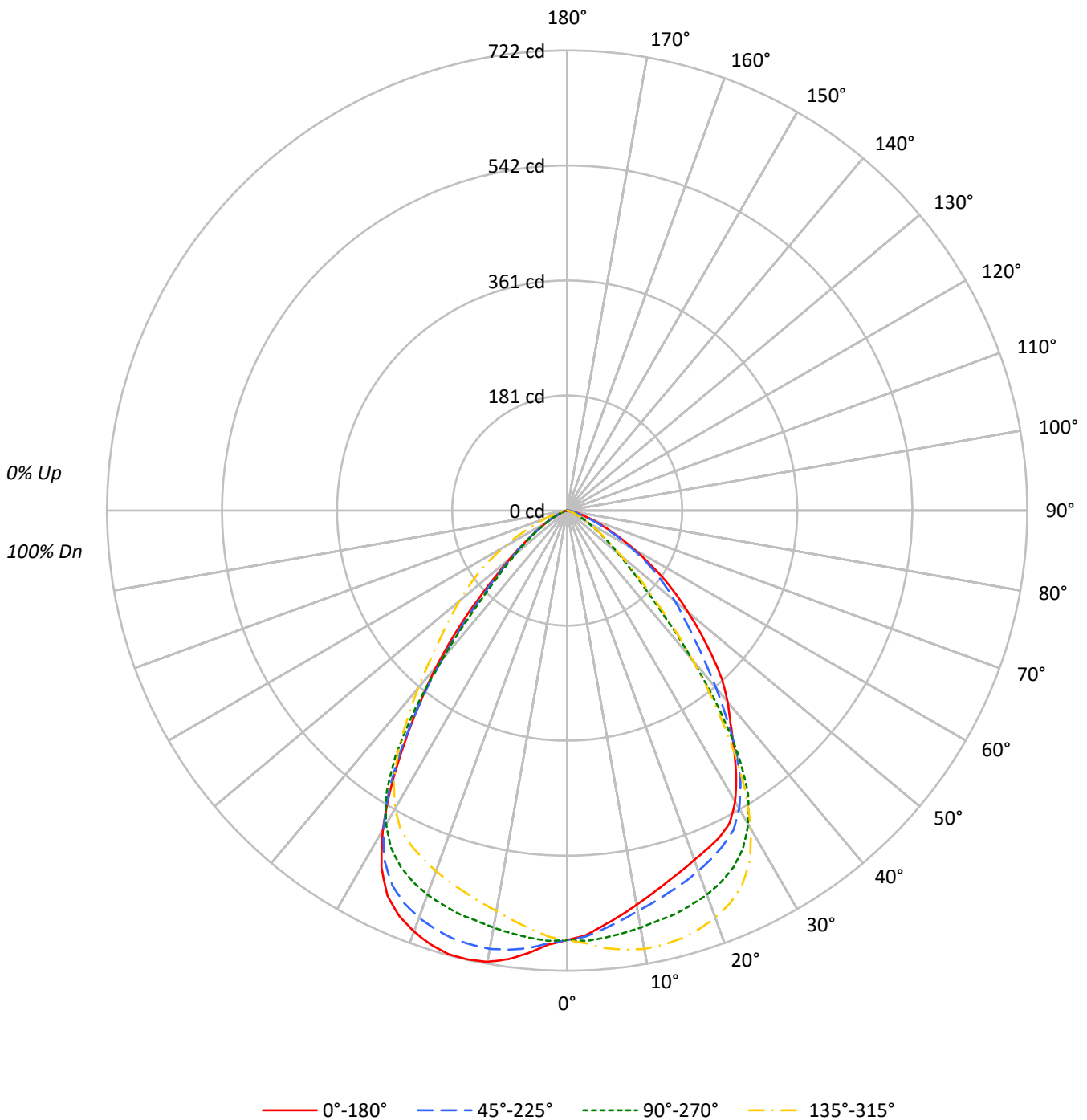
Input Watts (W): 14.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P245893

CATALOG NUMBER: LSR8B15D010 EC8B15830 8LBSW0B

Luminous Intensity Polar Plot





TEST NUMBER: P245893

CATALOG NUMBER: LSR8B15D010 EC8B15830 8LBSW0B

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 | 98 | 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° | 20778 | 20778 | 20778 | 20778 |
| 5° | 20225 | 20826 | 21569 | 20826 |
| 10° | 19667 | 20801 | 22510 | 20801 |
| 15° | 19273 | 20923 | 23001 | 20923 |
| 20° | 19141 | 21041 | 23063 | 21041 |
| 25° | 19244 | 21000 | 22691 | 21000 |
| 30° | 18768 | 20232 | 20595 | 20232 |
| 35° | 17166 | 17648 | 16744 | 17648 |
| 40° | 15759 | 12277 | 12821 | 12277 |
| 45° | 14003 | 7488 | 8665 | 7488 |
| 50° | 11854 | 5004 | 5555 | 5004 |
| 55° | 9817 | 3414 | 3607 | 3414 |
| 60° | 7487 | 2270 | 2294 | 2270 |
| 65° | 5305 | 1416 | 1299 | 1416 |
| 70° | 3823 | 947 | 857 | 947 |
| 75° | 2431 | 477 | 393 | 477 |
| 80° | 1687 | 355 | 284 | 355 |
| 85° | 1521 | 0 | 106 | 0 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 64.1 | 5.7 |
| 10°-20° | 185.7 | 16.4 |
| 20°-30° | 281.2 | 24.8 |
| 30°-40° | 281.8 | 24.8 |
| 40°-50° | 177.0 | 15.6 |
| 50°-60° | 94.3 | 8.3 |
| 60°-70° | 38.8 | 3.4 |
| 70°-80° | 10.2 | 0.9 |
| 80°-90° | 1.7 | 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° | 531.1 | 46.8 |
| 0°-40° | 812.9 | 71.6 |
| 0°-60° | 1084.2 | 95.5 |
| 0°-90° | 1135.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1135.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|-----|-----|------|------|------|------|
| 0° | 674 | 674 | 674 | 674 | 674 | |
| 5° | 653 | 673 | 697 | 673 | 653 | 62 |
| 15° | 604 | 655 | 720 | 655 | 604 | 171 |
| 25° | 566 | 617 | 667 | 617 | 566 | 259 |
| 35° | 456 | 469 | 445 | 469 | 456 | 286 |
| 45° | 321 | 172 | 199 | 172 | 321 | 247 |
| 55° | 183 | 64 | 67 | 64 | 183 | 163 |
| 65° | 73 | 19 | 18 | 19 | 73 | 75 |
| 75° | 20 | 4 | 3 | 4 | 20 | 23 |
| 85° | 4 | 0 | 0 | 0 | 4 | 5 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P245893

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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 |
| 2.5° | 666.9 | 666.2 | 665.9 | 666.6 | 666.9 | 668.2 | 667.9 | 668.5 | 668.5 | 668.9 | 669.5 |
| 5° | 653.4 | 653.1 | 653.4 | 653.4 | 654.7 | 656.0 | 655.7 | 656.7 | 657.4 | 659.0 | 659.7 |
| 7.5° | 640.9 | 640.9 | 640.6 | 641.9 | 642.6 | 644.5 | 644.2 | 645.8 | 646.8 | 648.5 | 650.8 |
| 10° | 628.1 | 628.1 | 628.4 | 629.4 | 629.7 | 632.7 | 632.7 | 635.0 | 636.3 | 638.0 | 640.9 |
| 12.5° | 615.6 | 615.6 | 617.6 | 616.9 | 618.2 | 620.5 | 621.5 | 623.8 | 625.8 | 629.1 | 632.0 |
| 15° | 603.7 | 603.7 | 604.4 | 606.0 | 607.0 | 610.0 | 611.6 | 614.3 | 616.6 | 619.9 | 624.1 |
| 17.5° | 593.5 | 593.2 | 593.5 | 595.5 | 597.5 | 600.1 | 601.4 | 604.7 | 607.0 | 611.3 | 615.3 |
| 20° | 583.3 | 584.0 | 584.0 | 585.6 | 587.0 | 590.2 | 591.6 | 595.2 | 597.8 | 601.8 | 606.4 |
| 22.5° | 574.5 | 574.1 | 574.1 | 576.4 | 577.4 | 580.4 | 581.7 | 585.0 | 587.9 | 591.2 | 595.5 |
| 25° | 565.6 | 564.9 | 566.2 | 566.6 | 567.2 | 570.5 | 571.5 | 573.8 | 576.8 | 579.7 | 584.0 |
| 27.5° | 552.4 | 551.8 | 552.1 | 553.4 | 554.4 | 557.0 | 557.7 | 560.0 | 562.3 | 564.9 | 568.5 |
| 30° | 527.1 | 526.4 | 526.1 | 528.4 | 529.4 | 531.3 | 532.3 | 536.3 | 536.9 | 539.9 | 542.5 |
| 32.5° | 493.5 | 493.2 | 493.8 | 495.8 | 496.8 | 499.4 | 500.8 | 503.1 | 504.7 | 506.3 | 509.0 |
| 35° | 456.0 | 455.3 | 456.0 | 458.0 | 458.0 | 460.3 | 461.3 | 462.3 | 461.9 | 462.3 | 461.6 |
| 37.5° | 421.1 | 420.8 | 421.1 | 422.1 | 421.1 | 422.1 | 421.1 | 419.2 | 415.5 | 411.6 | 407.6 |
| 40° | 391.5 | 391.8 | 389.9 | 391.2 | 387.6 | 386.9 | 383.3 | 378.4 | 371.1 | 363.2 | 352.0 |
| 42.5° | 359.9 | 359.0 | 357.6 | 358.3 | 355.3 | 353.0 | 347.1 | 340.9 | 331.6 | 318.5 | 305.0 |
| 45° | 321.1 | 320.8 | 320.1 | 319.8 | 317.8 | 315.5 | 310.6 | 303.3 | 293.2 | 279.7 | 263.5 |
| 47.5° | 283.3 | 282.3 | 282.3 | 282.6 | 280.3 | 280.0 | 276.0 | 269.8 | 260.9 | 247.7 | 231.0 |
| 50° | 247.1 | 246.8 | 247.4 | 248.7 | 247.1 | 246.4 | 243.8 | 239.5 | 231.6 | 220.4 | 204.6 |
| 52.5° | 214.5 | 214.2 | 214.8 | 216.5 | 215.8 | 216.5 | 213.9 | 210.6 | 205.3 | 194.4 | 180.6 |
| 55° | 182.6 | 182.6 | 182.6 | 184.6 | 184.6 | 184.6 | 183.3 | 181.3 | 176.3 | 168.5 | 155.6 |
| 57.5° | 149.4 | 149.7 | 151.7 | 152.0 | 151.7 | 152.3 | 152.0 | 150.0 | 146.7 | 141.2 | 131.3 |
| 60° | 121.4 | 121.4 | 122.4 | 123.4 | 123.0 | 123.4 | 123.4 | 122.4 | 119.1 | 114.5 | 106.6 |
| 62.5° | 96.1 | 97.1 | 96.4 | 97.1 | 98.4 | 97.1 | 96.4 | 95.7 | 93.4 | 90.5 | 83.9 |
| 65° | 72.7 | 73.4 | 73.4 | 73.7 | 73.0 | 73.4 | 72.1 | 71.1 | 69.8 | 66.5 | 62.2 |
| 67.5° | 55.3 | 55.3 | 55.3 | 55.3 | 54.9 | 54.6 | 54.3 | 53.3 | 51.0 | 49.7 | 45.1 |
| 70° | 42.4 | 40.5 | 40.5 | 40.5 | 40.5 | 40.8 | 39.8 | 38.5 | 37.8 | 35.5 | 32.2 |
| 72.5° | 28.3 | 29.0 | 28.3 | 28.3 | 27.6 | 28.0 | 26.7 | 26.0 | 25.3 | 24.0 | 22.0 |
| 75° | 20.4 | 18.8 | 19.4 | 19.7 | 18.8 | 19.4 | 18.1 | 16.8 | 16.8 | 15.8 | 14.8 |
| 77.5° | 13.2 | 12.8 | 13.2 | 13.5 | 13.2 | 12.8 | 12.2 | 11.5 | 11.5 | 11.2 | 10.2 |
| 80° | 9.5 | 9.2 | 9.2 | 9.2 | 8.9 | 9.2 | 8.6 | 8.6 | 7.9 | 7.6 | 6.9 |
| 82.5° | 6.3 | 6.3 | 5.9 | 6.3 | 5.9 | 6.3 | 5.3 | 5.3 | 5.3 | 4.9 | 4.3 |
| 85° | 4.3 | 3.6 | 3.6 | 4.0 | 3.3 | 4.0 | 3.6 | 3.3 | 3.0 | 3.0 | 2.6 |
| 87.5° | 2.0 | 2.3 | 2.0 | 2.3 | 2.0 | 2.0 | 2.3 | 2.0 | 2.0 | 1.3 | 1.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 |
| 2.5° | 670.5 | 670.8 | 670.8 | 672.2 | 672.8 | 673.1 | 673.1 | 675.8 | 674.8 | 675.5 | 676.1 |
| 5° | 661.0 | 663.0 | 663.6 | 663.6 | 667.2 | 668.5 | 669.9 | 672.8 | 673.1 | 675.1 | 677.4 |
| 7.5° | 651.8 | 654.1 | 655.4 | 658.3 | 660.7 | 663.0 | 666.9 | 668.9 | 670.8 | 673.5 | 676.4 |
| 10° | 642.9 | 645.5 | 648.2 | 650.5 | 654.1 | 657.0 | 659.7 | 664.3 | 666.6 | 670.2 | 674.1 |
| 12.5° | 634.3 | 638.0 | 640.3 | 644.2 | 648.2 | 650.8 | 654.7 | 659.0 | 662.6 | 666.2 | 670.8 |
| 15° | 626.8 | 631.0 | 633.7 | 638.0 | 642.2 | 645.8 | 650.1 | 655.4 | 658.0 | 662.3 | 666.6 |
| 17.5° | 618.5 | 623.2 | 626.4 | 630.4 | 635.7 | 639.6 | 643.2 | 648.5 | 651.8 | 656.4 | 661.3 |
| 20° | 610.0 | 614.6 | 618.5 | 622.5 | 627.8 | 631.7 | 636.0 | 641.2 | 644.9 | 649.5 | 653.4 |
| 22.5° | 599.8 | 604.1 | 608.3 | 612.9 | 618.2 | 621.5 | 626.4 | 631.0 | 635.0 | 639.3 | 643.2 |
| 25° | 586.6 | 591.9 | 595.2 | 599.5 | 603.7 | 607.3 | 612.6 | 617.2 | 620.5 | 624.5 | 628.1 |
| 27.5° | 571.2 | 575.1 | 577.7 | 581.4 | 585.6 | 588.9 | 592.9 | 597.5 | 600.8 | 604.4 | 607.0 |
| 30° | 544.8 | 548.5 | 550.8 | 553.4 | 557.7 | 560.6 | 563.9 | 568.2 | 570.5 | 573.1 | 575.4 |
| 32.5° | 510.3 | 513.3 | 514.6 | 516.5 | 519.5 | 522.5 | 525.1 | 528.7 | 529.7 | 531.3 | 531.3 |
| 35° | 460.3 | 460.9 | 460.6 | 461.3 | 462.6 | 464.2 | 466.5 | 468.8 | 470.2 | 470.2 | 469.2 |
| 37.5° | 401.7 | 397.8 | 393.5 | 390.2 | 389.2 | 388.6 | 389.9 | 390.9 | 392.2 | 392.8 | 391.2 |
| 40° | 340.9 | 332.0 | 322.4 | 313.9 | 308.0 | 305.3 | 304.3 | 305.0 | 305.0 | 307.3 | 307.3 |
| 42.5° | 288.5 | 274.7 | 260.6 | 247.7 | 239.2 | 232.6 | 229.7 | 229.7 | 230.0 | 231.6 | 232.6 |
| 45° | 245.1 | 227.7 | 211.2 | 197.1 | 185.2 | 176.7 | 172.7 | 171.7 | 171.4 | 172.1 | 174.4 |
| 47.5° | 211.9 | 193.8 | 176.7 | 159.2 | 146.7 | 138.2 | 134.6 | 133.2 | 131.9 | 133.2 | 133.6 |
| 50° | 185.9 | 167.1 | 149.0 | 131.6 | 118.4 | 110.9 | 106.3 | 104.3 | 104.0 | 104.0 | 104.6 |
| 52.5° | 162.2 | 144.8 | 126.7 | 108.9 | 95.1 | 87.8 | 83.6 | 82.6 | 81.3 | 82.6 | 82.6 |
| 55° | 139.8 | 122.4 | 104.6 | 87.8 | 76.3 | 68.8 | 64.8 | 63.5 | 62.8 | 63.8 | 63.8 |
| 57.5° | 115.5 | 100.7 | 84.2 | 69.1 | 57.6 | 52.3 | 49.3 | 47.7 | 47.4 | 48.0 | 47.4 |
| 60° | 94.8 | 82.3 | 68.1 | 54.3 | 45.4 | 39.8 | 37.5 | 36.8 | 36.2 | 36.8 | 36.8 |
| 62.5° | 75.0 | 64.5 | 53.0 | 42.4 | 34.9 | 30.9 | 28.3 | 28.3 | 28.0 | 28.0 | 28.3 |
| 65° | 55.6 | 47.4 | 39.2 | 30.3 | 24.3 | 21.4 | 19.4 | 19.4 | 19.1 | 19.4 | 19.1 |
| 67.5° | 40.5 | 34.9 | 28.3 | 22.0 | 17.4 | 15.8 | 14.5 | 13.5 | 14.2 | 13.5 | 13.2 |
| 70° | 29.6 | 25.0 | 20.4 | 16.8 | 13.5 | 11.8 | 10.9 | 10.5 | 9.9 | 9.9 | 9.9 |
| 72.5° | 19.7 | 16.8 | 13.8 | 10.9 | 8.9 | 7.2 | 6.9 | 6.3 | 5.6 | 5.9 | 6.6 |
| 75° | 13.2 | 11.2 | 9.9 | 7.9 | 5.9 | 5.9 | 4.0 | 4.0 | 3.3 | 4.0 | 3.0 |
| 77.5° | 9.2 | 7.6 | 5.9 | 4.9 | 4.0 | 3.6 | 2.6 | 2.6 | 2.3 | 2.3 | 2.3 |
| 80° | 6.6 | 5.6 | 4.3 | 3.6 | 2.6 | 2.6 | 2.3 | 2.0 | 1.6 | 1.6 | 2.0 |
| 82.5° | 4.0 | 3.0 | 3.0 | 2.6 | 1.6 | 1.3 | 1.0 | 1.3 | 0.7 | 0.7 | 0.7 |
| 85° | 2.3 | 2.0 | 1.6 | 1.0 | 0.7 | 0.7 | 0.3 | 0.0 | 0.3 | 0.3 | 0.0 |
| 87.5° | 1.3 | 0.7 | 0.7 | 0.3 | 0.0 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.7 |
| 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: P245893

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CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 |
| 2.5° | 677.8 | 677.4 | 678.1 | 678.1 | 680.1 | 679.7 | 680.7 | 680.7 | 680.1 | 680.4 | 681.7 |
| 5° | 680.1 | 681.1 | 683.0 | 684.7 | 687.6 | 689.0 | 690.6 | 692.2 | 692.6 | 693.6 | 694.5 |
| 7.5° | 680.1 | 683.4 | 685.7 | 688.6 | 692.6 | 694.9 | 698.5 | 701.5 | 702.8 | 704.4 | 706.4 |
| 10° | 678.7 | 682.0 | 686.3 | 689.6 | 694.5 | 698.2 | 701.8 | 706.4 | 708.4 | 711.0 | 713.6 |
| 12.5° | 676.1 | 679.7 | 684.3 | 688.6 | 694.2 | 697.5 | 702.1 | 706.4 | 709.3 | 713.0 | 715.9 |
| 15° | 672.2 | 676.4 | 680.7 | 685.0 | 690.9 | 694.9 | 699.2 | 704.1 | 707.0 | 711.0 | 713.6 |
| 17.5° | 665.9 | 670.5 | 674.5 | 678.4 | 684.0 | 688.6 | 692.6 | 697.2 | 700.1 | 703.4 | 707.0 |
| 20° | 658.3 | 662.6 | 666.9 | 670.2 | 675.8 | 679.7 | 684.0 | 688.3 | 690.6 | 691.3 | 696.8 |
| 22.5° | 648.8 | 651.8 | 655.1 | 660.3 | 663.6 | 667.2 | 671.2 | 675.1 | 677.4 | 681.1 | 683.0 |
| 25° | 633.0 | 636.0 | 639.6 | 641.9 | 645.8 | 648.8 | 652.8 | 657.0 | 658.3 | 661.0 | 663.0 |
| 27.5° | 611.0 | 612.6 | 614.3 | 616.2 | 618.5 | 620.2 | 622.5 | 624.5 | 625.8 | 627.1 | 628.4 |
| 30° | 576.1 | 576.1 | 576.1 | 574.8 | 575.8 | 576.8 | 577.1 | 576.8 | 576.8 | 576.4 | 576.4 |
| 32.5° | 530.0 | 527.4 | 524.4 | 521.8 | 520.8 | 519.5 | 518.8 | 517.9 | 516.2 | 515.2 | 515.6 |
| 35° | 467.8 | 461.9 | 458.3 | 455.0 | 452.4 | 450.4 | 449.4 | 448.4 | 448.1 | 446.8 | 445.5 |
| 37.5° | 390.2 | 385.9 | 383.3 | 381.3 | 379.0 | 377.0 | 377.4 | 377.7 | 378.7 | 378.0 | 378.4 |
| 40° | 308.0 | 307.0 | 308.0 | 305.7 | 305.0 | 305.7 | 307.3 | 309.6 | 310.9 | 312.2 | 314.5 |
| 42.5° | 234.3 | 235.9 | 238.2 | 238.2 | 239.2 | 240.5 | 242.5 | 246.1 | 248.1 | 250.4 | 253.0 |
| 45° | 176.3 | 178.3 | 181.3 | 182.3 | 182.9 | 184.6 | 186.9 | 189.8 | 191.2 | 193.1 | 195.4 |
| 47.5° | 135.9 | 137.2 | 138.8 | 140.5 | 142.1 | 142.8 | 145.1 | 145.1 | 146.7 | 148.1 | 148.7 |
| 50° | 105.9 | 107.3 | 108.6 | 109.6 | 110.2 | 111.2 | 111.9 | 112.8 | 113.2 | 113.8 | 114.2 |
| 52.5° | 82.9 | 84.6 | 84.6 | 85.2 | 86.2 | 87.2 | 86.9 | 87.2 | 87.5 | 87.5 | 88.5 |
| 55° | 64.8 | 64.8 | 65.8 | 65.8 | 66.5 | 66.1 | 66.5 | 66.5 | 66.5 | 66.5 | 66.8 |
| 57.5° | 48.4 | 48.7 | 49.7 | 49.0 | 48.7 | 49.3 | 48.7 | 49.3 | 49.0 | 49.7 | 48.7 |
| 60° | 37.2 | 37.2 | 37.5 | 37.5 | 37.8 | 37.8 | 37.8 | 37.5 | 37.5 | 37.2 | 37.2 |
| 62.5° | 28.0 | 28.3 | 28.6 | 28.3 | 28.3 | 28.3 | 28.0 | 28.0 | 27.6 | 27.3 | 27.3 |
| 65° | 18.8 | 18.4 | 19.1 | 18.4 | 18.8 | 18.8 | 18.4 | 18.8 | 17.8 | 18.1 | 17.8 |
| 67.5° | 13.5 | 13.2 | 12.8 | 13.2 | 12.8 | 12.5 | 12.5 | 12.8 | 13.2 | 12.2 | 12.2 |
| 70° | 8.9 | 9.2 | 8.9 | 9.2 | 9.5 | 9.5 | 9.2 | 8.9 | 9.2 | 8.6 | 8.9 |
| 72.5° | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 5.9 | 5.9 | 5.9 | 5.3 | 5.3 | 4.9 |
| 75° | 2.6 | 3.6 | 3.0 | 2.6 | 3.6 | 3.6 | 3.3 | 3.3 | 3.0 | 3.0 | 3.0 |
| 77.5° | 2.6 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.6 | 2.0 | 1.6 |
| 80° | 1.3 | 1.3 | 1.3 | 1.0 | 1.3 | 1.3 | 1.6 | 1.3 | 1.3 | 1.0 | 1.6 |
| 82.5° | 0.7 | 0.7 | 0.7 | 0.0 | 0.3 | 0.7 | 0.7 | 0.3 | 0.7 | 0.7 | 0.3 |
| 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: P245893

CATALOG NUMBER: LSR8B15D010 EC8B15830 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 |
| 2.5° | 681.4 | 681.1 | 681.4 | 681.7 | 681.4 | 681.1 | 681.4 | 681.7 | 680.4 | 680.1 | 680.7 |
| 5° | 695.9 | 695.9 | 696.5 | 696.8 | 696.5 | 695.9 | 695.9 | 694.5 | 693.6 | 692.6 | 692.2 |
| 7.5° | 708.4 | 709.0 | 709.7 | 710.0 | 709.7 | 709.0 | 708.4 | 706.4 | 704.4 | 702.8 | 701.5 |
| 10° | 715.9 | 716.9 | 718.2 | 718.9 | 718.2 | 716.9 | 715.9 | 713.6 | 711.0 | 708.4 | 706.4 |
| 12.5° | 719.2 | 720.2 | 721.8 | 721.5 | 721.8 | 720.2 | 719.2 | 715.9 | 713.0 | 709.3 | 706.4 |
| 15° | 716.9 | 718.2 | 719.9 | 720.5 | 719.9 | 718.2 | 716.9 | 713.6 | 711.0 | 707.0 | 704.1 |
| 17.5° | 709.7 | 711.7 | 712.6 | 713.6 | 712.6 | 711.7 | 709.7 | 707.0 | 703.4 | 700.1 | 697.2 |
| 20° | 699.8 | 701.1 | 702.4 | 702.8 | 702.4 | 701.1 | 699.8 | 696.8 | 691.3 | 690.6 | 688.3 |
| 22.5° | 685.7 | 686.7 | 689.6 | 688.6 | 689.6 | 686.7 | 685.7 | 683.0 | 681.1 | 677.4 | 675.1 |
| 25° | 665.3 | 666.2 | 666.6 | 666.9 | 666.6 | 666.2 | 665.3 | 663.0 | 661.0 | 658.3 | 657.0 |
| 27.5° | 630.1 | 630.1 | 630.7 | 631.0 | 630.7 | 630.1 | 630.1 | 628.4 | 627.1 | 625.8 | 624.5 |
| 30° | 576.8 | 576.8 | 576.8 | 578.4 | 576.8 | 576.8 | 576.8 | 576.4 | 576.4 | 576.8 | 576.8 |
| 32.5° | 515.2 | 514.6 | 513.9 | 514.6 | 513.9 | 514.6 | 515.2 | 515.6 | 515.2 | 516.2 | 517.9 |
| 35° | 445.5 | 445.2 | 446.1 | 444.8 | 446.1 | 445.2 | 445.5 | 445.5 | 446.8 | 448.1 | 448.4 |
| 37.5° | 378.7 | 378.0 | 379.3 | 378.0 | 379.3 | 378.0 | 378.7 | 378.4 | 378.0 | 378.7 | 377.7 |
| 40° | 315.2 | 315.8 | 315.8 | 318.5 | 315.8 | 315.8 | 315.2 | 314.5 | 312.2 | 310.9 | 309.6 |
| 42.5° | 254.3 | 256.3 | 255.6 | 257.6 | 255.6 | 256.3 | 254.3 | 253.0 | 250.4 | 248.1 | 246.1 |
| 45° | 196.7 | 198.1 | 198.1 | 198.7 | 198.1 | 198.1 | 196.7 | 195.4 | 193.1 | 191.2 | 189.8 |
| 47.5° | 151.0 | 151.0 | 151.0 | 151.3 | 151.0 | 151.0 | 151.0 | 148.7 | 148.1 | 146.7 | 145.1 |
| 50° | 114.8 | 115.2 | 115.5 | 115.8 | 115.5 | 115.2 | 114.8 | 114.2 | 113.8 | 113.2 | 112.8 |
| 52.5° | 88.2 | 88.5 | 87.8 | 88.5 | 87.8 | 88.5 | 88.2 | 88.5 | 87.5 | 87.5 | 87.2 |
| 55° | 66.8 | 66.5 | 66.8 | 67.1 | 66.8 | 66.5 | 66.8 | 66.8 | 66.5 | 66.5 | 66.5 |
| 57.5° | 49.0 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 49.0 | 48.7 | 49.7 | 49.0 | 49.3 |
| 60° | 36.5 | 36.8 | 36.8 | 37.2 | 36.8 | 36.8 | 36.5 | 37.2 | 37.2 | 37.5 | 37.5 |
| 62.5° | 27.0 | 28.0 | 27.3 | 28.0 | 27.3 | 28.0 | 27.0 | 27.3 | 27.3 | 27.6 | 28.0 |
| 65° | 17.4 | 17.4 | 17.4 | 17.8 | 17.4 | 17.4 | 17.4 | 17.8 | 18.1 | 17.8 | 18.8 |
| 67.5° | 11.8 | 12.2 | 12.8 | 12.5 | 12.8 | 12.2 | 11.8 | 12.2 | 12.2 | 13.2 | 12.8 |
| 70° | 9.5 | 8.6 | 8.6 | 9.5 | 8.6 | 8.6 | 9.5 | 8.9 | 8.6 | 9.2 | 8.9 |
| 72.5° | 5.6 | 4.9 | 5.6 | 5.6 | 5.6 | 4.9 | 5.6 | 4.9 | 5.3 | 5.3 | 5.9 |
| 75° | 3.0 | 2.6 | 2.3 | 3.3 | 2.3 | 2.6 | 3.0 | 3.0 | 3.0 | 3.0 | 3.3 |
| 77.5° | 2.0 | 1.6 | 2.3 | 2.3 | 2.3 | 1.6 | 2.0 | 1.6 | 2.0 | 1.6 | 2.0 |
| 80° | 1.0 | 1.3 | 1.0 | 1.6 | 1.0 | 1.3 | 1.0 | 1.6 | 1.0 | 1.3 | 1.3 |
| 82.5° | 0.3 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.3 | 0.3 | 0.7 | 0.7 | 0.3 |
| 85° | 0.0 | 0.7 | 0.3 | 0.3 | 0.3 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.3 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.3 | 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: P245893

CATALOG NUMBER: LSR8B15D010 EC8B15830 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 |
| 2.5° | 680.7 | 679.7 | 680.1 | 678.1 | 678.1 | 677.4 | 677.8 | 676.1 | 675.5 | 674.8 | 675.8 |
| 5° | 690.6 | 689.0 | 687.6 | 684.7 | 683.0 | 681.1 | 680.1 | 677.4 | 675.1 | 673.1 | 672.8 |
| 7.5° | 698.5 | 694.9 | 692.6 | 688.6 | 685.7 | 683.4 | 680.1 | 676.4 | 673.5 | 670.8 | 668.9 |
| 10° | 701.8 | 698.2 | 694.5 | 689.6 | 686.3 | 682.0 | 678.7 | 674.1 | 670.2 | 666.6 | 664.3 |
| 12.5° | 702.1 | 697.5 | 694.2 | 688.6 | 684.3 | 679.7 | 676.1 | 670.8 | 666.2 | 662.6 | 659.0 |
| 15° | 699.2 | 694.9 | 690.9 | 685.0 | 680.7 | 676.4 | 672.2 | 666.6 | 662.3 | 658.0 | 655.4 |
| 17.5° | 692.6 | 688.6 | 684.0 | 678.4 | 674.5 | 670.5 | 665.9 | 661.3 | 656.4 | 651.8 | 648.5 |
| 20° | 684.0 | 679.7 | 675.8 | 670.2 | 666.9 | 662.6 | 658.3 | 653.4 | 649.5 | 644.9 | 641.2 |
| 22.5° | 671.2 | 667.2 | 663.6 | 660.3 | 655.1 | 651.8 | 648.8 | 643.2 | 639.3 | 635.0 | 631.0 |
| 25° | 652.8 | 648.8 | 645.8 | 641.9 | 639.6 | 636.0 | 633.0 | 628.1 | 624.5 | 620.5 | 617.2 |
| 27.5° | 622.5 | 620.2 | 618.5 | 616.2 | 614.3 | 612.6 | 611.0 | 607.0 | 604.4 | 600.8 | 597.5 |
| 30° | 577.1 | 576.8 | 575.8 | 574.8 | 576.1 | 576.1 | 576.1 | 575.4 | 573.1 | 570.5 | 568.2 |
| 32.5° | 518.8 | 519.5 | 520.8 | 521.8 | 524.4 | 527.4 | 530.0 | 531.3 | 531.3 | 529.7 | 528.7 |
| 35° | 449.4 | 450.4 | 452.4 | 455.0 | 458.3 | 461.9 | 467.8 | 469.2 | 470.2 | 470.2 | 468.8 |
| 37.5° | 377.4 | 377.0 | 379.0 | 381.3 | 383.3 | 385.9 | 390.2 | 391.2 | 392.8 | 392.2 | 390.9 |
| 40° | 307.3 | 305.7 | 305.0 | 305.7 | 308.0 | 307.0 | 308.0 | 307.3 | 307.3 | 305.0 | 305.0 |
| 42.5° | 242.5 | 240.5 | 239.2 | 238.2 | 238.2 | 235.9 | 234.3 | 232.6 | 231.6 | 230.0 | 229.7 |
| 45° | 186.9 | 184.6 | 182.9 | 182.3 | 181.3 | 178.3 | 176.3 | 174.4 | 172.1 | 171.4 | 171.7 |
| 47.5° | 145.1 | 142.8 | 142.1 | 140.5 | 138.8 | 137.2 | 135.9 | 133.6 | 133.2 | 131.9 | 133.2 |
| 50° | 111.9 | 111.2 | 110.2 | 109.6 | 108.6 | 107.3 | 105.9 | 104.6 | 104.0 | 104.0 | 104.3 |
| 52.5° | 86.9 | 87.2 | 86.2 | 85.2 | 84.6 | 84.6 | 82.9 | 82.6 | 82.6 | 81.3 | 82.6 |
| 55° | 66.5 | 66.1 | 66.5 | 65.8 | 65.8 | 64.8 | 64.8 | 63.8 | 63.8 | 62.8 | 63.5 |
| 57.5° | 48.7 | 49.3 | 48.7 | 49.0 | 49.7 | 48.7 | 48.4 | 47.4 | 48.0 | 47.4 | 47.7 |
| 60° | 37.8 | 37.8 | 37.8 | 37.5 | 37.5 | 37.2 | 37.2 | 36.8 | 36.8 | 36.2 | 36.8 |
| 62.5° | 28.0 | 28.3 | 28.3 | 28.3 | 28.6 | 28.3 | 28.0 | 28.3 | 28.0 | 28.0 | 28.3 |
| 65° | 18.4 | 18.8 | 18.8 | 18.4 | 19.1 | 18.4 | 18.8 | 19.1 | 19.4 | 19.1 | 19.4 |
| 67.5° | 12.5 | 12.5 | 12.8 | 13.2 | 12.8 | 13.2 | 13.5 | 13.2 | 13.5 | 14.2 | 13.5 |
| 70° | 9.2 | 9.5 | 9.5 | 9.2 | 8.9 | 9.2 | 8.9 | 9.9 | 9.9 | 9.9 | 10.5 |
| 72.5° | 5.9 | 5.9 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 6.6 | 5.9 | 5.6 | 6.3 |
| 75° | 3.3 | 3.6 | 3.6 | 2.6 | 3.0 | 3.6 | 2.6 | 3.0 | 4.0 | 3.3 | 4.0 |
| 77.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.6 | 2.3 | 2.3 | 2.3 | 2.6 |
| 80° | 1.6 | 1.3 | 1.3 | 1.0 | 1.3 | 1.3 | 1.3 | 2.0 | 1.6 | 1.6 | 2.0 |
| 82.5° | 0.7 | 0.7 | 0.3 | 0.0 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 1.3 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 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: P245893

CATALOG NUMBER: LSR8B15D010 EC8B15830 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 |
| 2.5° | 673.1 | 673.1 | 672.8 | 672.2 | 670.8 | 670.8 | 670.5 | 669.5 | 668.9 | 668.5 | 668.5 |
| 5° | 669.9 | 668.5 | 667.2 | 663.6 | 663.6 | 663.0 | 661.0 | 659.7 | 659.0 | 657.4 | 656.7 |
| 7.5° | 666.9 | 663.0 | 660.7 | 658.3 | 655.4 | 654.1 | 651.8 | 650.8 | 648.5 | 646.8 | 645.8 |
| 10° | 659.7 | 657.0 | 654.1 | 650.5 | 648.2 | 645.5 | 642.9 | 640.9 | 638.0 | 636.3 | 635.0 |
| 12.5° | 654.7 | 650.8 | 648.2 | 644.2 | 640.3 | 638.0 | 634.3 | 632.0 | 629.1 | 625.8 | 623.8 |
| 15° | 650.1 | 645.8 | 642.2 | 638.0 | 633.7 | 631.0 | 626.8 | 624.1 | 619.9 | 616.6 | 614.3 |
| 17.5° | 643.2 | 639.6 | 635.7 | 630.4 | 626.4 | 623.2 | 618.5 | 615.3 | 611.3 | 607.0 | 604.7 |
| 20° | 636.0 | 631.7 | 627.8 | 622.5 | 618.5 | 614.6 | 610.0 | 606.4 | 601.8 | 597.8 | 595.2 |
| 22.5° | 626.4 | 621.5 | 618.2 | 612.9 | 608.3 | 604.1 | 599.8 | 595.5 | 591.2 | 587.9 | 585.0 |
| 25° | 612.6 | 607.3 | 603.7 | 599.5 | 595.2 | 591.9 | 586.6 | 584.0 | 579.7 | 576.8 | 573.8 |
| 27.5° | 592.9 | 588.9 | 585.6 | 581.4 | 577.7 | 575.1 | 571.2 | 568.5 | 564.9 | 562.3 | 560.0 |
| 30° | 563.9 | 560.6 | 557.7 | 553.4 | 550.8 | 548.5 | 544.8 | 542.5 | 539.9 | 536.9 | 536.3 |
| 32.5° | 525.1 | 522.5 | 519.5 | 516.5 | 514.6 | 513.3 | 510.3 | 509.0 | 506.3 | 504.7 | 503.1 |
| 35° | 466.5 | 464.2 | 462.6 | 461.3 | 460.6 | 460.9 | 460.3 | 461.6 | 462.3 | 461.9 | 462.3 |
| 37.5° | 389.9 | 388.6 | 389.2 | 390.2 | 393.5 | 397.8 | 401.7 | 407.6 | 411.6 | 415.5 | 419.2 |
| 40° | 304.3 | 305.3 | 308.0 | 313.9 | 322.4 | 332.0 | 340.9 | 352.0 | 363.2 | 371.1 | 378.4 |
| 42.5° | 229.7 | 232.6 | 239.2 | 247.7 | 260.6 | 274.7 | 288.5 | 305.0 | 318.5 | 331.6 | 340.9 |
| 45° | 172.7 | 176.7 | 185.2 | 197.1 | 211.2 | 227.7 | 245.1 | 263.5 | 279.7 | 293.2 | 303.3 |
| 47.5° | 134.6 | 138.2 | 146.7 | 159.2 | 176.7 | 193.8 | 211.9 | 231.0 | 247.7 | 260.9 | 269.8 |
| 50° | 106.3 | 110.9 | 118.4 | 131.6 | 149.0 | 167.1 | 185.9 | 204.6 | 220.4 | 231.6 | 239.5 |
| 52.5° | 83.6 | 87.8 | 95.1 | 108.9 | 126.7 | 144.8 | 162.2 | 180.6 | 194.4 | 205.3 | 210.6 |
| 55° | 64.8 | 68.8 | 76.3 | 87.8 | 104.6 | 122.4 | 139.8 | 155.6 | 168.5 | 176.3 | 181.3 |
| 57.5° | 49.3 | 52.3 | 57.6 | 69.1 | 84.2 | 100.7 | 115.5 | 131.3 | 141.2 | 146.7 | 150.0 |
| 60° | 37.5 | 39.8 | 45.4 | 54.3 | 68.1 | 82.3 | 94.8 | 106.6 | 114.5 | 119.1 | 122.4 |
| 62.5° | 28.3 | 30.9 | 34.9 | 42.4 | 53.0 | 64.5 | 75.0 | 83.9 | 90.5 | 93.4 | 95.7 |
| 65° | 19.4 | 21.4 | 24.3 | 30.3 | 39.2 | 47.4 | 55.6 | 62.2 | 66.5 | 69.8 | 71.1 |
| 67.5° | 14.5 | 15.8 | 17.4 | 22.0 | 28.3 | 34.9 | 40.5 | 45.1 | 49.7 | 51.0 | 53.3 |
| 70° | 10.9 | 11.8 | 13.5 | 16.8 | 20.4 | 25.0 | 29.6 | 32.2 | 35.5 | 37.8 | 38.5 |
| 72.5° | 6.9 | 7.2 | 8.9 | 10.9 | 13.8 | 16.8 | 19.7 | 22.0 | 24.0 | 25.3 | 26.0 |
| 75° | 4.0 | 5.9 | 5.9 | 7.9 | 9.9 | 11.2 | 13.2 | 14.8 | 15.8 | 16.8 | 16.8 |
| 77.5° | 2.6 | 3.6 | 4.0 | 4.9 | 5.9 | 7.6 | 9.2 | 10.2 | 11.2 | 11.5 | 11.5 |
| 80° | 2.3 | 2.6 | 2.6 | 3.6 | 4.3 | 5.6 | 6.6 | 6.9 | 7.6 | 7.9 | 8.6 |
| 82.5° | 1.0 | 1.3 | 1.6 | 2.6 | 3.0 | 3.0 | 4.0 | 4.3 | 4.9 | 5.3 | 5.3 |
| 85° | 0.3 | 0.7 | 0.7 | 1.0 | 1.6 | 2.0 | 2.3 | 2.6 | 3.0 | 3.0 | 3.3 |
| 87.5° | 0.3 | 0.3 | 0.0 | 0.3 | 0.7 | 0.7 | 1.3 | 1.3 | 1.3 | 2.0 | 2.0 |
| 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: P245893

CATALOG NUMBER: LSR8B15D010 EC8B15830 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 | 673.8 |
| 2.5° | 667.9 | 668.2 | 666.9 | 666.6 | 665.9 | 666.2 | 666.9 |
| 5° | 655.7 | 656.0 | 654.7 | 653.4 | 653.4 | 653.1 | 653.4 |
| 7.5° | 644.2 | 644.5 | 642.6 | 641.9 | 640.6 | 640.9 | 640.9 |
| 10° | 632.7 | 632.7 | 629.7 | 629.4 | 628.4 | 628.1 | 628.1 |
| 12.5° | 621.5 | 620.5 | 618.2 | 616.9 | 617.6 | 615.6 | 615.6 |
| 15° | 611.6 | 610.0 | 607.0 | 606.0 | 604.4 | 603.7 | 603.7 |
| 17.5° | 601.4 | 600.1 | 597.5 | 595.5 | 593.5 | 593.2 | 593.5 |
| 20° | 591.6 | 590.2 | 587.0 | 585.6 | 584.0 | 584.0 | 583.3 |
| 22.5° | 581.7 | 580.4 | 577.4 | 576.4 | 574.1 | 574.1 | 574.5 |
| 25° | 571.5 | 570.5 | 567.2 | 566.6 | 566.2 | 564.9 | 565.6 |
| 27.5° | 557.7 | 557.0 | 554.4 | 553.4 | 552.1 | 551.8 | 552.4 |
| 30° | 532.3 | 531.3 | 529.4 | 528.4 | 526.1 | 526.4 | 527.1 |
| 32.5° | 500.8 | 499.4 | 496.8 | 495.8 | 493.8 | 493.2 | 493.5 |
| 35° | 461.3 | 460.3 | 458.0 | 458.0 | 456.0 | 455.3 | 456.0 |
| 37.5° | 421.1 | 422.1 | 421.1 | 422.1 | 421.1 | 420.8 | 421.1 |
| 40° | 383.3 | 386.9 | 387.6 | 391.2 | 389.9 | 391.8 | 391.5 |
| 42.5° | 347.1 | 353.0 | 355.3 | 358.3 | 357.6 | 359.0 | 359.9 |
| 45° | 310.6 | 315.5 | 317.8 | 319.8 | 320.1 | 320.8 | 321.1 |
| 47.5° | 276.0 | 280.0 | 280.3 | 282.6 | 282.3 | 282.3 | 283.3 |
| 50° | 243.8 | 246.4 | 247.1 | 248.7 | 247.4 | 246.8 | 247.1 |
| 52.5° | 213.9 | 216.5 | 215.8 | 216.5 | 214.8 | 214.2 | 214.5 |
| 55° | 183.3 | 184.6 | 184.6 | 184.6 | 182.6 | 182.6 | 182.6 |
| 57.5° | 152.0 | 152.3 | 151.7 | 152.0 | 151.7 | 149.7 | 149.4 |
| 60° | 123.4 | 123.4 | 123.0 | 123.4 | 122.4 | 121.4 | 121.4 |
| 62.5° | 96.4 | 97.1 | 98.4 | 97.1 | 96.4 | 97.1 | 96.1 |
| 65° | 72.1 | 73.4 | 73.0 | 73.7 | 73.4 | 73.4 | 72.7 |
| 67.5° | 54.3 | 54.6 | 54.9 | 55.3 | 55.3 | 55.3 | 55.3 |
| 70° | 39.8 | 40.8 | 40.5 | 40.5 | 40.5 | 40.5 | 42.4 |
| 72.5° | 26.7 | 28.0 | 27.6 | 28.3 | 28.3 | 29.0 | 28.3 |
| 75° | 18.1 | 19.4 | 18.8 | 19.7 | 19.4 | 18.8 | 20.4 |
| 77.5° | 12.2 | 12.8 | 13.2 | 13.5 | 13.2 | 12.8 | 13.2 |
| 80° | 8.6 | 9.2 | 8.9 | 9.2 | 9.2 | 9.2 | 9.5 |
| 82.5° | 5.3 | 6.3 | 5.9 | 6.3 | 5.9 | 6.3 | 6.3 |
| 85° | 3.6 | 4.0 | 3.3 | 4.0 | 3.6 | 3.6 | 4.3 |
| 87.5° | 2.3 | 2.0 | 2.0 | 2.3 | 2.0 | 2.3 | 2.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)