

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: P244975

Luminaire Tested: **LSR8B15D010 EC8B15850 8LBSW0WMH**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P244975
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 EC8B15850 8LBSW0WMH
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT- CYLINDEC
80 CRI 5000 CCT WITH WARM HAZE TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1551.0 lumens
Efficiency: N/A
Efficacy: 107.7 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

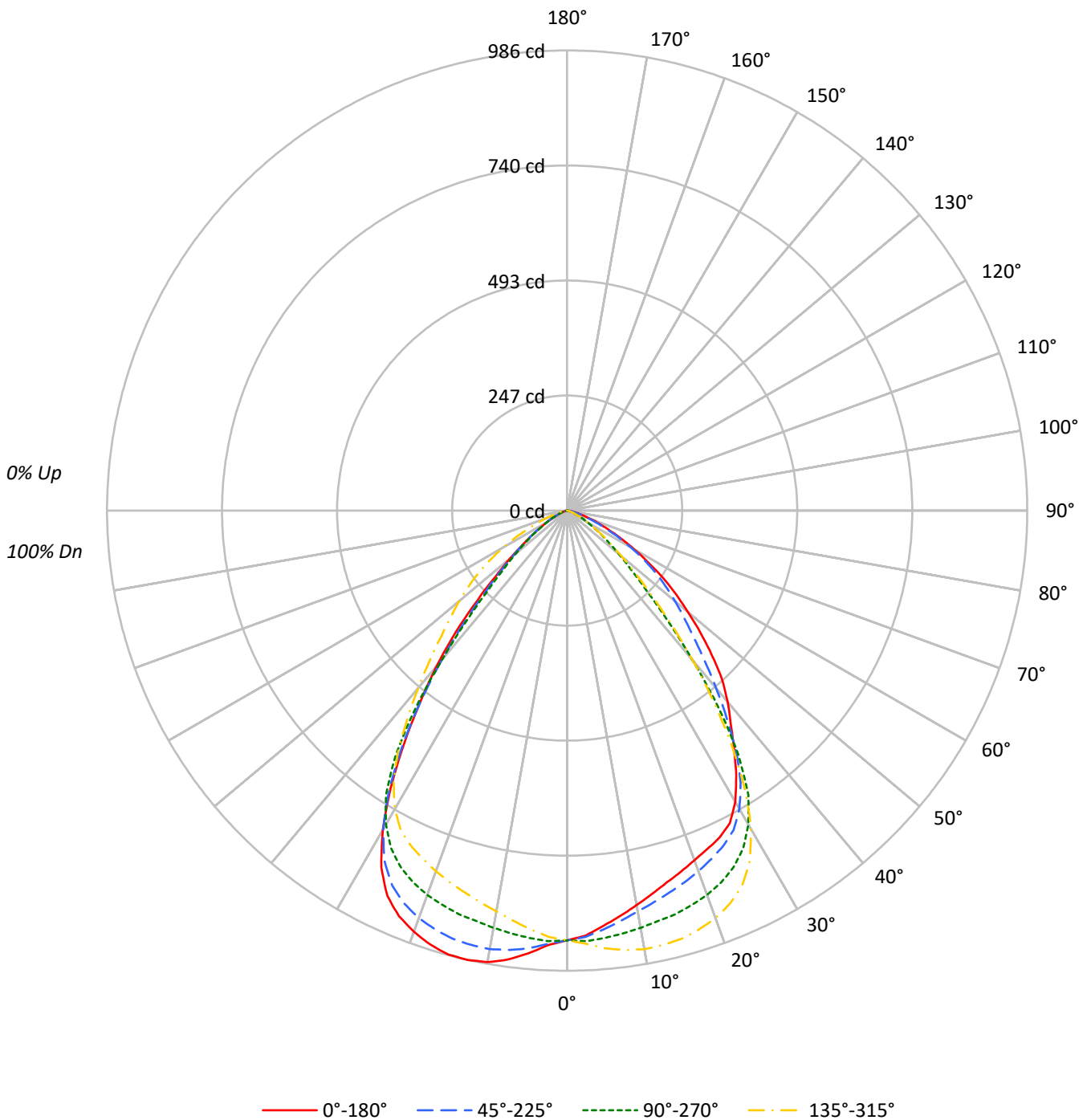
Input Watts (W): 14.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P244975

CATALOG NUMBER: LSR8B15D010 EC8B15850 8LBSW0WMH

Luminous Intensity Polar Plot





TEST NUMBER: P244975

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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° | 28394 | 28394 | 28394 | 28394 |
| 5° | 27639 | 28459 | 29478 | 28459 |
| 10° | 26875 | 28422 | 30761 | 28422 |
| 15° | 26337 | 28591 | 31432 | 28591 |
| 20° | 26157 | 28756 | 31513 | 28756 |
| 25° | 26297 | 28696 | 31006 | 28696 |
| 30° | 25644 | 27649 | 28144 | 27649 |
| 35° | 23456 | 24119 | 22884 | 24119 |
| 40° | 21536 | 16778 | 17519 | 16778 |
| 45° | 19136 | 10235 | 11844 | 10235 |
| 50° | 16196 | 6836 | 7594 | 6836 |
| 55° | 13413 | 4666 | 4930 | 4666 |
| 60° | 10231 | 3108 | 3133 | 3108 |
| 65° | 7253 | 1934 | 1773 | 1934 |
| 70° | 5229 | 1298 | 1172 | 1298 |
| 75° | 3324 | 643 | 536 | 643 |
| 80° | 2309 | 479 | 391 | 479 |
| 85° | 2052 | 0 | 142 | 0 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 87.6 | 5.7 |
| 10°-20° | 253.8 | 16.4 |
| 20°-30° | 384.3 | 24.8 |
| 30°-40° | 385.2 | 24.8 |
| 40°-50° | 241.9 | 15.6 |
| 50°-60° | 128.9 | 8.3 |
| 60°-70° | 53.0 | 3.4 |
| 70°-80° | 14.0 | 0.9 |
| 80°-90° | 2.4 | 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° | 725.7 | 46.8 |
| 0°-40° | 1110.9 | 71.6 |
| 0°-60° | 1481.6 | 95.5 |
| 0°-90° | 1551.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1551.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|-----|-----|------|------|------|------|
| 0° | 921 | 921 | 921 | 921 | 921 | |
| 5° | 893 | 919 | 952 | 919 | 893 | 84 |
| 15° | 825 | 896 | 985 | 896 | 825 | 233 |
| 25° | 773 | 843 | 911 | 843 | 773 | 354 |
| 35° | 623 | 641 | 608 | 641 | 623 | 390 |
| 45° | 439 | 235 | 272 | 235 | 439 | 337 |
| 55° | 250 | 87 | 92 | 87 | 250 | 222 |
| 65° | 99 | 26 | 24 | 26 | 99 | 103 |
| 75° | 28 | 5 | 4 | 5 | 28 | 32 |
| 85° | 6 | 0 | 0 | 0 | 6 | 6 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P244975

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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 |
| 2.5° | 911.3 | 910.4 | 910.0 | 910.9 | 911.3 | 913.1 | 912.7 | 913.6 | 913.6 | 914.0 | 914.9 |
| 5° | 892.9 | 892.4 | 892.9 | 892.9 | 894.7 | 896.5 | 896.1 | 897.4 | 898.3 | 900.6 | 901.4 |
| 7.5° | 875.8 | 875.8 | 875.4 | 877.2 | 878.1 | 880.8 | 880.3 | 882.6 | 883.9 | 886.2 | 889.3 |
| 10° | 858.3 | 858.3 | 858.7 | 860.1 | 860.5 | 864.6 | 864.6 | 867.7 | 869.5 | 871.8 | 875.8 |
| 12.5° | 841.2 | 841.2 | 843.9 | 843.0 | 844.8 | 847.9 | 849.3 | 852.4 | 855.1 | 859.6 | 863.7 |
| 15° | 825.0 | 825.0 | 825.9 | 828.2 | 829.5 | 833.6 | 835.8 | 839.4 | 842.6 | 847.1 | 852.9 |
| 17.5° | 811.1 | 810.6 | 811.1 | 813.8 | 816.5 | 820.1 | 821.9 | 826.4 | 829.5 | 835.4 | 840.8 |
| 20° | 797.1 | 798.0 | 798.0 | 800.3 | 802.1 | 806.6 | 808.4 | 813.3 | 816.9 | 822.3 | 828.6 |
| 22.5° | 785.0 | 784.6 | 784.6 | 787.7 | 789.1 | 793.1 | 794.9 | 799.4 | 803.4 | 807.9 | 813.8 |
| 25° | 772.9 | 772.0 | 773.8 | 774.2 | 775.1 | 779.6 | 780.9 | 784.1 | 788.1 | 792.2 | 798.0 |
| 27.5° | 754.9 | 754.0 | 754.4 | 756.2 | 757.6 | 761.2 | 762.1 | 765.2 | 768.4 | 772.0 | 776.9 |
| 30° | 720.2 | 719.4 | 718.9 | 722.1 | 723.4 | 726.1 | 727.4 | 732.9 | 733.7 | 737.8 | 741.4 |
| 32.5° | 674.4 | 673.9 | 674.9 | 677.5 | 678.9 | 682.5 | 684.3 | 687.4 | 689.7 | 691.9 | 695.5 |
| 35° | 623.1 | 622.2 | 623.1 | 625.9 | 625.9 | 629.0 | 630.3 | 631.7 | 631.2 | 631.7 | 630.8 |
| 37.5° | 575.5 | 575.0 | 575.5 | 576.8 | 575.5 | 576.8 | 575.5 | 572.8 | 567.9 | 562.4 | 557.0 |
| 40° | 535.0 | 535.5 | 532.8 | 534.6 | 529.6 | 528.7 | 523.8 | 517.0 | 507.2 | 496.4 | 481.1 |
| 42.5° | 491.9 | 490.5 | 488.7 | 489.6 | 485.6 | 482.4 | 474.3 | 465.8 | 453.2 | 435.2 | 416.8 |
| 45° | 438.8 | 438.4 | 437.5 | 437.0 | 434.3 | 431.2 | 424.4 | 414.5 | 400.6 | 382.2 | 360.1 |
| 47.5° | 387.1 | 385.8 | 385.8 | 386.2 | 383.1 | 382.6 | 377.2 | 368.7 | 356.5 | 338.5 | 315.6 |
| 50° | 337.6 | 337.2 | 338.1 | 339.9 | 337.6 | 336.8 | 333.2 | 327.3 | 316.5 | 301.2 | 279.6 |
| 52.5° | 293.1 | 292.7 | 293.6 | 295.8 | 294.9 | 295.8 | 292.2 | 287.7 | 280.5 | 265.7 | 246.8 |
| 55° | 249.5 | 249.5 | 249.5 | 252.2 | 252.2 | 252.2 | 250.4 | 247.7 | 241.0 | 230.2 | 212.7 |
| 57.5° | 204.1 | 204.6 | 207.3 | 207.7 | 207.3 | 208.2 | 207.7 | 205.0 | 200.5 | 192.9 | 179.4 |
| 60° | 165.9 | 165.9 | 167.3 | 168.6 | 168.1 | 168.6 | 168.6 | 167.3 | 162.8 | 156.5 | 145.7 |
| 62.5° | 131.3 | 132.6 | 131.7 | 132.6 | 134.4 | 132.6 | 131.7 | 130.8 | 127.7 | 123.6 | 114.6 |
| 65° | 99.4 | 100.3 | 100.3 | 100.7 | 99.8 | 100.3 | 98.5 | 97.1 | 95.3 | 90.8 | 85.0 |
| 67.5° | 75.5 | 75.5 | 75.5 | 75.5 | 75.1 | 74.6 | 74.2 | 72.8 | 69.7 | 67.9 | 61.6 |
| 70° | 58.0 | 55.3 | 55.3 | 55.3 | 55.3 | 55.8 | 54.4 | 52.6 | 51.7 | 48.6 | 44.1 |
| 72.5° | 38.7 | 39.6 | 38.7 | 38.7 | 37.8 | 38.2 | 36.4 | 35.5 | 34.6 | 32.8 | 30.1 |
| 75° | 27.9 | 25.6 | 26.5 | 27.0 | 25.6 | 26.5 | 24.7 | 22.9 | 22.9 | 21.6 | 20.2 |
| 77.5° | 18.0 | 17.5 | 18.0 | 18.4 | 18.0 | 17.5 | 16.6 | 15.7 | 15.7 | 15.3 | 13.9 |
| 80° | 13.0 | 12.6 | 12.6 | 12.6 | 12.1 | 12.6 | 11.7 | 11.7 | 10.8 | 10.3 | 9.4 |
| 82.5° | 8.5 | 8.5 | 8.1 | 8.5 | 8.1 | 8.5 | 7.2 | 7.2 | 7.2 | 6.7 | 5.8 |
| 85° | 5.8 | 4.9 | 4.9 | 5.4 | 4.5 | 5.4 | 4.9 | 4.5 | 4.1 | 4.1 | 3.6 |
| 87.5° | 2.7 | 3.1 | 2.7 | 3.1 | 2.7 | 2.7 | 3.1 | 2.7 | 2.7 | 1.8 | 1.8 |
| 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: P244975

CATALOG NUMBER: LSR8B15D010 EC8B15850 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 |
| 2.5° | 916.3 | 916.7 | 916.7 | 918.5 | 919.4 | 919.9 | 919.9 | 923.5 | 922.1 | 923.0 | 923.9 |
| 5° | 903.3 | 905.9 | 906.8 | 906.8 | 911.8 | 913.6 | 915.4 | 919.4 | 919.9 | 922.6 | 925.7 |
| 7.5° | 890.7 | 893.8 | 895.6 | 899.6 | 902.8 | 905.9 | 911.3 | 914.0 | 916.7 | 920.3 | 924.4 |
| 10° | 878.5 | 882.1 | 885.7 | 888.9 | 893.8 | 897.9 | 901.4 | 907.7 | 910.9 | 915.8 | 921.2 |
| 12.5° | 866.8 | 871.8 | 874.9 | 880.3 | 885.7 | 889.3 | 894.7 | 900.6 | 905.5 | 910.4 | 916.7 |
| 15° | 856.5 | 862.3 | 865.9 | 871.8 | 877.6 | 882.6 | 888.4 | 895.6 | 899.2 | 905.0 | 910.9 |
| 17.5° | 845.2 | 851.5 | 856.0 | 861.4 | 868.6 | 874.0 | 879.0 | 886.2 | 890.7 | 896.9 | 903.7 |
| 20° | 833.6 | 839.9 | 845.2 | 850.6 | 857.8 | 863.2 | 869.1 | 876.3 | 881.2 | 887.5 | 892.9 |
| 22.5° | 819.6 | 825.5 | 831.3 | 837.6 | 844.8 | 849.3 | 856.0 | 862.3 | 867.7 | 873.6 | 879.0 |
| 25° | 801.6 | 808.8 | 813.3 | 819.2 | 825.0 | 830.0 | 837.2 | 843.4 | 847.9 | 853.3 | 858.3 |
| 27.5° | 780.5 | 785.9 | 789.5 | 794.4 | 800.3 | 804.8 | 810.2 | 816.5 | 821.0 | 825.9 | 829.5 |
| 30° | 744.5 | 749.5 | 752.6 | 756.2 | 762.1 | 766.1 | 770.6 | 776.5 | 779.6 | 783.2 | 786.4 |
| 32.5° | 697.3 | 701.4 | 703.2 | 705.9 | 709.9 | 714.0 | 717.6 | 722.5 | 723.9 | 726.1 | 726.1 |
| 35° | 629.0 | 629.9 | 629.4 | 630.3 | 632.1 | 634.4 | 637.5 | 640.7 | 642.5 | 642.5 | 641.1 |
| 37.5° | 549.0 | 543.6 | 537.7 | 533.2 | 531.9 | 531.0 | 532.8 | 534.1 | 535.9 | 536.8 | 534.6 |
| 40° | 465.8 | 453.7 | 440.6 | 428.9 | 420.8 | 417.2 | 415.9 | 416.8 | 416.8 | 419.9 | 419.9 |
| 42.5° | 394.3 | 375.4 | 356.1 | 338.5 | 326.9 | 317.9 | 313.8 | 313.8 | 314.3 | 316.5 | 317.9 |
| 45° | 335.0 | 311.1 | 288.6 | 269.3 | 253.1 | 241.4 | 236.0 | 234.7 | 234.2 | 235.1 | 238.3 |
| 47.5° | 289.5 | 264.8 | 241.4 | 217.6 | 200.5 | 188.8 | 183.9 | 182.1 | 180.3 | 182.1 | 182.5 |
| 50° | 254.0 | 228.4 | 203.7 | 179.8 | 161.9 | 151.5 | 145.2 | 142.5 | 142.1 | 142.1 | 143.0 |
| 52.5° | 221.6 | 197.8 | 173.1 | 148.8 | 129.9 | 120.0 | 114.2 | 112.8 | 111.1 | 112.8 | 112.8 |
| 55° | 191.1 | 167.3 | 143.0 | 120.0 | 104.3 | 94.0 | 88.6 | 86.8 | 85.9 | 87.2 | 87.2 |
| 57.5° | 157.8 | 137.6 | 115.1 | 94.4 | 78.7 | 71.5 | 67.4 | 65.2 | 64.7 | 65.6 | 64.7 |
| 60° | 129.5 | 112.4 | 93.1 | 74.2 | 62.1 | 54.4 | 51.3 | 50.4 | 49.4 | 50.4 | 50.4 |
| 62.5° | 102.5 | 88.1 | 72.4 | 58.0 | 47.7 | 42.3 | 38.7 | 38.7 | 38.2 | 38.2 | 38.7 |
| 65° | 76.0 | 64.7 | 53.5 | 41.4 | 33.3 | 29.2 | 26.5 | 26.5 | 26.1 | 26.5 | 26.1 |
| 67.5° | 55.3 | 47.7 | 38.7 | 30.1 | 23.8 | 21.6 | 19.8 | 18.4 | 19.3 | 18.4 | 18.0 |
| 70° | 40.5 | 34.2 | 27.9 | 22.9 | 18.4 | 16.2 | 14.8 | 14.4 | 13.5 | 13.5 | 13.5 |
| 72.5° | 27.0 | 22.9 | 18.9 | 14.8 | 12.1 | 9.9 | 9.4 | 8.5 | 7.6 | 8.1 | 9.0 |
| 75° | 18.0 | 15.3 | 13.5 | 10.8 | 8.1 | 8.1 | 5.4 | 5.4 | 4.5 | 5.4 | 4.1 |
| 77.5° | 12.6 | 10.3 | 8.1 | 6.7 | 5.4 | 4.9 | 3.6 | 3.6 | 3.1 | 3.1 | 3.1 |
| 80° | 9.0 | 7.6 | 5.8 | 4.9 | 3.6 | 3.6 | 3.1 | 2.7 | 2.2 | 2.2 | 2.7 |
| 82.5° | 5.4 | 4.1 | 4.1 | 3.6 | 2.2 | 1.8 | 1.4 | 1.8 | 0.9 | 0.9 | 0.9 |
| 85° | 3.1 | 2.7 | 2.2 | 1.4 | 0.9 | 0.9 | 0.4 | 0.0 | 0.4 | 0.4 | 0.0 |
| 87.5° | 1.8 | 0.9 | 0.9 | 0.4 | 0.0 | 0.4 | 0.4 | 0.0 | 0.0 | 0.0 | 0.9 |
| 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: P244975

CATALOG NUMBER: LSR8B15D010 EC8B15850 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 |
| 2.5° | 926.2 | 925.7 | 926.6 | 926.6 | 929.3 | 928.9 | 930.2 | 930.2 | 929.3 | 929.8 | 931.6 |
| 5° | 929.3 | 930.7 | 933.4 | 935.6 | 939.7 | 941.5 | 943.7 | 946.0 | 946.4 | 947.8 | 949.1 |
| 7.5° | 929.3 | 933.8 | 937.0 | 941.0 | 946.4 | 949.6 | 954.5 | 958.6 | 960.3 | 962.6 | 965.3 |
| 10° | 927.5 | 932.0 | 937.9 | 942.4 | 949.1 | 954.1 | 959.0 | 965.3 | 968.0 | 971.6 | 975.2 |
| 12.5° | 923.9 | 928.9 | 935.2 | 941.0 | 948.6 | 953.1 | 959.4 | 965.3 | 969.3 | 974.3 | 978.3 |
| 15° | 918.5 | 924.4 | 930.2 | 936.1 | 944.2 | 949.6 | 955.4 | 962.1 | 966.2 | 971.6 | 975.2 |
| 17.5° | 910.0 | 916.3 | 921.7 | 927.1 | 934.7 | 941.0 | 946.4 | 952.7 | 956.8 | 961.3 | 966.2 |
| 20° | 899.6 | 905.5 | 911.3 | 915.8 | 923.5 | 928.9 | 934.7 | 940.6 | 943.7 | 944.6 | 952.3 |
| 22.5° | 886.6 | 890.7 | 895.1 | 902.3 | 906.8 | 911.8 | 917.2 | 922.6 | 925.7 | 930.7 | 933.4 |
| 25° | 865.0 | 869.1 | 874.0 | 877.2 | 882.6 | 886.6 | 892.0 | 897.9 | 899.6 | 903.3 | 905.9 |
| 27.5° | 834.9 | 837.2 | 839.4 | 842.1 | 845.2 | 847.5 | 850.6 | 853.3 | 855.1 | 856.9 | 858.7 |
| 30° | 787.2 | 787.2 | 787.2 | 785.4 | 786.8 | 788.1 | 788.6 | 788.1 | 788.1 | 787.7 | 787.7 |
| 32.5° | 724.3 | 720.7 | 716.7 | 713.1 | 711.7 | 709.9 | 709.0 | 707.7 | 705.4 | 704.1 | 704.5 |
| 35° | 639.3 | 631.2 | 626.3 | 621.8 | 618.2 | 615.5 | 614.2 | 612.8 | 612.4 | 610.6 | 608.8 |
| 37.5° | 533.2 | 527.4 | 523.8 | 521.1 | 517.9 | 515.2 | 515.7 | 516.1 | 517.5 | 516.6 | 517.0 |
| 40° | 420.8 | 419.5 | 420.8 | 417.7 | 416.8 | 417.7 | 419.9 | 423.1 | 424.9 | 426.7 | 429.8 |
| 42.5° | 320.1 | 322.4 | 325.5 | 325.5 | 326.9 | 328.7 | 331.3 | 336.3 | 339.0 | 342.1 | 345.7 |
| 45° | 241.0 | 243.7 | 247.7 | 249.1 | 250.0 | 252.2 | 255.4 | 259.4 | 261.2 | 263.9 | 267.1 |
| 47.5° | 185.7 | 187.5 | 189.7 | 192.0 | 194.2 | 195.1 | 198.3 | 198.3 | 200.5 | 202.3 | 203.2 |
| 50° | 144.8 | 146.6 | 148.4 | 149.7 | 150.6 | 152.0 | 152.9 | 154.2 | 154.7 | 155.6 | 156.0 |
| 52.5° | 113.3 | 115.6 | 115.6 | 116.4 | 117.8 | 119.1 | 118.7 | 119.1 | 119.6 | 119.6 | 120.9 |
| 55° | 88.6 | 88.6 | 89.9 | 89.9 | 90.8 | 90.4 | 90.8 | 90.8 | 90.8 | 90.8 | 91.3 |
| 57.5° | 66.1 | 66.5 | 67.9 | 67.0 | 66.5 | 67.4 | 66.5 | 67.4 | 67.0 | 67.9 | 66.5 |
| 60° | 50.8 | 50.8 | 51.3 | 51.3 | 51.7 | 51.7 | 51.7 | 51.3 | 51.3 | 50.8 | 50.8 |
| 62.5° | 38.2 | 38.7 | 39.1 | 38.7 | 38.7 | 38.7 | 38.2 | 38.2 | 37.8 | 37.3 | 37.3 |
| 65° | 25.6 | 25.2 | 26.1 | 25.2 | 25.6 | 25.6 | 25.2 | 25.6 | 24.3 | 24.7 | 24.3 |
| 67.5° | 18.4 | 18.0 | 17.5 | 18.0 | 17.5 | 17.1 | 17.1 | 17.5 | 18.0 | 16.6 | 16.6 |
| 70° | 12.1 | 12.6 | 12.1 | 12.6 | 13.0 | 13.0 | 12.6 | 12.1 | 12.6 | 11.7 | 12.1 |
| 72.5° | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 8.1 | 8.1 | 8.1 | 7.2 | 7.2 | 6.7 |
| 75° | 3.6 | 4.9 | 4.1 | 3.6 | 4.9 | 4.9 | 4.5 | 4.5 | 4.1 | 4.1 | 4.1 |
| 77.5° | 3.6 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.2 | 2.7 | 2.2 |
| 80° | 1.8 | 1.8 | 1.8 | 1.4 | 1.8 | 1.8 | 2.2 | 1.8 | 1.8 | 1.4 | 2.2 |
| 82.5° | 0.9 | 0.9 | 0.9 | 0.0 | 0.4 | 0.9 | 0.9 | 0.4 | 0.9 | 0.9 | 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: P244975

CATALOG NUMBER: LSR8B15D010 EC8B15850 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 |
| 2.5° | 931.1 | 930.7 | 931.1 | 931.6 | 931.1 | 930.7 | 931.1 | 931.6 | 929.8 | 929.3 | 930.2 |
| 5° | 950.9 | 950.9 | 951.8 | 952.3 | 951.8 | 950.9 | 950.9 | 949.1 | 947.8 | 946.4 | 946.0 |
| 7.5° | 968.0 | 968.9 | 969.8 | 970.2 | 969.8 | 968.9 | 968.0 | 965.3 | 962.6 | 960.3 | 958.6 |
| 10° | 978.3 | 979.7 | 981.5 | 982.4 | 981.5 | 979.7 | 978.3 | 975.2 | 971.6 | 968.0 | 965.3 |
| 12.5° | 982.8 | 984.2 | 986.4 | 986.0 | 986.4 | 984.2 | 982.8 | 978.3 | 974.3 | 969.3 | 965.3 |
| 15° | 979.7 | 981.5 | 983.7 | 984.6 | 983.7 | 981.5 | 979.7 | 975.2 | 971.6 | 966.2 | 962.1 |
| 17.5° | 969.8 | 972.5 | 973.8 | 975.2 | 973.8 | 972.5 | 969.8 | 966.2 | 961.3 | 956.8 | 952.7 |
| 20° | 956.3 | 958.1 | 959.9 | 960.3 | 959.9 | 958.1 | 956.3 | 952.3 | 944.6 | 943.7 | 940.6 |
| 22.5° | 937.0 | 938.3 | 942.4 | 941.0 | 942.4 | 938.3 | 937.0 | 933.4 | 930.7 | 925.7 | 922.6 |
| 25° | 909.1 | 910.4 | 910.9 | 911.3 | 910.9 | 910.4 | 909.1 | 905.9 | 903.3 | 899.6 | 897.9 |
| 27.5° | 861.0 | 861.0 | 861.9 | 862.3 | 861.9 | 861.0 | 861.0 | 858.7 | 856.9 | 855.1 | 853.3 |
| 30° | 788.1 | 788.1 | 788.1 | 790.4 | 788.1 | 788.1 | 788.1 | 787.7 | 787.7 | 788.1 | 788.1 |
| 32.5° | 704.1 | 703.2 | 702.3 | 703.2 | 702.3 | 703.2 | 704.1 | 704.5 | 704.1 | 705.4 | 707.7 |
| 35° | 608.8 | 608.3 | 609.7 | 607.9 | 609.7 | 608.3 | 608.8 | 608.8 | 610.6 | 612.4 | 612.8 |
| 37.5° | 517.5 | 516.6 | 518.4 | 516.6 | 518.4 | 516.6 | 517.5 | 517.0 | 516.6 | 517.5 | 516.1 |
| 40° | 430.7 | 431.6 | 431.6 | 435.2 | 431.6 | 431.6 | 430.7 | 429.8 | 426.7 | 424.9 | 423.1 |
| 42.5° | 347.5 | 350.2 | 349.3 | 352.0 | 349.3 | 350.2 | 347.5 | 345.7 | 342.1 | 339.0 | 336.3 |
| 45° | 268.9 | 270.7 | 270.7 | 271.6 | 270.7 | 270.7 | 268.9 | 267.1 | 263.9 | 261.2 | 259.4 |
| 47.5° | 206.4 | 206.4 | 206.4 | 206.8 | 206.4 | 206.4 | 206.4 | 203.2 | 202.3 | 200.5 | 198.3 |
| 50° | 156.9 | 157.4 | 157.8 | 158.3 | 157.8 | 157.4 | 156.9 | 156.0 | 155.6 | 154.7 | 154.2 |
| 52.5° | 120.5 | 120.9 | 120.0 | 120.9 | 120.0 | 120.9 | 120.5 | 120.9 | 119.6 | 119.6 | 119.1 |
| 55° | 91.3 | 90.8 | 91.3 | 91.7 | 91.3 | 90.8 | 91.3 | 91.3 | 90.8 | 90.8 | 90.8 |
| 57.5° | 67.0 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 67.0 | 66.5 | 67.9 | 67.0 | 67.4 |
| 60° | 49.9 | 50.4 | 50.4 | 50.8 | 50.4 | 50.4 | 49.9 | 50.8 | 50.8 | 51.3 | 51.3 |
| 62.5° | 36.9 | 38.2 | 37.3 | 38.2 | 37.3 | 38.2 | 36.9 | 37.3 | 37.3 | 37.8 | 38.2 |
| 65° | 23.8 | 23.8 | 23.8 | 24.3 | 23.8 | 23.8 | 23.8 | 24.3 | 24.7 | 24.3 | 25.6 |
| 67.5° | 16.2 | 16.6 | 17.5 | 17.1 | 17.5 | 16.6 | 16.2 | 16.6 | 16.6 | 18.0 | 17.5 |
| 70° | 13.0 | 11.7 | 11.7 | 13.0 | 11.7 | 11.7 | 13.0 | 12.1 | 11.7 | 12.6 | 12.1 |
| 72.5° | 7.6 | 6.7 | 7.6 | 7.6 | 7.6 | 6.7 | 7.6 | 6.7 | 7.2 | 7.2 | 8.1 |
| 75° | 4.1 | 3.6 | 3.1 | 4.5 | 3.1 | 3.6 | 4.1 | 4.1 | 4.1 | 4.1 | 4.5 |
| 77.5° | 2.7 | 2.2 | 3.1 | 3.1 | 3.1 | 2.2 | 2.7 | 2.2 | 2.7 | 2.2 | 2.7 |
| 80° | 1.4 | 1.8 | 1.4 | 2.2 | 1.4 | 1.8 | 1.4 | 2.2 | 1.4 | 1.8 | 1.8 |
| 82.5° | 0.4 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.4 | 0.4 | 0.9 | 0.9 | 0.4 |
| 85° | 0.0 | 0.9 | 0.4 | 0.4 | 0.4 | 0.9 | 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: P244975

CATALOG NUMBER: LSR8B15D010 EC8B15850 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 |
| 2.5° | 930.2 | 928.9 | 929.3 | 926.6 | 926.6 | 925.7 | 926.2 | 923.9 | 923.0 | 922.1 | 923.5 |
| 5° | 943.7 | 941.5 | 939.7 | 935.6 | 933.4 | 930.7 | 929.3 | 925.7 | 922.6 | 919.9 | 919.4 |
| 7.5° | 954.5 | 949.6 | 946.4 | 941.0 | 937.0 | 933.8 | 929.3 | 924.4 | 920.3 | 916.7 | 914.0 |
| 10° | 959.0 | 954.1 | 949.1 | 942.4 | 937.9 | 932.0 | 927.5 | 921.2 | 915.8 | 910.9 | 907.7 |
| 12.5° | 959.4 | 953.1 | 948.6 | 941.0 | 935.2 | 928.9 | 923.9 | 916.7 | 910.4 | 905.5 | 900.6 |
| 15° | 955.4 | 949.6 | 944.2 | 936.1 | 930.2 | 924.4 | 918.5 | 910.9 | 905.0 | 899.2 | 895.6 |
| 17.5° | 946.4 | 941.0 | 934.7 | 927.1 | 921.7 | 916.3 | 910.0 | 903.7 | 896.9 | 890.7 | 886.2 |
| 20° | 934.7 | 928.9 | 923.5 | 915.8 | 911.3 | 905.5 | 899.6 | 892.9 | 887.5 | 881.2 | 876.3 |
| 22.5° | 917.2 | 911.8 | 906.8 | 902.3 | 895.1 | 890.7 | 886.6 | 879.0 | 873.6 | 867.7 | 862.3 |
| 25° | 892.0 | 886.6 | 882.6 | 877.2 | 874.0 | 869.1 | 865.0 | 858.3 | 853.3 | 847.9 | 843.4 |
| 27.5° | 850.6 | 847.5 | 845.2 | 842.1 | 839.4 | 837.2 | 834.9 | 829.5 | 825.9 | 821.0 | 816.5 |
| 30° | 788.6 | 788.1 | 786.8 | 785.4 | 787.2 | 787.2 | 787.2 | 786.4 | 783.2 | 779.6 | 776.5 |
| 32.5° | 709.0 | 709.9 | 711.7 | 713.1 | 716.7 | 720.7 | 724.3 | 726.1 | 726.1 | 723.9 | 722.5 |
| 35° | 614.2 | 615.5 | 618.2 | 621.8 | 626.3 | 631.2 | 639.3 | 641.1 | 642.5 | 642.5 | 640.7 |
| 37.5° | 515.7 | 515.2 | 517.9 | 521.1 | 523.8 | 527.4 | 533.2 | 534.6 | 536.8 | 535.9 | 534.1 |
| 40° | 419.9 | 417.7 | 416.8 | 417.7 | 420.8 | 419.5 | 420.8 | 419.9 | 419.9 | 416.8 | 416.8 |
| 42.5° | 331.3 | 328.7 | 326.9 | 325.5 | 325.5 | 322.4 | 320.1 | 317.9 | 316.5 | 314.3 | 313.8 |
| 45° | 255.4 | 252.2 | 250.0 | 249.1 | 247.7 | 243.7 | 241.0 | 238.3 | 235.1 | 234.2 | 234.7 |
| 47.5° | 198.3 | 195.1 | 194.2 | 192.0 | 189.7 | 187.5 | 185.7 | 182.5 | 182.1 | 180.3 | 182.1 |
| 50° | 152.9 | 152.0 | 150.6 | 149.7 | 148.4 | 146.6 | 144.8 | 143.0 | 142.1 | 142.1 | 142.5 |
| 52.5° | 118.7 | 119.1 | 117.8 | 116.4 | 115.6 | 115.6 | 113.3 | 112.8 | 112.8 | 111.1 | 112.8 |
| 55° | 90.8 | 90.4 | 90.8 | 89.9 | 89.9 | 88.6 | 88.6 | 87.2 | 87.2 | 85.9 | 86.8 |
| 57.5° | 66.5 | 67.4 | 66.5 | 67.0 | 67.9 | 66.5 | 66.1 | 64.7 | 65.6 | 64.7 | 65.2 |
| 60° | 51.7 | 51.7 | 51.7 | 51.3 | 51.3 | 50.8 | 50.8 | 50.4 | 50.4 | 49.4 | 50.4 |
| 62.5° | 38.2 | 38.7 | 38.7 | 38.7 | 39.1 | 38.7 | 38.2 | 38.7 | 38.2 | 38.2 | 38.7 |
| 65° | 25.2 | 25.6 | 25.6 | 25.2 | 26.1 | 25.2 | 25.6 | 26.1 | 26.5 | 26.1 | 26.5 |
| 67.5° | 17.1 | 17.1 | 17.5 | 18.0 | 17.5 | 18.0 | 18.4 | 18.0 | 18.4 | 19.3 | 18.4 |
| 70° | 12.6 | 13.0 | 13.0 | 12.6 | 12.1 | 12.6 | 12.1 | 13.5 | 13.5 | 13.5 | 14.4 |
| 72.5° | 8.1 | 8.1 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 9.0 | 8.1 | 7.6 | 8.5 |
| 75° | 4.5 | 4.9 | 4.9 | 3.6 | 4.1 | 4.9 | 3.6 | 4.1 | 5.4 | 4.5 | 5.4 |
| 77.5° | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 3.6 | 3.1 | 3.1 | 3.1 | 3.6 |
| 80° | 2.2 | 1.8 | 1.8 | 1.4 | 1.8 | 1.8 | 1.8 | 2.7 | 2.2 | 2.2 | 2.7 |
| 82.5° | 0.9 | 0.9 | 0.4 | 0.0 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 1.8 |
| 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 | 0.9 | 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: P244975

CATALOG NUMBER: LSR8B15D010 EC8B15850 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 |
| 2.5° | 919.9 | 919.9 | 919.4 | 918.5 | 916.7 | 916.7 | 916.3 | 914.9 | 914.0 | 913.6 | 913.6 |
| 5° | 915.4 | 913.6 | 911.8 | 906.8 | 906.8 | 905.9 | 903.3 | 901.4 | 900.6 | 898.3 | 897.4 |
| 7.5° | 911.3 | 905.9 | 902.8 | 899.6 | 895.6 | 893.8 | 890.7 | 889.3 | 886.2 | 883.9 | 882.6 |
| 10° | 901.4 | 897.9 | 893.8 | 888.9 | 885.7 | 882.1 | 878.5 | 875.8 | 871.8 | 869.5 | 867.7 |
| 12.5° | 894.7 | 889.3 | 885.7 | 880.3 | 874.9 | 871.8 | 866.8 | 863.7 | 859.6 | 855.1 | 852.4 |
| 15° | 888.4 | 882.6 | 877.6 | 871.8 | 865.9 | 862.3 | 856.5 | 852.9 | 847.1 | 842.6 | 839.4 |
| 17.5° | 879.0 | 874.0 | 868.6 | 861.4 | 856.0 | 851.5 | 845.2 | 840.8 | 835.4 | 829.5 | 826.4 |
| 20° | 869.1 | 863.2 | 857.8 | 850.6 | 845.2 | 839.9 | 833.6 | 828.6 | 822.3 | 816.9 | 813.3 |
| 22.5° | 856.0 | 849.3 | 844.8 | 837.6 | 831.3 | 825.5 | 819.6 | 813.8 | 807.9 | 803.4 | 799.4 |
| 25° | 837.2 | 830.0 | 825.0 | 819.2 | 813.3 | 808.8 | 801.6 | 798.0 | 792.2 | 788.1 | 784.1 |
| 27.5° | 810.2 | 804.8 | 800.3 | 794.4 | 789.5 | 785.9 | 780.5 | 776.9 | 772.0 | 768.4 | 765.2 |
| 30° | 770.6 | 766.1 | 762.1 | 756.2 | 752.6 | 749.5 | 744.5 | 741.4 | 737.8 | 733.7 | 732.9 |
| 32.5° | 717.6 | 714.0 | 709.9 | 705.9 | 703.2 | 701.4 | 697.3 | 695.5 | 691.9 | 689.7 | 687.4 |
| 35° | 637.5 | 634.4 | 632.1 | 630.3 | 629.4 | 629.9 | 629.0 | 630.8 | 631.7 | 631.2 | 631.7 |
| 37.5° | 532.8 | 531.0 | 531.9 | 533.2 | 537.7 | 543.6 | 549.0 | 557.0 | 562.4 | 567.9 | 572.8 |
| 40° | 415.9 | 417.2 | 420.8 | 428.9 | 440.6 | 453.7 | 465.8 | 481.1 | 496.4 | 507.2 | 517.0 |
| 42.5° | 313.8 | 317.9 | 326.9 | 338.5 | 356.1 | 375.4 | 394.3 | 416.8 | 435.2 | 453.2 | 465.8 |
| 45° | 236.0 | 241.4 | 253.1 | 269.3 | 288.6 | 311.1 | 335.0 | 360.1 | 382.2 | 400.6 | 414.5 |
| 47.5° | 183.9 | 188.8 | 200.5 | 217.6 | 241.4 | 264.8 | 289.5 | 315.6 | 338.5 | 356.5 | 368.7 |
| 50° | 145.2 | 151.5 | 161.9 | 179.8 | 203.7 | 228.4 | 254.0 | 279.6 | 301.2 | 316.5 | 327.3 |
| 52.5° | 114.2 | 120.0 | 129.9 | 148.8 | 173.1 | 197.8 | 221.6 | 246.8 | 265.7 | 280.5 | 287.7 |
| 55° | 88.6 | 94.0 | 104.3 | 120.0 | 143.0 | 167.3 | 191.1 | 212.7 | 230.2 | 241.0 | 247.7 |
| 57.5° | 67.4 | 71.5 | 78.7 | 94.4 | 115.1 | 137.6 | 157.8 | 179.4 | 192.9 | 200.5 | 205.0 |
| 60° | 51.3 | 54.4 | 62.1 | 74.2 | 93.1 | 112.4 | 129.5 | 145.7 | 156.5 | 162.8 | 167.3 |
| 62.5° | 38.7 | 42.3 | 47.7 | 58.0 | 72.4 | 88.1 | 102.5 | 114.6 | 123.6 | 127.7 | 130.8 |
| 65° | 26.5 | 29.2 | 33.3 | 41.4 | 53.5 | 64.7 | 76.0 | 85.0 | 90.8 | 95.3 | 97.1 |
| 67.5° | 19.8 | 21.6 | 23.8 | 30.1 | 38.7 | 47.7 | 55.3 | 61.6 | 67.9 | 69.7 | 72.8 |
| 70° | 14.8 | 16.2 | 18.4 | 22.9 | 27.9 | 34.2 | 40.5 | 44.1 | 48.6 | 51.7 | 52.6 |
| 72.5° | 9.4 | 9.9 | 12.1 | 14.8 | 18.9 | 22.9 | 27.0 | 30.1 | 32.8 | 34.6 | 35.5 |
| 75° | 5.4 | 8.1 | 8.1 | 10.8 | 13.5 | 15.3 | 18.0 | 20.2 | 21.6 | 22.9 | 22.9 |
| 77.5° | 3.6 | 4.9 | 5.4 | 6.7 | 8.1 | 10.3 | 12.6 | 13.9 | 15.3 | 15.7 | 15.7 |
| 80° | 3.1 | 3.6 | 3.6 | 4.9 | 5.8 | 7.6 | 9.0 | 9.4 | 10.3 | 10.8 | 11.7 |
| 82.5° | 1.4 | 1.8 | 2.2 | 3.6 | 4.1 | 4.1 | 5.4 | 5.8 | 6.7 | 7.2 | 7.2 |
| 85° | 0.4 | 0.9 | 0.9 | 1.4 | 2.2 | 2.7 | 3.1 | 3.6 | 4.1 | 4.1 | 4.5 |
| 87.5° | 0.4 | 0.4 | 0.0 | 0.4 | 0.9 | 0.9 | 1.8 | 1.8 | 1.8 | 2.7 | 2.7 |
| 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: P244975

CATALOG NUMBER: LSR8B15D010 EC8B15850 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 | 920.8 |
| 2.5° | 912.7 | 913.1 | 911.3 | 910.9 | 910.0 | 910.4 | 911.3 |
| 5° | 896.1 | 896.5 | 894.7 | 892.9 | 892.9 | 892.4 | 892.9 |
| 7.5° | 880.3 | 880.8 | 878.1 | 877.2 | 875.4 | 875.8 | 875.8 |
| 10° | 864.6 | 864.6 | 860.5 | 860.1 | 858.7 | 858.3 | 858.3 |
| 12.5° | 849.3 | 847.9 | 844.8 | 843.0 | 843.9 | 841.2 | 841.2 |
| 15° | 835.8 | 833.6 | 829.5 | 828.2 | 825.9 | 825.0 | 825.0 |
| 17.5° | 821.9 | 820.1 | 816.5 | 813.8 | 811.1 | 810.6 | 811.1 |
| 20° | 808.4 | 806.6 | 802.1 | 800.3 | 798.0 | 798.0 | 797.1 |
| 22.5° | 794.9 | 793.1 | 789.1 | 787.7 | 784.6 | 784.6 | 785.0 |
| 25° | 780.9 | 779.6 | 775.1 | 774.2 | 773.8 | 772.0 | 772.9 |
| 27.5° | 762.1 | 761.2 | 757.6 | 756.2 | 754.4 | 754.0 | 754.9 |
| 30° | 727.4 | 726.1 | 723.4 | 722.1 | 718.9 | 719.4 | 720.2 |
| 32.5° | 684.3 | 682.5 | 678.9 | 677.5 | 674.9 | 673.9 | 674.4 |
| 35° | 630.3 | 629.0 | 625.9 | 625.9 | 623.1 | 622.2 | 623.1 |
| 37.5° | 575.5 | 576.8 | 575.5 | 576.8 | 575.5 | 575.0 | 575.5 |
| 40° | 523.8 | 528.7 | 529.6 | 534.6 | 532.8 | 535.5 | 535.0 |
| 42.5° | 474.3 | 482.4 | 485.6 | 489.6 | 488.7 | 490.5 | 491.9 |
| 45° | 424.4 | 431.2 | 434.3 | 437.0 | 437.5 | 438.4 | 438.8 |
| 47.5° | 377.2 | 382.6 | 383.1 | 386.2 | 385.8 | 385.8 | 387.1 |
| 50° | 333.2 | 336.8 | 337.6 | 339.9 | 338.1 | 337.2 | 337.6 |
| 52.5° | 292.2 | 295.8 | 294.9 | 295.8 | 293.6 | 292.7 | 293.1 |
| 55° | 250.4 | 252.2 | 252.2 | 252.2 | 249.5 | 249.5 | 249.5 |
| 57.5° | 207.7 | 208.2 | 207.3 | 207.7 | 207.3 | 204.6 | 204.1 |
| 60° | 168.6 | 168.6 | 168.1 | 168.6 | 167.3 | 165.9 | 165.9 |
| 62.5° | 131.7 | 132.6 | 134.4 | 132.6 | 131.7 | 132.6 | 131.3 |
| 65° | 98.5 | 100.3 | 99.8 | 100.7 | 100.3 | 100.3 | 99.4 |
| 67.5° | 74.2 | 74.6 | 75.1 | 75.5 | 75.5 | 75.5 | 75.5 |
| 70° | 54.4 | 55.8 | 55.3 | 55.3 | 55.3 | 55.3 | 58.0 |
| 72.5° | 36.4 | 38.2 | 37.8 | 38.7 | 38.7 | 39.6 | 38.7 |
| 75° | 24.7 | 26.5 | 25.6 | 27.0 | 26.5 | 25.6 | 27.9 |
| 77.5° | 16.6 | 17.5 | 18.0 | 18.4 | 18.0 | 17.5 | 18.0 |
| 80° | 11.7 | 12.6 | 12.1 | 12.6 | 12.6 | 12.6 | 13.0 |
| 82.5° | 7.2 | 8.5 | 8.1 | 8.5 | 8.1 | 8.5 | 8.5 |
| 85° | 4.9 | 5.4 | 4.5 | 5.4 | 4.9 | 4.9 | 5.8 |
| 87.5° | 3.1 | 2.7 | 2.7 | 3.1 | 2.7 | 3.1 | 2.7 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)