

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: P244999

Luminaire Tested: **LD8B15D010 ER8B15940 8LBSW0WMH**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P244999
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: LD8B15D010 ER8B15940 8LBSW0WMH
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT
90 CRI 4000 CCT WITH WARM HAZE TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1363.0 lumens
Efficiency: N/A
Efficacy: 94.7 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

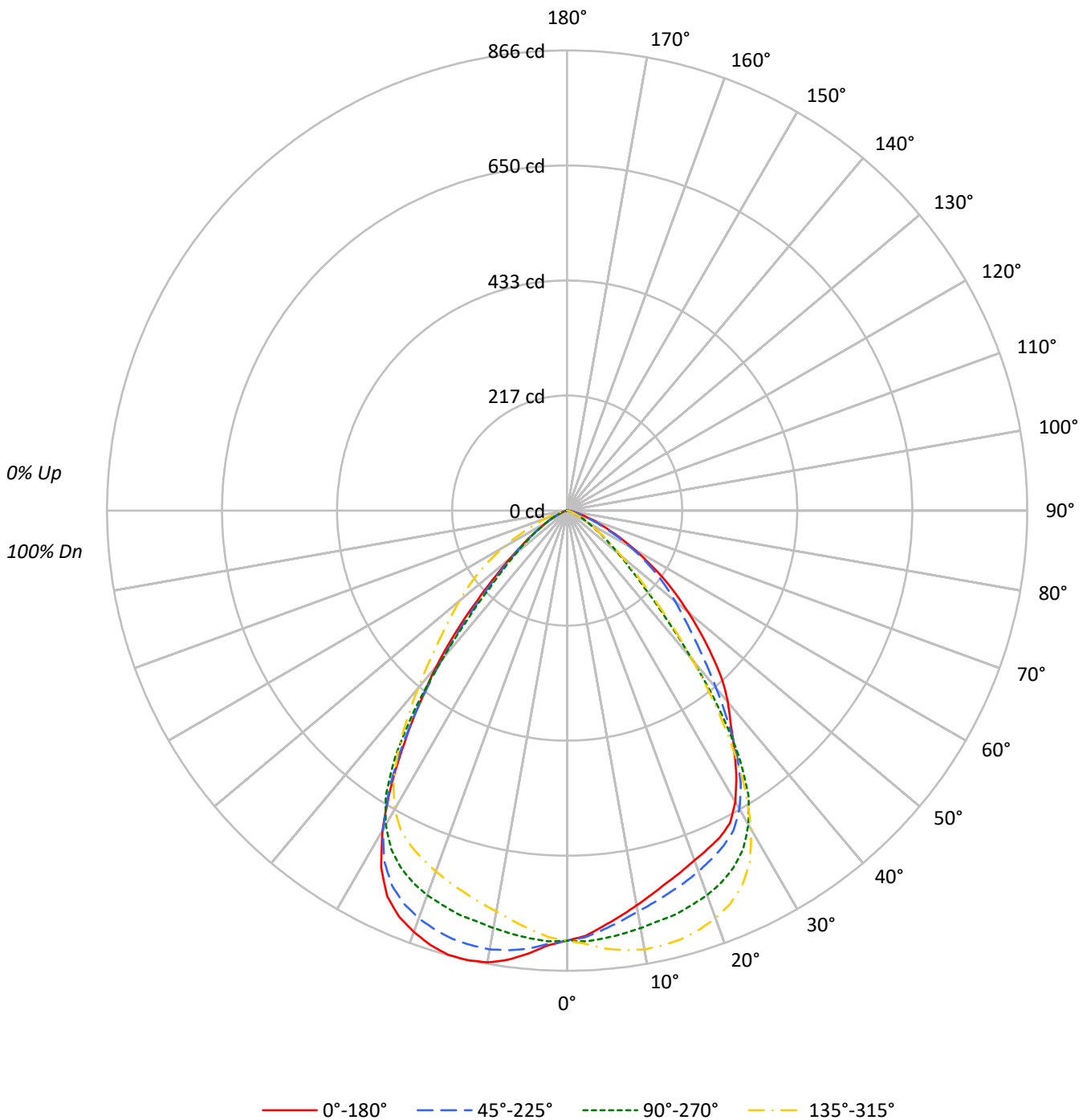
Input Watts (W): 14.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P244999

CATALOG NUMBER: LD8B15D010 ER8B15940 8LBSW0WMH

Luminous Intensity Polar Plot





TEST NUMBER: P244999

CATALOG NUMBER: LD8B15D010 ER8B15940 8LBSW0WMH

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° | 24953 | 24953 | 24953 | 24953 |
| 5° | 24290 | 25011 | 25902 | 25011 |
| 10° | 23619 | 24978 | 27032 | 24978 |
| 15° | 23145 | 25127 | 27624 | 25127 |
| 20° | 22987 | 25271 | 27693 | 25271 |
| 25° | 23109 | 25219 | 27250 | 25219 |
| 30° | 22535 | 24294 | 24732 | 24294 |
| 35° | 20614 | 21194 | 20110 | 21194 |
| 40° | 18927 | 14745 | 15397 | 14745 |
| 45° | 16816 | 8992 | 10405 | 8992 |
| 50° | 14234 | 6006 | 6673 | 6006 |
| 55° | 11790 | 4102 | 4333 | 4102 |
| 60° | 8992 | 2732 | 2751 | 2732 |
| 65° | 6370 | 1700 | 1554 | 1700 |
| 70° | 4598 | 1136 | 1037 | 1136 |
| 75° | 2919 | 560 | 477 | 560 |
| 80° | 2042 | 426 | 355 | 426 |
| 85° | 1804 | 0 | 142 | 0 |



TEST NUMBER: P244999

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 77.0 | 5.7 |
| 10°-20° | 223.0 | 16.4 |
| 20°-30° | 337.7 | 24.8 |
| 30°-40° | 338.5 | 24.8 |
| 40°-50° | 212.5 | 15.6 |
| 50°-60° | 113.3 | 8.3 |
| 60°-70° | 46.6 | 3.4 |
| 70°-80° | 12.3 | 0.9 |
| 80°-90° | 2.1 | 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° | 637.8 | 46.8 |
| 0°-40° | 976.2 | 71.6 |
| 0°-60° | 1302.0 | 95.5 |
| 0°-90° | 1363.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1363.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|-----|-----|------|------|------|------|
| 0° | 809 | 809 | 809 | 809 | 809 | |
| 5° | 785 | 808 | 837 | 808 | 785 | 74 |
| 15° | 725 | 787 | 865 | 787 | 725 | 205 |
| 25° | 679 | 741 | 801 | 741 | 679 | 312 |
| 35° | 548 | 563 | 534 | 563 | 548 | 343 |
| 45° | 386 | 206 | 239 | 206 | 386 | 297 |
| 55° | 219 | 76 | 81 | 76 | 219 | 196 |
| 65° | 87 | 23 | 21 | 23 | 87 | 91 |
| 75° | 24 | 5 | 4 | 5 | 24 | 28 |
| 85° | 5 | 0 | 0 | 0 | 5 | 6 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P244999

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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 |
| 2.5° | 800.9 | 800.1 | 799.7 | 800.5 | 800.9 | 802.5 | 802.1 | 802.8 | 802.8 | 803.3 | 804.0 |
| 5° | 784.7 | 784.3 | 784.7 | 784.7 | 786.3 | 787.8 | 787.4 | 788.6 | 789.4 | 791.4 | 792.2 |
| 7.5° | 769.7 | 769.7 | 769.3 | 770.8 | 771.6 | 774.0 | 773.6 | 775.6 | 776.8 | 778.7 | 781.5 |
| 10° | 754.3 | 754.3 | 754.6 | 755.8 | 756.2 | 759.8 | 759.8 | 762.5 | 764.1 | 766.1 | 769.7 |
| 12.5° | 739.2 | 739.2 | 741.6 | 740.8 | 742.4 | 745.2 | 746.3 | 749.1 | 751.5 | 755.4 | 759.0 |
| 15° | 725.0 | 725.0 | 725.8 | 727.8 | 729.0 | 732.5 | 734.5 | 737.7 | 740.4 | 744.4 | 749.5 |
| 17.5° | 712.8 | 712.4 | 712.8 | 715.1 | 717.5 | 720.7 | 722.2 | 726.2 | 729.0 | 734.1 | 738.8 |
| 20° | 700.5 | 701.3 | 701.3 | 703.3 | 704.9 | 708.8 | 710.4 | 714.7 | 717.9 | 722.6 | 728.2 |
| 22.5° | 689.9 | 689.5 | 689.5 | 692.2 | 693.4 | 697.0 | 698.5 | 702.5 | 706.0 | 710.0 | 715.1 |
| 25° | 679.2 | 678.4 | 680.0 | 680.4 | 681.1 | 685.1 | 686.3 | 689.1 | 692.6 | 696.2 | 701.3 |
| 27.5° | 663.4 | 662.6 | 663.0 | 664.6 | 665.7 | 668.9 | 669.7 | 672.5 | 675.2 | 678.4 | 682.7 |
| 30° | 632.9 | 632.2 | 631.8 | 634.5 | 635.7 | 638.1 | 639.3 | 644.0 | 644.8 | 648.4 | 651.5 |
| 32.5° | 592.6 | 592.3 | 593.1 | 595.4 | 596.6 | 599.8 | 601.3 | 604.1 | 606.1 | 608.1 | 611.2 |
| 35° | 547.6 | 546.8 | 547.6 | 550.0 | 550.0 | 552.8 | 553.9 | 555.1 | 554.7 | 555.1 | 554.3 |
| 37.5° | 505.7 | 505.3 | 505.7 | 506.9 | 505.7 | 506.9 | 505.7 | 503.4 | 499.0 | 494.3 | 489.5 |
| 40° | 470.2 | 470.6 | 468.2 | 469.8 | 465.4 | 464.6 | 460.3 | 454.4 | 445.7 | 436.2 | 422.8 |
| 42.5° | 432.2 | 431.1 | 429.5 | 430.3 | 426.7 | 423.9 | 416.8 | 409.3 | 398.3 | 382.5 | 366.3 |
| 45° | 385.6 | 385.2 | 384.4 | 384.0 | 381.7 | 378.9 | 373.0 | 364.3 | 352.0 | 335.8 | 316.5 |
| 47.5° | 340.2 | 339.0 | 339.0 | 339.4 | 336.6 | 336.2 | 331.5 | 324.0 | 313.3 | 297.5 | 277.4 |
| 50° | 296.7 | 296.3 | 297.1 | 298.7 | 296.7 | 295.9 | 292.8 | 287.6 | 278.2 | 264.7 | 245.7 |
| 52.5° | 257.6 | 257.2 | 258.0 | 260.0 | 259.2 | 260.0 | 256.8 | 252.9 | 246.5 | 233.5 | 216.9 |
| 55° | 219.3 | 219.3 | 219.3 | 221.6 | 221.6 | 221.6 | 220.1 | 217.7 | 211.8 | 202.3 | 186.9 |
| 57.5° | 179.4 | 179.8 | 182.1 | 182.5 | 182.1 | 182.9 | 182.5 | 180.2 | 176.2 | 169.5 | 157.7 |
| 60° | 145.8 | 145.8 | 147.0 | 148.2 | 147.8 | 148.2 | 148.2 | 147.0 | 143.0 | 137.5 | 128.0 |
| 62.5° | 115.4 | 116.6 | 115.8 | 116.6 | 118.1 | 116.6 | 115.8 | 115.0 | 112.2 | 108.7 | 100.7 |
| 65° | 87.3 | 88.1 | 88.1 | 88.5 | 87.7 | 88.1 | 86.5 | 85.3 | 83.8 | 79.8 | 74.7 |
| 67.5° | 66.4 | 66.4 | 66.4 | 66.4 | 66.0 | 65.6 | 65.2 | 64.0 | 61.2 | 59.7 | 54.1 |
| 70° | 51.0 | 48.6 | 48.6 | 48.6 | 48.6 | 49.0 | 47.8 | 46.2 | 45.4 | 42.7 | 38.7 |
| 72.5° | 34.0 | 34.8 | 34.0 | 34.0 | 33.2 | 33.6 | 32.0 | 31.2 | 30.4 | 28.9 | 26.5 |
| 75° | 24.5 | 22.5 | 23.3 | 23.7 | 22.5 | 23.3 | 21.7 | 20.1 | 20.1 | 19.0 | 17.8 |
| 77.5° | 15.8 | 15.4 | 15.8 | 16.2 | 15.8 | 15.4 | 14.6 | 13.8 | 13.8 | 13.4 | 12.2 |
| 80° | 11.5 | 11.1 | 11.1 | 11.1 | 10.7 | 11.1 | 10.3 | 10.3 | 9.5 | 9.1 | 8.3 |
| 82.5° | 7.5 | 7.5 | 7.1 | 7.5 | 7.1 | 7.5 | 6.3 | 6.3 | 6.3 | 5.9 | 5.1 |
| 85° | 5.1 | 4.3 | 4.3 | 4.7 | 4.0 | 4.7 | 4.3 | 4.0 | 3.6 | 3.6 | 3.2 |
| 87.5° | 2.4 | 2.8 | 2.4 | 2.8 | 2.4 | 2.4 | 2.8 | 2.4 | 2.4 | 1.6 | 1.6 |
| 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: P244999

CATALOG NUMBER: LD8B15D010 ER8B15940 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 |
| 2.5° | 805.2 | 805.6 | 805.6 | 807.2 | 808.0 | 808.4 | 808.4 | 811.5 | 810.4 | 811.2 | 811.9 |
| 5° | 793.8 | 796.1 | 796.9 | 796.9 | 801.3 | 802.8 | 804.4 | 808.0 | 808.4 | 810.7 | 813.5 |
| 7.5° | 782.7 | 785.5 | 787.1 | 790.6 | 793.4 | 796.1 | 800.9 | 803.3 | 805.6 | 808.8 | 812.3 |
| 10° | 772.0 | 775.2 | 778.4 | 781.1 | 785.5 | 789.0 | 792.2 | 797.7 | 800.5 | 804.8 | 809.6 |
| 12.5° | 761.8 | 766.1 | 768.9 | 773.6 | 778.4 | 781.5 | 786.3 | 791.4 | 795.7 | 800.1 | 805.6 |
| 15° | 752.7 | 757.8 | 761.0 | 766.1 | 771.2 | 775.6 | 780.7 | 787.1 | 790.2 | 795.3 | 800.5 |
| 17.5° | 742.8 | 748.3 | 752.3 | 757.0 | 763.3 | 768.1 | 772.4 | 778.7 | 782.7 | 788.2 | 794.2 |
| 20° | 732.5 | 738.1 | 742.8 | 747.5 | 753.9 | 758.6 | 763.7 | 770.1 | 774.4 | 779.9 | 784.7 |
| 22.5° | 720.3 | 725.4 | 730.5 | 736.1 | 742.4 | 746.3 | 752.3 | 757.8 | 762.5 | 767.7 | 772.4 |
| 25° | 704.5 | 710.8 | 714.7 | 719.9 | 725.0 | 729.4 | 735.7 | 741.2 | 745.2 | 749.9 | 754.3 |
| 27.5° | 685.9 | 690.6 | 693.8 | 698.1 | 703.3 | 707.2 | 712.0 | 717.5 | 721.5 | 725.8 | 729.0 |
| 30° | 654.3 | 658.6 | 661.4 | 664.6 | 669.7 | 673.3 | 677.2 | 682.3 | 685.1 | 688.3 | 691.0 |
| 32.5° | 612.8 | 616.4 | 617.9 | 620.3 | 623.9 | 627.4 | 630.6 | 634.9 | 636.1 | 638.1 | 638.1 |
| 35° | 552.8 | 553.5 | 553.1 | 553.9 | 555.5 | 557.5 | 560.3 | 563.0 | 564.6 | 564.6 | 563.4 |
| 37.5° | 482.4 | 477.7 | 472.5 | 468.6 | 467.4 | 466.6 | 468.2 | 469.4 | 471.0 | 471.8 | 469.8 |
| 40° | 409.3 | 398.7 | 387.2 | 376.9 | 369.8 | 366.7 | 365.5 | 366.3 | 366.3 | 369.0 | 369.0 |
| 42.5° | 346.5 | 329.9 | 312.9 | 297.5 | 287.2 | 279.3 | 275.8 | 275.8 | 276.2 | 278.2 | 279.3 |
| 45° | 294.4 | 273.4 | 253.7 | 236.7 | 222.4 | 212.2 | 207.4 | 206.2 | 205.9 | 206.6 | 209.4 |
| 47.5° | 254.4 | 232.7 | 212.2 | 191.2 | 176.2 | 165.9 | 161.6 | 160.0 | 158.4 | 160.0 | 160.4 |
| 50° | 223.2 | 200.7 | 179.0 | 158.0 | 142.2 | 133.1 | 127.6 | 125.2 | 124.8 | 124.8 | 125.6 |
| 52.5° | 194.8 | 173.8 | 152.1 | 130.8 | 114.2 | 105.5 | 100.4 | 99.2 | 97.6 | 99.2 | 99.2 |
| 55° | 167.9 | 147.0 | 125.6 | 105.5 | 91.7 | 82.6 | 77.8 | 76.3 | 75.5 | 76.6 | 76.6 |
| 57.5° | 138.7 | 120.9 | 101.2 | 83.0 | 69.1 | 62.8 | 59.3 | 57.3 | 56.9 | 57.7 | 56.9 |
| 60° | 113.8 | 98.8 | 81.8 | 65.2 | 54.5 | 47.8 | 45.0 | 44.3 | 43.5 | 44.3 | 44.3 |
| 62.5° | 90.1 | 77.4 | 63.6 | 51.0 | 41.9 | 37.1 | 34.0 | 34.0 | 33.6 | 33.6 | 34.0 |
| 65° | 66.8 | 56.9 | 47.0 | 36.3 | 29.2 | 25.7 | 23.3 | 23.3 | 22.9 | 23.3 | 22.9 |
| 67.5° | 48.6 | 41.9 | 34.0 | 26.5 | 20.9 | 19.0 | 17.4 | 16.2 | 17.0 | 16.2 | 15.8 |
| 70° | 35.6 | 30.0 | 24.5 | 20.1 | 16.2 | 14.2 | 13.0 | 12.6 | 11.9 | 11.9 | 11.9 |
| 72.5° | 23.7 | 20.1 | 16.6 | 13.0 | 10.7 | 8.7 | 8.3 | 7.5 | 6.7 | 7.1 | 7.9 |
| 75° | 15.8 | 13.4 | 11.9 | 9.5 | 7.1 | 7.1 | 4.7 | 4.7 | 4.0 | 4.7 | 3.6 |
| 77.5° | 11.1 | 9.1 | 7.1 | 5.9 | 4.7 | 4.3 | 3.2 | 3.2 | 2.8 | 2.8 | 2.8 |
| 80° | 7.9 | 6.7 | 5.1 | 4.3 | 3.2 | 3.2 | 2.8 | 2.4 | 2.0 | 2.0 | 2.4 |
| 82.5° | 4.7 | 3.6 | 3.6 | 3.2 | 2.0 | 1.6 | 1.2 | 1.6 | 0.8 | 0.8 | 0.8 |
| 85° | 2.8 | 2.4 | 2.0 | 1.2 | 0.8 | 0.8 | 0.4 | 0.0 | 0.4 | 0.4 | 0.0 |
| 87.5° | 1.6 | 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: P244999

CATALOG NUMBER: LD8B15D010 ER8B15940 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 |
| 2.5° | 813.9 | 813.5 | 814.3 | 814.3 | 816.7 | 816.3 | 817.5 | 817.5 | 816.7 | 817.1 | 818.7 |
| 5° | 816.7 | 817.9 | 820.2 | 822.2 | 825.8 | 827.4 | 829.3 | 831.3 | 831.7 | 832.9 | 834.1 |
| 7.5° | 816.7 | 820.6 | 823.4 | 826.9 | 831.7 | 834.5 | 838.8 | 842.4 | 843.9 | 845.9 | 848.3 |
| 10° | 815.1 | 819.0 | 824.2 | 828.1 | 834.1 | 838.4 | 842.8 | 848.3 | 850.7 | 853.8 | 857.0 |
| 12.5° | 811.9 | 816.3 | 821.8 | 826.9 | 833.7 | 837.6 | 843.1 | 848.3 | 851.8 | 856.2 | 859.7 |
| 15° | 807.2 | 812.3 | 817.5 | 822.6 | 829.7 | 834.5 | 839.6 | 845.5 | 849.1 | 853.8 | 857.0 |
| 17.5° | 799.7 | 805.2 | 810.0 | 814.7 | 821.4 | 826.9 | 831.7 | 837.2 | 840.8 | 844.7 | 849.1 |
| 20° | 790.6 | 795.7 | 800.9 | 804.8 | 811.5 | 816.3 | 821.4 | 826.6 | 829.3 | 830.1 | 836.8 |
| 22.5° | 779.1 | 782.7 | 786.6 | 793.0 | 796.9 | 801.3 | 806.0 | 810.7 | 813.5 | 817.9 | 820.2 |
| 25° | 760.2 | 763.7 | 768.1 | 770.8 | 775.6 | 779.1 | 783.9 | 789.0 | 790.6 | 793.8 | 796.1 |
| 27.5° | 733.7 | 735.7 | 737.7 | 740.0 | 742.8 | 744.8 | 747.5 | 749.9 | 751.5 | 753.1 | 754.6 |
| 30° | 691.8 | 691.8 | 691.8 | 690.2 | 691.4 | 692.6 | 693.0 | 692.6 | 692.6 | 692.2 | 692.2 |
| 32.5° | 636.5 | 633.4 | 629.8 | 626.6 | 625.4 | 623.9 | 623.1 | 621.9 | 619.9 | 618.7 | 619.1 |
| 35° | 561.8 | 554.7 | 550.4 | 546.4 | 543.3 | 540.9 | 539.7 | 538.5 | 538.1 | 536.6 | 535.0 |
| 37.5° | 468.6 | 463.5 | 460.3 | 457.9 | 455.2 | 452.8 | 453.2 | 453.6 | 454.8 | 454.0 | 454.4 |
| 40° | 369.8 | 368.6 | 369.8 | 367.1 | 366.3 | 367.1 | 369.0 | 371.8 | 373.4 | 375.0 | 377.7 |
| 42.5° | 281.3 | 283.3 | 286.1 | 286.1 | 287.2 | 288.8 | 291.2 | 295.5 | 297.9 | 300.7 | 303.8 |
| 45° | 211.8 | 214.1 | 217.7 | 218.9 | 219.7 | 221.6 | 224.4 | 228.0 | 229.5 | 231.9 | 234.7 |
| 47.5° | 163.2 | 164.8 | 166.7 | 168.7 | 170.7 | 171.5 | 174.2 | 174.2 | 176.2 | 177.8 | 178.6 |
| 50° | 127.2 | 128.8 | 130.4 | 131.6 | 132.4 | 133.5 | 134.3 | 135.5 | 135.9 | 136.7 | 137.1 |
| 52.5° | 99.6 | 101.5 | 101.5 | 102.3 | 103.5 | 104.7 | 104.3 | 104.7 | 105.1 | 105.1 | 106.3 |
| 55° | 77.8 | 77.8 | 79.0 | 79.0 | 79.8 | 79.4 | 79.8 | 79.8 | 79.8 | 79.8 | 80.2 |
| 57.5° | 58.1 | 58.5 | 59.7 | 58.9 | 58.5 | 59.3 | 58.5 | 59.3 | 58.9 | 59.7 | 58.5 |
| 60° | 44.6 | 44.6 | 45.0 | 45.0 | 45.4 | 45.4 | 45.4 | 45.0 | 45.0 | 44.6 | 44.6 |
| 62.5° | 33.6 | 34.0 | 34.4 | 34.0 | 34.0 | 34.0 | 33.6 | 33.6 | 33.2 | 32.8 | 32.8 |
| 65° | 22.5 | 22.1 | 22.9 | 22.1 | 22.5 | 22.5 | 22.1 | 22.5 | 21.3 | 21.7 | 21.3 |
| 67.5° | 16.2 | 15.8 | 15.4 | 15.8 | 15.4 | 15.0 | 15.0 | 15.4 | 15.8 | 14.6 | 14.6 |
| 70° | 10.7 | 11.1 | 10.7 | 11.1 | 11.5 | 11.5 | 11.1 | 10.7 | 11.1 | 10.3 | 10.7 |
| 72.5° | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 7.1 | 7.1 | 7.1 | 6.3 | 6.3 | 5.9 |
| 75° | 3.2 | 4.3 | 3.6 | 3.2 | 4.3 | 4.3 | 4.0 | 4.0 | 3.6 | 3.6 | 3.6 |
| 77.5° | 3.2 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.0 | 2.4 | 2.0 |
| 80° | 1.6 | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 2.0 | 1.6 | 1.6 | 1.2 | 2.0 |
| 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: P244999

CATALOG NUMBER: LD8B15D010 ER8B15940 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 |
| 2.5° | 818.3 | 817.9 | 818.3 | 818.7 | 818.3 | 817.9 | 818.3 | 818.7 | 817.1 | 816.7 | 817.5 |
| 5° | 835.6 | 835.6 | 836.4 | 836.8 | 836.4 | 835.6 | 835.6 | 834.1 | 832.9 | 831.7 | 831.3 |
| 7.5° | 850.7 | 851.5 | 852.2 | 852.6 | 852.2 | 851.5 | 850.7 | 848.3 | 845.9 | 843.9 | 842.4 |
| 10° | 859.7 | 860.9 | 862.5 | 863.3 | 862.5 | 860.9 | 859.7 | 857.0 | 853.8 | 850.7 | 848.3 |
| 12.5° | 863.7 | 864.9 | 866.9 | 866.5 | 866.9 | 864.9 | 863.7 | 859.7 | 856.2 | 851.8 | 848.3 |
| 15° | 860.9 | 862.5 | 864.5 | 865.3 | 864.5 | 862.5 | 860.9 | 857.0 | 853.8 | 849.1 | 845.5 |
| 17.5° | 852.2 | 854.6 | 855.8 | 857.0 | 855.8 | 854.6 | 852.2 | 849.1 | 844.7 | 840.8 | 837.2 |
| 20° | 840.4 | 842.0 | 843.5 | 843.9 | 843.5 | 842.0 | 840.4 | 836.8 | 830.1 | 829.3 | 826.6 |
| 22.5° | 823.4 | 824.6 | 828.1 | 826.9 | 828.1 | 824.6 | 823.4 | 820.2 | 817.9 | 813.5 | 810.7 |
| 25° | 798.9 | 800.1 | 800.5 | 800.9 | 800.5 | 800.1 | 798.9 | 796.1 | 793.8 | 790.6 | 789.0 |
| 27.5° | 756.6 | 756.6 | 757.4 | 757.8 | 757.4 | 756.6 | 756.6 | 754.6 | 753.1 | 751.5 | 749.9 |
| 30° | 692.6 | 692.6 | 692.6 | 694.6 | 692.6 | 692.6 | 692.6 | 692.2 | 692.2 | 692.6 | 692.6 |
| 32.5° | 618.7 | 617.9 | 617.2 | 617.9 | 617.2 | 617.9 | 618.7 | 619.1 | 618.7 | 619.9 | 621.9 |
| 35° | 535.0 | 534.6 | 535.8 | 534.2 | 535.8 | 534.6 | 535.0 | 535.0 | 536.6 | 538.1 | 538.5 |
| 37.5° | 454.8 | 454.0 | 455.6 | 454.0 | 455.6 | 454.0 | 454.8 | 454.4 | 454.0 | 454.8 | 453.6 |
| 40° | 378.5 | 379.3 | 379.3 | 382.5 | 379.3 | 379.3 | 378.5 | 377.7 | 375.0 | 373.4 | 371.8 |
| 42.5° | 305.4 | 307.8 | 307.0 | 309.4 | 307.0 | 307.8 | 305.4 | 303.8 | 300.7 | 297.9 | 295.5 |
| 45° | 236.3 | 237.9 | 237.9 | 238.6 | 237.9 | 237.9 | 236.3 | 234.7 | 231.9 | 229.5 | 228.0 |
| 47.5° | 181.3 | 181.3 | 181.3 | 181.8 | 181.3 | 181.3 | 181.3 | 178.6 | 177.8 | 176.2 | 174.2 |
| 50° | 137.9 | 138.3 | 138.7 | 139.1 | 138.7 | 138.3 | 137.9 | 137.1 | 136.7 | 135.9 | 135.5 |
| 52.5° | 105.9 | 106.3 | 105.5 | 106.3 | 105.5 | 106.3 | 105.9 | 106.3 | 105.1 | 105.1 | 104.7 |
| 55° | 80.2 | 79.8 | 80.2 | 80.6 | 80.2 | 79.8 | 80.2 | 80.2 | 79.8 | 79.8 | 79.8 |
| 57.5° | 58.9 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.9 | 58.5 | 59.7 | 58.9 | 59.3 |
| 60° | 43.9 | 44.3 | 44.3 | 44.6 | 44.3 | 44.3 | 43.9 | 44.6 | 44.6 | 45.0 | 45.0 |
| 62.5° | 32.4 | 33.6 | 32.8 | 33.6 | 32.8 | 33.6 | 32.4 | 32.8 | 32.8 | 33.2 | 33.6 |
| 65° | 20.9 | 20.9 | 20.9 | 21.3 | 20.9 | 20.9 | 20.9 | 21.3 | 21.7 | 21.3 | 22.5 |
| 67.5° | 14.2 | 14.6 | 15.4 | 15.0 | 15.4 | 14.6 | 14.2 | 14.6 | 14.6 | 15.8 | 15.4 |
| 70° | 11.5 | 10.3 | 10.3 | 11.5 | 10.3 | 10.3 | 11.5 | 10.7 | 10.3 | 11.1 | 10.7 |
| 72.5° | 6.7 | 5.9 | 6.7 | 6.7 | 6.7 | 5.9 | 6.7 | 5.9 | 6.3 | 6.3 | 7.1 |
| 75° | 3.6 | 3.2 | 2.8 | 4.0 | 2.8 | 3.2 | 3.6 | 3.6 | 3.6 | 3.6 | 4.0 |
| 77.5° | 2.4 | 2.0 | 2.8 | 2.8 | 2.8 | 2.0 | 2.4 | 2.0 | 2.4 | 2.0 | 2.4 |
| 80° | 1.2 | 1.6 | 1.2 | 2.0 | 1.2 | 1.6 | 1.2 | 2.0 | 1.2 | 1.6 | 1.6 |
| 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: P244999

CATALOG NUMBER: LD8B15D010 ER8B15940 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 |
| 2.5° | 817.5 | 816.3 | 816.7 | 814.3 | 814.3 | 813.5 | 813.9 | 811.9 | 811.2 | 810.4 | 811.5 |
| 5° | 829.3 | 827.4 | 825.8 | 822.2 | 820.2 | 817.9 | 816.7 | 813.5 | 810.7 | 808.4 | 808.0 |
| 7.5° | 838.8 | 834.5 | 831.7 | 826.9 | 823.4 | 820.6 | 816.7 | 812.3 | 808.8 | 805.6 | 803.3 |
| 10° | 842.8 | 838.4 | 834.1 | 828.1 | 824.2 | 819.0 | 815.1 | 809.6 | 804.8 | 800.5 | 797.7 |
| 12.5° | 843.1 | 837.6 | 833.7 | 826.9 | 821.8 | 816.3 | 811.9 | 805.6 | 800.1 | 795.7 | 791.4 |
| 15° | 839.6 | 834.5 | 829.7 | 822.6 | 817.5 | 812.3 | 807.2 | 800.5 | 795.3 | 790.2 | 787.1 |
| 17.5° | 831.7 | 826.9 | 821.4 | 814.7 | 810.0 | 805.2 | 799.7 | 794.2 | 788.2 | 782.7 | 778.7 |
| 20° | 821.4 | 816.3 | 811.5 | 804.8 | 800.9 | 795.7 | 790.6 | 784.7 | 779.9 | 774.4 | 770.1 |
| 22.5° | 806.0 | 801.3 | 796.9 | 793.0 | 786.6 | 782.7 | 779.1 | 772.4 | 767.7 | 762.5 | 757.8 |
| 25° | 783.9 | 779.1 | 775.6 | 770.8 | 768.1 | 763.7 | 760.2 | 754.3 | 749.9 | 745.2 | 741.2 |
| 27.5° | 747.5 | 744.8 | 742.8 | 740.0 | 737.7 | 735.7 | 733.7 | 729.0 | 725.8 | 721.5 | 717.5 |
| 30° | 693.0 | 692.6 | 691.4 | 690.2 | 691.8 | 691.8 | 691.8 | 691.0 | 688.3 | 685.1 | 682.3 |
| 32.5° | 623.1 | 623.9 | 625.4 | 626.6 | 629.8 | 633.4 | 636.5 | 638.1 | 638.1 | 636.1 | 634.9 |
| 35° | 539.7 | 540.9 | 543.3 | 546.4 | 550.4 | 554.7 | 561.8 | 563.4 | 564.6 | 564.6 | 563.0 |
| 37.5° | 453.2 | 452.8 | 455.2 | 457.9 | 460.3 | 463.5 | 468.6 | 469.8 | 471.8 | 471.0 | 469.4 |
| 40° | 369.0 | 367.1 | 366.3 | 367.1 | 369.8 | 368.6 | 369.8 | 369.0 | 369.0 | 366.3 | 366.3 |
| 42.5° | 291.2 | 288.8 | 287.2 | 286.1 | 286.1 | 283.3 | 281.3 | 279.3 | 278.2 | 276.2 | 275.8 |
| 45° | 224.4 | 221.6 | 219.7 | 218.9 | 217.7 | 214.1 | 211.8 | 209.4 | 206.6 | 205.9 | 206.2 |
| 47.5° | 174.2 | 171.5 | 170.7 | 168.7 | 166.7 | 164.8 | 163.2 | 160.4 | 160.0 | 158.4 | 160.0 |
| 50° | 134.3 | 133.5 | 132.4 | 131.6 | 130.4 | 128.8 | 127.2 | 125.6 | 124.8 | 124.8 | 125.2 |
| 52.5° | 104.3 | 104.7 | 103.5 | 102.3 | 101.5 | 101.5 | 99.6 | 99.2 | 99.2 | 97.6 | 99.2 |
| 55° | 79.8 | 79.4 | 79.8 | 79.0 | 79.0 | 77.8 | 77.8 | 76.6 | 76.6 | 75.5 | 76.3 |
| 57.5° | 58.5 | 59.3 | 58.5 | 58.9 | 59.7 | 58.5 | 58.1 | 56.9 | 57.7 | 56.9 | 57.3 |
| 60° | 45.4 | 45.4 | 45.4 | 45.0 | 45.0 | 44.6 | 44.6 | 44.3 | 44.3 | 43.5 | 44.3 |
| 62.5° | 33.6 | 34.0 | 34.0 | 34.0 | 34.4 | 34.0 | 33.6 | 34.0 | 33.6 | 33.6 | 34.0 |
| 65° | 22.1 | 22.5 | 22.5 | 22.1 | 22.9 | 22.1 | 22.5 | 22.9 | 23.3 | 22.9 | 23.3 |
| 67.5° | 15.0 | 15.0 | 15.4 | 15.8 | 15.4 | 15.8 | 16.2 | 15.8 | 16.2 | 17.0 | 16.2 |
| 70° | 11.1 | 11.5 | 11.5 | 11.1 | 10.7 | 11.1 | 10.7 | 11.9 | 11.9 | 11.9 | 12.6 |
| 72.5° | 7.1 | 7.1 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 7.9 | 7.1 | 6.7 | 7.5 |
| 75° | 4.0 | 4.3 | 4.3 | 3.2 | 3.6 | 4.3 | 3.2 | 3.6 | 4.7 | 4.0 | 4.7 |
| 77.5° | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 3.2 | 2.8 | 2.8 | 2.8 | 3.2 |
| 80° | 2.0 | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 1.6 | 2.4 | 2.0 | 2.0 | 2.4 |
| 82.5° | 0.8 | 0.8 | 0.4 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 1.6 |
| 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: P244999

CATALOG NUMBER: LD8B15D010 ER8B15940 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 |
| 2.5° | 808.4 | 808.4 | 808.0 | 807.2 | 805.6 | 805.6 | 805.2 | 804.0 | 803.3 | 802.8 | 802.8 |
| 5° | 804.4 | 802.8 | 801.3 | 796.9 | 796.9 | 796.1 | 793.8 | 792.2 | 791.4 | 789.4 | 788.6 |
| 7.5° | 800.9 | 796.1 | 793.4 | 790.6 | 787.1 | 785.5 | 782.7 | 781.5 | 778.7 | 776.8 | 775.6 |
| 10° | 792.2 | 789.0 | 785.5 | 781.1 | 778.4 | 775.2 | 772.0 | 769.7 | 766.1 | 764.1 | 762.5 |
| 12.5° | 786.3 | 781.5 | 778.4 | 773.6 | 768.9 | 766.1 | 761.8 | 759.0 | 755.4 | 751.5 | 749.1 |
| 15° | 780.7 | 775.6 | 771.2 | 766.1 | 761.0 | 757.8 | 752.7 | 749.5 | 744.4 | 740.4 | 737.7 |
| 17.5° | 772.4 | 768.1 | 763.3 | 757.0 | 752.3 | 748.3 | 742.8 | 738.8 | 734.1 | 729.0 | 726.2 |
| 20° | 763.7 | 758.6 | 753.9 | 747.5 | 742.8 | 738.1 | 732.5 | 728.2 | 722.6 | 717.9 | 714.7 |
| 22.5° | 752.3 | 746.3 | 742.4 | 736.1 | 730.5 | 725.4 | 720.3 | 715.1 | 710.0 | 706.0 | 702.5 |
| 25° | 735.7 | 729.4 | 725.0 | 719.9 | 714.7 | 710.8 | 704.5 | 701.3 | 696.2 | 692.6 | 689.1 |
| 27.5° | 712.0 | 707.2 | 703.3 | 698.1 | 693.8 | 690.6 | 685.9 | 682.7 | 678.4 | 675.2 | 672.5 |
| 30° | 677.2 | 673.3 | 669.7 | 664.6 | 661.4 | 658.6 | 654.3 | 651.5 | 648.4 | 644.8 | 644.0 |
| 32.5° | 630.6 | 627.4 | 623.9 | 620.3 | 617.9 | 616.4 | 612.8 | 611.2 | 608.1 | 606.1 | 604.1 |
| 35° | 560.3 | 557.5 | 555.5 | 553.9 | 553.1 | 553.5 | 552.8 | 554.3 | 555.1 | 554.7 | 555.1 |
| 37.5° | 468.2 | 466.6 | 467.4 | 468.6 | 472.5 | 477.7 | 482.4 | 489.5 | 494.3 | 499.0 | 503.4 |
| 40° | 365.5 | 366.7 | 369.8 | 376.9 | 387.2 | 398.7 | 409.3 | 422.8 | 436.2 | 445.7 | 454.4 |
| 42.5° | 275.8 | 279.3 | 287.2 | 297.5 | 312.9 | 329.9 | 346.5 | 366.3 | 382.5 | 398.3 | 409.3 |
| 45° | 207.4 | 212.2 | 222.4 | 236.7 | 253.7 | 273.4 | 294.4 | 316.5 | 335.8 | 352.0 | 364.3 |
| 47.5° | 161.6 | 165.9 | 176.2 | 191.2 | 212.2 | 232.7 | 254.4 | 277.4 | 297.5 | 313.3 | 324.0 |
| 50° | 127.6 | 133.1 | 142.2 | 158.0 | 179.0 | 200.7 | 223.2 | 245.7 | 264.7 | 278.2 | 287.6 |
| 52.5° | 100.4 | 105.5 | 114.2 | 130.8 | 152.1 | 173.8 | 194.8 | 216.9 | 233.5 | 246.5 | 252.9 |
| 55° | 77.8 | 82.6 | 91.7 | 105.5 | 125.6 | 147.0 | 167.9 | 186.9 | 202.3 | 211.8 | 217.7 |
| 57.5° | 59.3 | 62.8 | 69.1 | 83.0 | 101.2 | 120.9 | 138.7 | 157.7 | 169.5 | 176.2 | 180.2 |
| 60° | 45.0 | 47.8 | 54.5 | 65.2 | 81.8 | 98.8 | 113.8 | 128.0 | 137.5 | 143.0 | 147.0 |
| 62.5° | 34.0 | 37.1 | 41.9 | 51.0 | 63.6 | 77.4 | 90.1 | 100.7 | 108.7 | 112.2 | 115.0 |
| 65° | 23.3 | 25.7 | 29.2 | 36.3 | 47.0 | 56.9 | 66.8 | 74.7 | 79.8 | 83.8 | 85.3 |
| 67.5° | 17.4 | 19.0 | 20.9 | 26.5 | 34.0 | 41.9 | 48.6 | 54.1 | 59.7 | 61.2 | 64.0 |
| 70° | 13.0 | 14.2 | 16.2 | 20.1 | 24.5 | 30.0 | 35.6 | 38.7 | 42.7 | 45.4 | 46.2 |
| 72.5° | 8.3 | 8.7 | 10.7 | 13.0 | 16.6 | 20.1 | 23.7 | 26.5 | 28.9 | 30.4 | 31.2 |
| 75° | 4.7 | 7.1 | 7.1 | 9.5 | 11.9 | 13.4 | 15.8 | 17.8 | 19.0 | 20.1 | 20.1 |
| 77.5° | 3.2 | 4.3 | 4.7 | 5.9 | 7.1 | 9.1 | 11.1 | 12.2 | 13.4 | 13.8 | 13.8 |
| 80° | 2.8 | 3.2 | 3.2 | 4.3 | 5.1 | 6.7 | 7.9 | 8.3 | 9.1 | 9.5 | 10.3 |
| 82.5° | 1.2 | 1.6 | 2.0 | 3.2 | 3.6 | 3.6 | 4.7 | 5.1 | 5.9 | 6.3 | 6.3 |
| 85° | 0.4 | 0.8 | 0.8 | 1.2 | 2.0 | 2.4 | 2.8 | 3.2 | 3.6 | 3.6 | 4.0 |
| 87.5° | 0.4 | 0.4 | 0.0 | 0.4 | 0.8 | 0.8 | 1.6 | 1.6 | 1.6 | 2.4 | 2.4 |
| 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: P244999

CATALOG NUMBER: LD8B15D010 ER8B15940 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 | 809.2 |
| 2.5° | 802.1 | 802.5 | 800.9 | 800.5 | 799.7 | 800.1 | 800.9 |
| 5° | 787.4 | 787.8 | 786.3 | 784.7 | 784.7 | 784.3 | 784.7 |
| 7.5° | 773.6 | 774.0 | 771.6 | 770.8 | 769.3 | 769.7 | 769.7 |
| 10° | 759.8 | 759.8 | 756.2 | 755.8 | 754.6 | 754.3 | 754.3 |
| 12.5° | 746.3 | 745.2 | 742.4 | 740.8 | 741.6 | 739.2 | 739.2 |
| 15° | 734.5 | 732.5 | 729.0 | 727.8 | 725.8 | 725.0 | 725.0 |
| 17.5° | 722.2 | 720.7 | 717.5 | 715.1 | 712.8 | 712.4 | 712.8 |
| 20° | 710.4 | 708.8 | 704.9 | 703.3 | 701.3 | 701.3 | 700.5 |
| 22.5° | 698.5 | 697.0 | 693.4 | 692.2 | 689.5 | 689.5 | 689.9 |
| 25° | 686.3 | 685.1 | 681.1 | 680.4 | 680.0 | 678.4 | 679.2 |
| 27.5° | 669.7 | 668.9 | 665.7 | 664.6 | 663.0 | 662.6 | 663.4 |
| 30° | 639.3 | 638.1 | 635.7 | 634.5 | 631.8 | 632.2 | 632.9 |
| 32.5° | 601.3 | 599.8 | 596.6 | 595.4 | 593.1 | 592.3 | 592.6 |
| 35° | 553.9 | 552.8 | 550.0 | 550.0 | 547.6 | 546.8 | 547.6 |
| 37.5° | 505.7 | 506.9 | 505.7 | 506.9 | 505.7 | 505.3 | 505.7 |
| 40° | 460.3 | 464.6 | 465.4 | 469.8 | 468.2 | 470.6 | 470.2 |
| 42.5° | 416.8 | 423.9 | 426.7 | 430.3 | 429.5 | 431.1 | 432.2 |
| 45° | 373.0 | 378.9 | 381.7 | 384.0 | 384.4 | 385.2 | 385.6 |
| 47.5° | 331.5 | 336.2 | 336.6 | 339.4 | 339.0 | 339.0 | 340.2 |
| 50° | 292.8 | 295.9 | 296.7 | 298.7 | 297.1 | 296.3 | 296.7 |
| 52.5° | 256.8 | 260.0 | 259.2 | 260.0 | 258.0 | 257.2 | 257.6 |
| 55° | 220.1 | 221.6 | 221.6 | 221.6 | 219.3 | 219.3 | 219.3 |
| 57.5° | 182.5 | 182.9 | 182.1 | 182.5 | 182.1 | 179.8 | 179.4 |
| 60° | 148.2 | 148.2 | 147.8 | 148.2 | 147.0 | 145.8 | 145.8 |
| 62.5° | 115.8 | 116.6 | 118.1 | 116.6 | 115.8 | 116.6 | 115.4 |
| 65° | 86.5 | 88.1 | 87.7 | 88.5 | 88.1 | 88.1 | 87.3 |
| 67.5° | 65.2 | 65.6 | 66.0 | 66.4 | 66.4 | 66.4 | 66.4 |
| 70° | 47.8 | 49.0 | 48.6 | 48.6 | 48.6 | 48.6 | 51.0 |
| 72.5° | 32.0 | 33.6 | 33.2 | 34.0 | 34.0 | 34.8 | 34.0 |
| 75° | 21.7 | 23.3 | 22.5 | 23.7 | 23.3 | 22.5 | 24.5 |
| 77.5° | 14.6 | 15.4 | 15.8 | 16.2 | 15.8 | 15.4 | 15.8 |
| 80° | 10.3 | 11.1 | 10.7 | 11.1 | 11.1 | 11.1 | 11.5 |
| 82.5° | 6.3 | 7.5 | 7.1 | 7.5 | 7.1 | 7.5 | 7.5 |
| 85° | 4.3 | 4.7 | 4.0 | 4.7 | 4.3 | 4.3 | 5.1 |
| 87.5° | 2.8 | 2.4 | 2.4 | 2.8 | 2.4 | 2.8 | 2.4 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)