

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: P245970

Luminaire Tested: **LD8B10D010 ER8B10835 8LBSW0MW**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P245970  
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: LD8B10D010 ER8B10835 8LBSW0MW  
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF  
RECESSED DOWNLIGHT  
80 CRI 3500 CCT WITH MATTE WHITE TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1128.0 lumens  
Efficiency: N/A  
Efficacy: 110.6 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

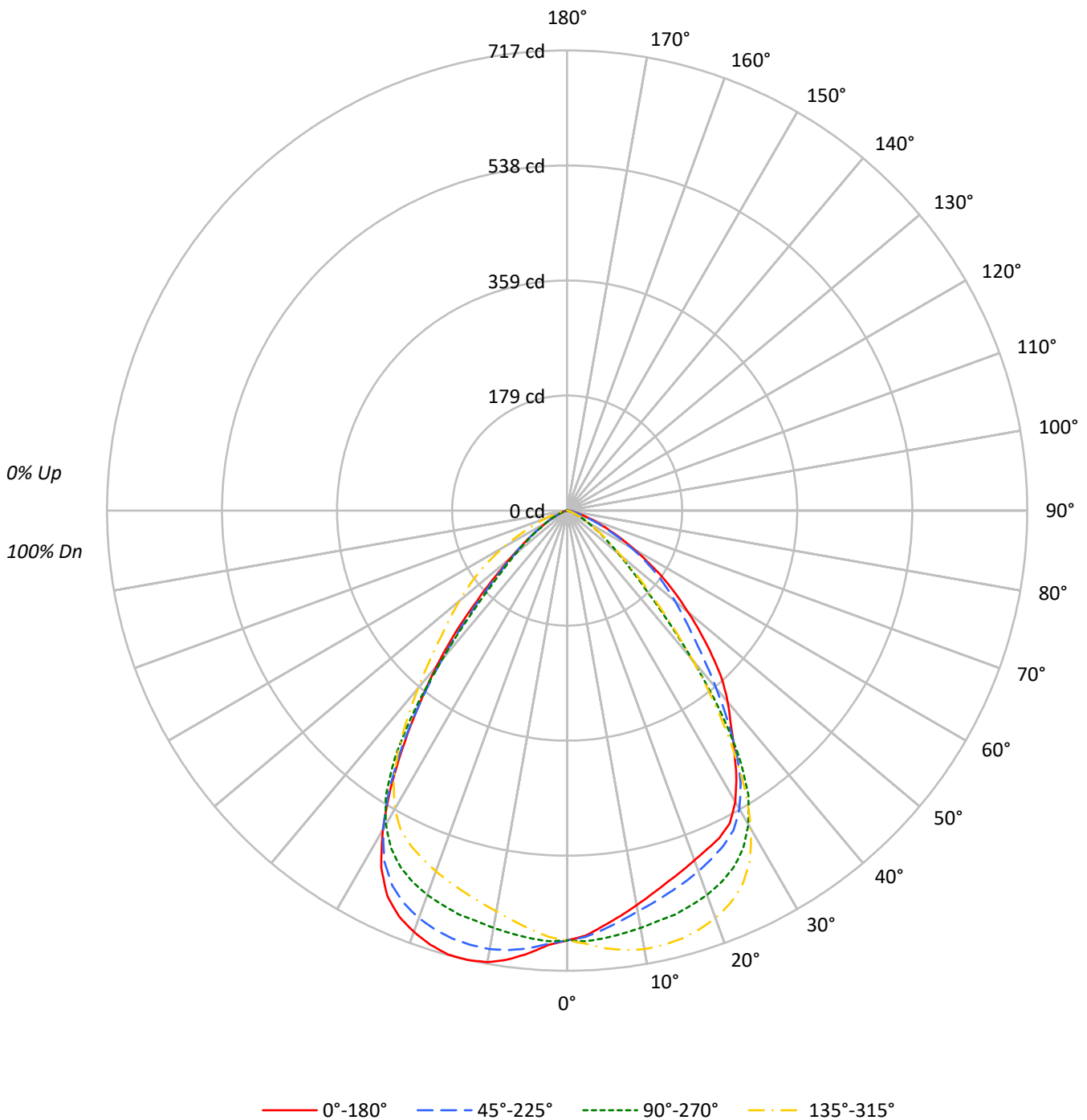
Input Watts (W): 10.2  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





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

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 20651 | 20651 | 20651 | 20651 |
| 5°  | 20102 | 20699 | 21439 | 20699 |
| 10° | 19545 | 20672 | 22369 | 20672 |
| 15° | 19154 | 20795 | 22861 | 20795 |
| 20° | 19023 | 20913 | 22918 | 20913 |
| 25° | 19125 | 20870 | 22551 | 20870 |
| 30° | 18651 | 20107 | 20467 | 20107 |
| 35° | 17060 | 17538 | 16642 | 17538 |
| 40° | 15663 | 12201 | 12740 | 12201 |
| 45° | 13916 | 7444  | 8613  | 7444  |
| 50° | 11782 | 4970  | 5522  | 4970  |
| 55° | 9758  | 3392  | 3586  | 3392  |
| 60° | 7444  | 2257  | 2276  | 2257  |
| 65° | 5275  | 1408  | 1291  | 1408  |
| 70° | 3805  | 947   | 857   | 947   |
| 75° | 2419  | 465   | 393   | 465   |
| 80° | 1687  | 355   | 284   | 355   |
| 85° | 1521  | 0     | 106   | 0     |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 63.7   | 5.7       |
| 10°-20°   | 184.6  | 16.4      |
| 20°-30°   | 279.5  | 24.8      |
| 30°-40°   | 280.1  | 24.8      |
| 40°-50°   | 175.9  | 15.6      |
| 50°-60°   | 93.7   | 8.3       |
| 60°-70°   | 38.5   | 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°    | 527.8  | 46.8      |
| 0°-40°    | 807.9  | 71.6      |
| 0°-60°    | 1077.5 | 95.5      |
| 0°-90°    | 1128.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1128.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | 90° | 180° | 270° | 360° | Flux |
|-----|-----|-----|------|------|------|------|
| 0°  | 670 | 670 | 670  | 670  | 670  |      |
| 5°  | 649 | 669 | 693  | 669  | 649  | 61   |
| 15° | 600 | 651 | 716  | 651  | 600  | 170  |
| 25° | 562 | 613 | 663  | 613  | 562  | 258  |
| 35° | 453 | 466 | 442  | 466  | 453  | 284  |
| 45° | 319 | 171 | 198  | 171  | 319  | 245  |
| 55° | 182 | 63  | 67   | 63   | 182  | 162  |
| 65° | 72  | 19  | 18   | 19   | 72   | 75   |
| 75° | 20  | 4   | 3    | 4    | 20   | 23   |
| 85° | 4   | 0   | 0    | 0    | 4    | 5    |
| 90° | 0   | 0   | 0    | 0    | 0    |      |



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 |
| 2.5°  | 662.8 | 662.1 | 661.8 | 662.5 | 662.8 | 664.1 | 663.8 | 664.4 | 664.4 | 664.8 | 665.4 |
| 5°    | 649.4 | 649.1 | 649.4 | 649.4 | 650.7 | 652.0 | 651.7 | 652.7 | 653.3 | 654.9 | 655.6 |
| 7.5°  | 637.0 | 637.0 | 636.6 | 637.9 | 638.6 | 640.6 | 640.2 | 641.9 | 642.8 | 644.5 | 646.8 |
| 10°   | 624.2 | 624.2 | 624.5 | 625.5 | 625.8 | 628.8 | 628.8 | 631.1 | 632.4 | 634.0 | 637.0 |
| 12.5° | 611.8 | 611.8 | 613.7 | 613.1 | 614.4 | 616.7 | 617.7 | 620.0 | 621.9 | 625.2 | 628.1 |
| 15°   | 600.0 | 600.0 | 600.7 | 602.3 | 603.3 | 606.2 | 607.9 | 610.5 | 612.8 | 616.0 | 620.3 |
| 17.5° | 589.9 | 589.6 | 589.9 | 591.8 | 593.8 | 596.4 | 597.7 | 601.0 | 603.3 | 607.5 | 611.5 |
| 20°   | 579.7 | 580.4 | 580.4 | 582.0 | 583.3 | 586.6 | 587.9 | 591.5 | 594.1 | 598.0 | 602.6 |
| 22.5° | 570.9 | 570.6 | 570.6 | 572.9 | 573.9 | 576.8 | 578.1 | 581.4 | 584.3 | 587.6 | 591.8 |
| 25°   | 562.1 | 561.4 | 562.7 | 563.1 | 563.7 | 567.0 | 568.0 | 570.3 | 573.2 | 576.1 | 580.4 |
| 27.5° | 549.0 | 548.4 | 548.7 | 550.0 | 551.0 | 553.6 | 554.2 | 556.5 | 558.8 | 561.4 | 565.0 |
| 30°   | 523.8 | 523.2 | 522.8 | 525.1 | 526.1 | 528.1 | 529.1 | 533.0 | 533.6 | 536.6 | 539.2 |
| 32.5° | 490.5 | 490.1 | 490.8 | 492.8 | 493.7 | 496.4 | 497.7 | 500.0 | 501.6 | 503.2 | 505.8 |
| 35°   | 453.2 | 452.5 | 453.2 | 455.2 | 455.2 | 457.5 | 458.4 | 459.4 | 459.1 | 459.4 | 458.8 |
| 37.5° | 418.5 | 418.2 | 418.5 | 419.5 | 418.5 | 419.5 | 418.5 | 416.6 | 413.0 | 409.1 | 405.1 |
| 40°   | 389.1 | 389.4 | 387.5 | 388.8 | 385.2 | 384.5 | 380.9 | 376.0 | 368.8 | 361.0 | 349.9 |
| 42.5° | 357.7 | 356.7 | 355.4 | 356.1 | 353.1 | 350.8 | 345.0 | 338.8 | 329.6 | 316.5 | 303.1 |
| 45°   | 319.1 | 318.8 | 318.2 | 317.8 | 315.9 | 313.6 | 308.7 | 301.5 | 291.3 | 277.9 | 261.9 |
| 47.5° | 281.5 | 280.5 | 280.5 | 280.9 | 278.6 | 278.3 | 274.3 | 268.1 | 259.3 | 246.2 | 229.5 |
| 50°   | 245.6 | 245.2 | 245.9 | 247.2 | 245.6 | 244.9 | 242.3 | 238.0 | 230.2 | 219.1 | 203.4 |
| 52.5° | 213.2 | 212.9 | 213.5 | 215.2 | 214.5 | 215.2 | 212.5 | 209.3 | 204.0 | 193.2 | 179.5 |
| 55°   | 181.5 | 181.5 | 181.5 | 183.4 | 183.4 | 183.4 | 182.1 | 180.2 | 175.3 | 167.4 | 154.7 |
| 57.5° | 148.5 | 148.8 | 150.7 | 151.1 | 150.7 | 151.4 | 151.1 | 149.1 | 145.8 | 140.3 | 130.5 |
| 60°   | 120.7 | 120.7 | 121.6 | 122.6 | 122.3 | 122.6 | 122.6 | 121.6 | 118.4 | 113.8 | 105.9 |
| 62.5° | 95.5  | 96.5  | 95.8  | 96.5  | 97.8  | 96.5  | 95.8  | 95.2  | 92.9  | 89.9  | 83.4  |
| 65°   | 72.3  | 72.9  | 72.9  | 73.2  | 72.6  | 72.9  | 71.6  | 70.6  | 69.3  | 66.1  | 61.8  |
| 67.5° | 54.9  | 54.9  | 54.9  | 54.9  | 54.6  | 54.3  | 54.0  | 53.0  | 50.7  | 49.4  | 44.8  |
| 70°   | 42.2  | 40.2  | 40.2  | 40.2  | 40.2  | 40.6  | 39.6  | 38.3  | 37.6  | 35.3  | 32.0  |
| 72.5° | 28.1  | 28.8  | 28.1  | 28.1  | 27.5  | 27.8  | 26.5  | 25.8  | 25.2  | 23.9  | 21.9  |
| 75°   | 20.3  | 18.6  | 19.3  | 19.6  | 18.6  | 19.3  | 18.0  | 16.7  | 16.7  | 15.7  | 14.7  |
| 77.5° | 13.1  | 12.8  | 13.1  | 13.4  | 13.1  | 12.8  | 12.1  | 11.4  | 11.4  | 11.1  | 10.1  |
| 80°   | 9.5   | 9.2   | 9.2   | 9.2   | 8.8   | 9.2   | 8.5   | 8.5   | 7.8   | 7.5   | 6.9   |
| 82.5° | 6.2   | 6.2   | 5.9   | 6.2   | 5.9   | 6.2   | 5.2   | 5.2   | 5.2   | 4.9   | 4.3   |
| 85°   | 4.3   | 3.6   | 3.6   | 3.9   | 3.3   | 3.9   | 3.6   | 3.3   | 2.9   | 2.9   | 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°    | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 |
| 2.5°  | 666.4 | 666.7 | 666.7 | 668.0 | 668.7 | 669.0 | 669.0 | 671.6 | 670.6 | 671.3 | 671.9 |
| 5°    | 656.9 | 658.9 | 659.5 | 659.5 | 663.1 | 664.4 | 665.7 | 668.7 | 669.0 | 671.0 | 673.3 |
| 7.5°  | 647.7 | 650.0 | 651.4 | 654.3 | 656.6 | 658.9 | 662.8 | 664.8 | 666.7 | 669.3 | 672.3 |
| 10°   | 638.9 | 641.5 | 644.2 | 646.4 | 650.0 | 653.0 | 655.6 | 660.2 | 662.5 | 666.1 | 670.0 |
| 12.5° | 630.4 | 634.0 | 636.3 | 640.2 | 644.2 | 646.8 | 650.7 | 654.9 | 658.5 | 662.1 | 666.7 |
| 15°   | 622.9 | 627.2 | 629.8 | 634.0 | 638.3 | 641.9 | 646.1 | 651.4 | 654.0 | 658.2 | 662.5 |
| 17.5° | 614.7 | 619.3 | 622.6 | 626.5 | 631.7 | 635.6 | 639.3 | 644.5 | 647.7 | 652.3 | 657.2 |
| 20°   | 606.2 | 610.8 | 614.7 | 618.6 | 623.9 | 627.8 | 632.1 | 637.3 | 640.9 | 645.5 | 649.4 |
| 22.5° | 596.1 | 600.3 | 604.6 | 609.2 | 614.4 | 617.7 | 622.6 | 627.2 | 631.1 | 635.3 | 639.3 |
| 25°   | 583.0 | 588.2 | 591.5 | 595.8 | 600.0 | 603.6 | 608.8 | 613.4 | 616.7 | 620.6 | 624.2 |
| 27.5° | 567.6 | 571.6 | 574.2 | 577.8 | 582.0 | 585.3 | 589.2 | 593.8 | 597.1 | 600.7 | 603.3 |
| 30°   | 541.5 | 545.1 | 547.4 | 550.0 | 554.2 | 557.2 | 560.5 | 564.7 | 567.0 | 569.6 | 571.9 |
| 32.5° | 507.1 | 510.1 | 511.4 | 513.4 | 516.3 | 519.2 | 521.9 | 525.5 | 526.4 | 528.1 | 528.1 |
| 35°   | 457.5 | 458.1 | 457.8 | 458.4 | 459.7 | 461.4 | 463.7 | 465.9 | 467.3 | 467.3 | 466.3 |
| 37.5° | 399.2 | 395.3 | 391.1 | 387.8 | 386.8 | 386.2 | 387.5 | 388.4 | 389.8 | 390.4 | 388.8 |
| 40°   | 338.8 | 329.9 | 320.4 | 311.9 | 306.1 | 303.4 | 302.5 | 303.1 | 303.1 | 305.4 | 305.4 |
| 42.5° | 286.8 | 273.0 | 259.0 | 246.2 | 237.7 | 231.2 | 228.2 | 228.2 | 228.6 | 230.2 | 231.2 |
| 45°   | 243.6 | 226.3 | 209.9 | 195.9 | 184.1 | 175.6 | 171.7 | 170.7 | 170.4 | 171.0 | 173.3 |
| 47.5° | 210.6 | 192.6 | 175.6 | 158.3 | 145.8 | 137.3 | 133.7 | 132.4 | 131.1 | 132.4 | 132.8 |
| 50°   | 184.7 | 166.1 | 148.1 | 130.8 | 117.7 | 110.2 | 105.6 | 103.6 | 103.3 | 103.3 | 104.0 |
| 52.5° | 161.2 | 143.9 | 125.9 | 108.2 | 94.5  | 87.3  | 83.1  | 82.1  | 80.8  | 82.1  | 82.1  |
| 55°   | 139.0 | 121.6 | 104.0 | 87.3  | 75.9  | 68.3  | 64.4  | 63.1  | 62.4  | 63.4  | 63.4  |
| 57.5° | 114.8 | 100.1 | 83.7  | 68.7  | 57.2  | 52.0  | 49.0  | 47.4  | 47.1  | 47.7  | 47.1  |
| 60°   | 94.2  | 81.7  | 67.7  | 54.0  | 45.1  | 39.6  | 37.3  | 36.6  | 36.0  | 36.6  | 36.6  |
| 62.5° | 74.5  | 64.1  | 52.6  | 42.2  | 34.7  | 30.7  | 28.1  | 28.1  | 27.8  | 27.8  | 28.1  |
| 65°   | 55.3  | 47.1  | 38.9  | 30.1  | 24.2  | 21.3  | 19.3  | 19.3  | 19.0  | 19.3  | 19.0  |
| 67.5° | 40.2  | 34.7  | 28.1  | 21.9  | 17.3  | 15.7  | 14.4  | 13.4  | 14.1  | 13.4  | 13.1  |
| 70°   | 29.4  | 24.8  | 20.3  | 16.7  | 13.4  | 11.8  | 10.8  | 10.5  | 9.8   | 9.8   | 9.8   |
| 72.5° | 19.6  | 16.7  | 13.7  | 10.8  | 8.8   | 7.2   | 6.9   | 6.2   | 5.6   | 5.9   | 6.5   |
| 75°   | 13.1  | 11.1  | 9.8   | 7.8   | 5.9   | 5.9   | 3.9   | 3.9   | 3.3   | 3.9   | 2.9   |
| 77.5° | 9.2   | 7.5   | 5.9   | 4.9   | 3.9   | 3.6   | 2.6   | 2.6   | 2.3   | 2.3   | 2.3   |
| 80°   | 6.5   | 5.6   | 4.3   | 3.6   | 2.6   | 2.6   | 2.3   | 2.0   | 1.6   | 1.6   | 2.0   |
| 82.5° | 3.9   | 2.9   | 2.9   | 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   |



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**CANDELA DISTRIBUTION (continued):**

|       | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 |
| 2.5°  | 673.6 | 673.3 | 673.9 | 673.9 | 675.9 | 675.5 | 676.5 | 676.5 | 675.9 | 676.2 | 677.5 |
| 5°    | 675.9 | 676.9 | 678.8 | 680.5 | 683.4 | 684.7 | 686.3 | 688.0 | 688.3 | 689.3 | 690.3 |
| 7.5°  | 675.9 | 679.1 | 681.4 | 684.4 | 688.3 | 690.6 | 694.2 | 697.1 | 698.4 | 700.1 | 702.0 |
| 10°   | 674.6 | 677.8 | 682.1 | 685.4 | 690.3 | 693.9 | 697.5 | 702.0 | 704.0 | 706.6 | 709.2 |
| 12.5° | 671.9 | 675.5 | 680.1 | 684.4 | 689.9 | 693.2 | 697.8 | 702.0 | 705.0 | 708.6 | 711.5 |
| 15°   | 668.0 | 672.3 | 676.5 | 680.8 | 686.7 | 690.6 | 694.8 | 699.7 | 702.7 | 706.6 | 709.2 |
| 17.5° | 661.8 | 666.4 | 670.3 | 674.2 | 679.8 | 684.4 | 688.3 | 692.9 | 695.8 | 699.1 | 702.7 |
| 20°   | 654.3 | 658.5 | 662.8 | 666.1 | 671.6 | 675.5 | 679.8 | 684.0 | 686.3 | 687.0 | 692.6 |
| 22.5° | 644.8 | 647.7 | 651.0 | 656.3 | 659.5 | 663.1 | 667.0 | 671.0 | 673.3 | 676.9 | 678.8 |
| 25°   | 629.1 | 632.1 | 635.6 | 637.9 | 641.9 | 644.8 | 648.7 | 653.0 | 654.3 | 656.9 | 658.9 |
| 27.5° | 607.2 | 608.8 | 610.5 | 612.4 | 614.7 | 616.4 | 618.6 | 620.6 | 621.9 | 623.2 | 624.5 |
| 30°   | 572.5 | 572.5 | 572.5 | 571.2 | 572.2 | 573.2 | 573.5 | 573.2 | 573.2 | 572.9 | 572.9 |
| 32.5° | 526.8 | 524.2 | 521.2 | 518.6 | 517.6 | 516.3 | 515.6 | 514.7 | 513.0 | 512.1 | 512.4 |
| 35°   | 465.0 | 459.1 | 455.5 | 452.2 | 449.6 | 447.6 | 446.7 | 445.7 | 445.4 | 444.0 | 442.7 |
| 37.5° | 387.8 | 383.5 | 380.9 | 379.0 | 376.7 | 374.7 | 375.0 | 375.4 | 376.3 | 375.7 | 376.0 |
| 40°   | 306.1 | 305.1 | 306.1 | 303.8 | 303.1 | 303.8 | 305.4 | 307.7 | 309.0 | 310.3 | 312.6 |
| 42.5° | 232.8 | 234.4 | 236.7 | 236.7 | 237.7 | 239.0 | 241.0 | 244.6 | 246.5 | 248.8 | 251.5 |
| 45°   | 175.3 | 177.2 | 180.2 | 181.1 | 181.8 | 183.4 | 185.7 | 188.7 | 190.0 | 191.9 | 194.2 |
| 47.5° | 135.0 | 136.4 | 138.0 | 139.6 | 141.3 | 141.9 | 144.2 | 144.2 | 145.8 | 147.1 | 147.8 |
| 50°   | 105.3 | 106.6 | 107.9 | 108.9 | 109.5 | 110.5 | 111.2 | 112.2 | 112.5 | 113.1 | 113.5 |
| 52.5° | 82.4  | 84.0  | 84.0  | 84.7  | 85.7  | 86.6  | 86.3  | 86.6  | 87.0  | 87.0  | 88.0  |
| 55°   | 64.4  | 64.4  | 65.4  | 65.4  | 66.1  | 65.7  | 66.1  | 66.1  | 66.1  | 66.1  | 66.4  |
| 57.5° | 48.1  | 48.4  | 49.4  | 48.7  | 48.4  | 49.0  | 48.4  | 49.0  | 48.7  | 49.4  | 48.4  |
| 60°   | 36.9  | 36.9  | 37.3  | 37.3  | 37.6  | 37.6  | 37.6  | 37.3  | 37.3  | 36.9  | 36.9  |
| 62.5° | 27.8  | 28.1  | 28.5  | 28.1  | 28.1  | 28.1  | 27.8  | 27.8  | 27.5  | 27.1  | 27.1  |
| 65°   | 18.6  | 18.3  | 19.0  | 18.3  | 18.6  | 18.6  | 18.3  | 18.6  | 17.7  | 18.0  | 17.7  |
| 67.5° | 13.4  | 13.1  | 12.8  | 13.1  | 12.8  | 12.4  | 12.4  | 12.8  | 13.1  | 12.1  | 12.1  |
| 70°   | 8.8   | 9.2   | 8.8   | 9.2   | 9.5   | 9.5   | 9.2   | 8.8   | 9.2   | 8.5   | 8.8   |
| 72.5° | 5.6   | 5.6   | 5.6   | 5.6   | 5.6   | 5.9   | 5.9   | 5.9   | 5.2   | 5.2   | 4.9   |
| 75°   | 2.6   | 3.6   | 2.9   | 2.6   | 3.6   | 3.6   | 3.3   | 3.3   | 2.9   | 2.9   | 2.9   |
| 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: P245970

CATALOG NUMBER: LD8B10D010 ER8B10835 8LBSW0MW

**CANDELA DISTRIBUTION (continued):**

|       | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 |
| 2.5°  | 677.2 | 676.9 | 677.2 | 677.5 | 677.2 | 676.9 | 677.2 | 677.5 | 676.2 | 675.9 | 676.5 |
| 5°    | 691.6 | 691.6 | 692.2 | 692.6 | 692.2 | 691.6 | 691.6 | 690.3 | 689.3 | 688.3 | 688.0 |
| 7.5°  | 704.0 | 704.7 | 705.3 | 705.6 | 705.3 | 704.7 | 704.0 | 702.0 | 700.1 | 698.4 | 697.1 |
| 10°   | 711.5 | 712.5 | 713.8 | 714.4 | 713.8 | 712.5 | 711.5 | 709.2 | 706.6 | 704.0 | 702.0 |
| 12.5° | 714.8 | 715.8 | 717.4 | 717.1 | 717.4 | 715.8 | 714.8 | 711.5 | 708.6 | 705.0 | 702.0 |
| 15°   | 712.5 | 713.8 | 715.4 | 716.1 | 715.4 | 713.8 | 712.5 | 709.2 | 706.6 | 702.7 | 699.7 |
| 17.5° | 705.3 | 707.3 | 708.2 | 709.2 | 708.2 | 707.3 | 705.3 | 702.7 | 699.1 | 695.8 | 692.9 |
| 20°   | 695.5 | 696.8 | 698.1 | 698.4 | 698.1 | 696.8 | 695.5 | 692.6 | 687.0 | 686.3 | 684.0 |
| 22.5° | 681.4 | 682.4 | 685.4 | 684.4 | 685.4 | 682.4 | 681.4 | 678.8 | 676.9 | 673.3 | 671.0 |
| 25°   | 661.2 | 662.1 | 662.5 | 662.8 | 662.5 | 662.1 | 661.2 | 658.9 | 656.9 | 654.3 | 653.0 |
| 27.5° | 626.2 | 626.2 | 626.8 | 627.2 | 626.8 | 626.2 | 626.2 | 624.5 | 623.2 | 621.9 | 620.6 |
| 30°   | 573.2 | 573.2 | 573.2 | 574.8 | 573.2 | 573.2 | 573.2 | 572.9 | 572.9 | 573.2 | 573.2 |
| 32.5° | 512.1 | 511.4 | 510.7 | 511.4 | 510.7 | 511.4 | 512.1 | 512.4 | 512.1 | 513.0 | 514.7 |
| 35°   | 442.7 | 442.4 | 443.4 | 442.1 | 443.4 | 442.4 | 442.7 | 442.7 | 444.0 | 445.4 | 445.7 |
| 37.5° | 376.3 | 375.7 | 377.0 | 375.7 | 377.0 | 375.7 | 376.3 | 376.0 | 375.7 | 376.3 | 375.4 |
| 40°   | 313.3 | 313.9 | 313.9 | 316.5 | 313.9 | 313.9 | 313.3 | 312.6 | 310.3 | 309.0 | 307.7 |
| 42.5° | 252.8 | 254.7 | 254.1 | 256.0 | 254.1 | 254.7 | 252.8 | 251.5 | 248.8 | 246.5 | 244.6 |
| 45°   | 195.5 | 196.8 | 196.8 | 197.5 | 196.8 | 196.8 | 195.5 | 194.2 | 191.9 | 190.0 | 188.7 |
| 47.5° | 150.1 | 150.1 | 150.1 | 150.4 | 150.1 | 150.1 | 150.1 | 147.8 | 147.1 | 145.8 | 144.2 |
| 50°   | 114.1 | 114.4 | 114.8 | 115.1 | 114.8 | 114.4 | 114.1 | 113.5 | 113.1 | 112.5 | 112.2 |
| 52.5° | 87.6  | 88.0  | 87.3  | 88.0  | 87.3  | 88.0  | 87.6  | 88.0  | 87.0  | 87.0  | 86.6  |
| 55°   | 66.4  | 66.1  | 66.4  | 66.7  | 66.4  | 66.1  | 66.4  | 66.4  | 66.1  | 66.1  | 66.1  |
| 57.5° | 48.7  | 48.1  | 48.1  | 48.1  | 48.1  | 48.1  | 48.7  | 48.4  | 49.4  | 48.7  | 49.0  |
| 60°   | 36.3  | 36.6  | 36.6  | 36.9  | 36.6  | 36.6  | 36.3  | 36.9  | 36.9  | 37.3  | 37.3  |
| 62.5° | 26.8  | 27.8  | 27.1  | 27.8  | 27.1  | 27.8  | 26.8  | 27.1  | 27.1  | 27.5  | 27.8  |
| 65°   | 17.3  | 17.3  | 17.3  | 17.7  | 17.3  | 17.3  | 17.3  | 17.7  | 18.0  | 17.7  | 18.6  |
| 67.5° | 11.8  | 12.1  | 12.8  | 12.4  | 12.8  | 12.1  | 11.8  | 12.1  | 12.1  | 13.1  | 12.8  |
| 70°   | 9.5   | 8.5   | 8.5   | 9.5   | 8.5   | 8.5   | 9.5   | 8.8   | 8.5   | 9.2   | 8.8   |
| 72.5° | 5.6   | 4.9   | 5.6   | 5.6   | 5.6   | 4.9   | 5.6   | 4.9   | 5.2   | 5.2   | 5.9   |
| 75°   | 2.9   | 2.6   | 2.3   | 3.3   | 2.3   | 2.6   | 2.9   | 2.9   | 2.9   | 2.9   | 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: P245970

CATALOG NUMBER: LD8B10D010 ER8B10835 8LBSW0MW

**CANDELA DISTRIBUTION (continued):**

|       | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 |
| 2.5°  | 676.5 | 675.5 | 675.9 | 673.9 | 673.9 | 673.3 | 673.6 | 671.9 | 671.3 | 670.6 | 671.6 |
| 5°    | 686.3 | 684.7 | 683.4 | 680.5 | 678.8 | 676.9 | 675.9 | 673.3 | 671.0 | 669.0 | 668.7 |
| 7.5°  | 694.2 | 690.6 | 688.3 | 684.4 | 681.4 | 679.1 | 675.9 | 672.3 | 669.3 | 666.7 | 664.8 |
| 10°   | 697.5 | 693.9 | 690.3 | 685.4 | 682.1 | 677.8 | 674.6 | 670.0 | 666.1 | 662.5 | 660.2 |
| 12.5° | 697.8 | 693.2 | 689.9 | 684.4 | 680.1 | 675.5 | 671.9 | 666.7 | 662.1 | 658.5 | 654.9 |
| 15°   | 694.8 | 690.6 | 686.7 | 680.8 | 676.5 | 672.3 | 668.0 | 662.5 | 658.2 | 654.0 | 651.4 |
| 17.5° | 688.3 | 684.4 | 679.8 | 674.2 | 670.3 | 666.4 | 661.8 | 657.2 | 652.3 | 647.7 | 644.5 |
| 20°   | 679.8 | 675.5 | 671.6 | 666.1 | 662.8 | 658.5 | 654.3 | 649.4 | 645.5 | 640.9 | 637.3 |
| 22.5° | 667.0 | 663.1 | 659.5 | 656.3 | 651.0 | 647.7 | 644.8 | 639.3 | 635.3 | 631.1 | 627.2 |
| 25°   | 648.7 | 644.8 | 641.9 | 637.9 | 635.6 | 632.1 | 629.1 | 624.2 | 620.6 | 616.7 | 613.4 |
| 27.5° | 618.6 | 616.4 | 614.7 | 612.4 | 610.5 | 608.8 | 607.2 | 603.3 | 600.7 | 597.1 | 593.8 |
| 30°   | 573.5 | 573.2 | 572.2 | 571.2 | 572.5 | 572.5 | 572.5 | 571.9 | 569.6 | 567.0 | 564.7 |
| 32.5° | 515.6 | 516.3 | 517.6 | 518.6 | 521.2 | 524.2 | 526.8 | 528.1 | 528.1 | 526.4 | 525.5 |
| 35°   | 446.7 | 447.6 | 449.6 | 452.2 | 455.5 | 459.1 | 465.0 | 466.3 | 467.3 | 467.3 | 465.9 |
| 37.5° | 375.0 | 374.7 | 376.7 | 379.0 | 380.9 | 383.5 | 387.8 | 388.8 | 390.4 | 389.8 | 388.4 |
| 40°   | 305.4 | 303.8 | 303.1 | 303.8 | 306.1 | 305.1 | 306.1 | 305.4 | 305.4 | 303.1 | 303.1 |
| 42.5° | 241.0 | 239.0 | 237.7 | 236.7 | 236.7 | 234.4 | 232.8 | 231.2 | 230.2 | 228.6 | 228.2 |
| 45°   | 185.7 | 183.4 | 181.8 | 181.1 | 180.2 | 177.2 | 175.3 | 173.3 | 171.0 | 170.4 | 170.7 |
| 47.5° | 144.2 | 141.9 | 141.3 | 139.6 | 138.0 | 136.4 | 135.0 | 132.8 | 132.4 | 131.1 | 132.4 |
| 50°   | 111.2 | 110.5 | 109.5 | 108.9 | 107.9 | 106.6 | 105.3 | 104.0 | 103.3 | 103.3 | 103.6 |
| 52.5° | 86.3  | 86.6  | 85.7  | 84.7  | 84.0  | 84.0  | 82.4  | 82.1  | 82.1  | 80.8  | 82.1  |
| 55°   | 66.1  | 65.7  | 66.1  | 65.4  | 65.4  | 64.4  | 64.4  | 63.4  | 63.4  | 62.4  | 63.1  |
| 57.5° | 48.4  | 49.0  | 48.4  | 48.7  | 49.4  | 48.4  | 48.1  | 47.1  | 47.7  | 47.1  | 47.4  |
| 60°   | 37.6  | 37.6  | 37.6  | 37.3  | 37.3  | 36.9  | 36.9  | 36.6  | 36.6  | 36.0  | 36.6  |
| 62.5° | 27.8  | 28.1  | 28.1  | 28.1  | 28.5  | 28.1  | 27.8  | 28.1  | 27.8  | 27.8  | 28.1  |
| 65°   | 18.3  | 18.6  | 18.6  | 18.3  | 19.0  | 18.3  | 18.6  | 19.0  | 19.3  | 19.0  | 19.3  |
| 67.5° | 12.4  | 12.4  | 12.8  | 13.1  | 12.8  | 13.1  | 13.4  | 13.1  | 13.4  | 14.1  | 13.4  |
| 70°   | 9.2   | 9.5   | 9.5   | 9.2   | 8.8   | 9.2   | 8.8   | 9.8   | 9.8   | 9.8   | 10.5  |
| 72.5° | 5.9   | 5.9   | 5.6   | 5.6   | 5.6   | 5.6   | 5.6   | 6.5   | 5.9   | 5.6   | 6.2   |
| 75°   | 3.3   | 3.6   | 3.6   | 2.6   | 2.9   | 3.6   | 2.6   | 2.9   | 3.9   | 3.3   | 3.9   |
| 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: P245970

CATALOG NUMBER: LD8B10D010 ER8B10835 8LBSW0MW

**CANDELA DISTRIBUTION (continued):**

|       | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 |
| 2.5°  | 669.0 | 669.0 | 668.7 | 668.0 | 666.7 | 666.7 | 666.4 | 665.4 | 664.8 | 664.4 | 664.4 |
| 5°    | 665.7 | 664.4 | 663.1 | 659.5 | 659.5 | 658.9 | 656.9 | 655.6 | 654.9 | 653.3 | 652.7 |
| 7.5°  | 662.8 | 658.9 | 656.6 | 654.3 | 651.4 | 650.0 | 647.7 | 646.8 | 644.5 | 642.8 | 641.9 |
| 10°   | 655.6 | 653.0 | 650.0 | 646.4 | 644.2 | 641.5 | 638.9 | 637.0 | 634.0 | 632.4 | 631.1 |
| 12.5° | 650.7 | 646.8 | 644.2 | 640.2 | 636.3 | 634.0 | 630.4 | 628.1 | 625.2 | 621.9 | 620.0 |
| 15°   | 646.1 | 641.9 | 638.3 | 634.0 | 629.8 | 627.2 | 622.9 | 620.3 | 616.0 | 612.8 | 610.5 |
| 17.5° | 639.3 | 635.6 | 631.7 | 626.5 | 622.6 | 619.3 | 614.7 | 611.5 | 607.5 | 603.3 | 601.0 |
| 20°   | 632.1 | 627.8 | 623.9 | 618.6 | 614.7 | 610.8 | 606.2 | 602.6 | 598.0 | 594.1 | 591.5 |
| 22.5° | 622.6 | 617.7 | 614.4 | 609.2 | 604.6 | 600.3 | 596.1 | 591.8 | 587.6 | 584.3 | 581.4 |
| 25°   | 608.8 | 603.6 | 600.0 | 595.8 | 591.5 | 588.2 | 583.0 | 580.4 | 576.1 | 573.2 | 570.3 |
| 27.5° | 589.2 | 585.3 | 582.0 | 577.8 | 574.2 | 571.6 | 567.6 | 565.0 | 561.4 | 558.8 | 556.5 |
| 30°   | 560.5 | 557.2 | 554.2 | 550.0 | 547.4 | 545.1 | 541.5 | 539.2 | 536.6 | 533.6 | 533.0 |
| 32.5° | 521.9 | 519.2 | 516.3 | 513.4 | 511.4 | 510.1 | 507.1 | 505.8 | 503.2 | 501.6 | 500.0 |
| 35°   | 463.7 | 461.4 | 459.7 | 458.4 | 457.8 | 458.1 | 457.5 | 458.8 | 459.4 | 459.1 | 459.4 |
| 37.5° | 387.5 | 386.2 | 386.8 | 387.8 | 391.1 | 395.3 | 399.2 | 405.1 | 409.1 | 413.0 | 416.6 |
| 40°   | 302.5 | 303.4 | 306.1 | 311.9 | 320.4 | 329.9 | 338.8 | 349.9 | 361.0 | 368.8 | 376.0 |
| 42.5° | 228.2 | 231.2 | 237.7 | 246.2 | 259.0 | 273.0 | 286.8 | 303.1 | 316.5 | 329.6 | 338.8 |
| 45°   | 171.7 | 175.6 | 184.1 | 195.9 | 209.9 | 226.3 | 243.6 | 261.9 | 277.9 | 291.3 | 301.5 |
| 47.5° | 133.7 | 137.3 | 145.8 | 158.3 | 175.6 | 192.6 | 210.6 | 229.5 | 246.2 | 259.3 | 268.1 |
| 50°   | 105.6 | 110.2 | 117.7 | 130.8 | 148.1 | 166.1 | 184.7 | 203.4 | 219.1 | 230.2 | 238.0 |
| 52.5° | 83.1  | 87.3  | 94.5  | 108.2 | 125.9 | 143.9 | 161.2 | 179.5 | 193.2 | 204.0 | 209.3 |
| 55°   | 64.4  | 68.3  | 75.9  | 87.3  | 104.0 | 121.6 | 139.0 | 154.7 | 167.4 | 175.3 | 180.2 |
| 57.5° | 49.0  | 52.0  | 57.2  | 68.7  | 83.7  | 100.1 | 114.8 | 130.5 | 140.3 | 145.8 | 149.1 |
| 60°   | 37.3  | 39.6  | 45.1  | 54.0  | 67.7  | 81.7  | 94.2  | 105.9 | 113.8 | 118.4 | 121.6 |
| 62.5° | 28.1  | 30.7  | 34.7  | 42.2  | 52.6  | 64.1  | 74.5  | 83.4  | 89.9  | 92.9  | 95.2  |
| 65°   | 19.3  | 21.3  | 24.2  | 30.1  | 38.9  | 47.1  | 55.3  | 61.8  | 66.1  | 69.3  | 70.6  |
| 67.5° | 14.4  | 15.7  | 17.3  | 21.9  | 28.1  | 34.7  | 40.2  | 44.8  | 49.4  | 50.7  | 53.0  |
| 70°   | 10.8  | 11.8  | 13.4  | 16.7  | 20.3  | 24.8  | 29.4  | 32.0  | 35.3  | 37.6  | 38.3  |
| 72.5° | 6.9   | 7.2   | 8.8   | 10.8  | 13.7  | 16.7  | 19.6  | 21.9  | 23.9  | 25.2  | 25.8  |
| 75°   | 3.9   | 5.9   | 5.9   | 7.8   | 9.8   | 11.1  | 13.1  | 14.7  | 15.7  | 16.7  | 16.7  |
| 77.5° | 2.6   | 3.6   | 3.9   | 4.9   | 5.9   | 7.5   | 9.2   | 10.1  | 11.1  | 11.4  | 11.4  |
| 80°   | 2.3   | 2.6   | 2.6   | 3.6   | 4.3   | 5.6   | 6.5   | 6.9   | 7.5   | 7.8   | 8.5   |
| 82.5° | 1.0   | 1.3   | 1.6   | 2.6   | 2.9   | 2.9   | 3.9   | 4.3   | 4.9   | 5.2   | 5.2   |
| 85°   | 0.3   | 0.7   | 0.7   | 1.0   | 1.6   | 2.0   | 2.3   | 2.6   | 2.9   | 2.9   | 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: P245970

CATALOG NUMBER: LD8B10D010 ER8B10835 8LBSW0MW

**CANDELA DISTRIBUTION (continued):**

|       | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 | 669.7 |
| 2.5°  | 663.8 | 664.1 | 662.8 | 662.5 | 661.8 | 662.1 | 662.8 |
| 5°    | 651.7 | 652.0 | 650.7 | 649.4 | 649.4 | 649.1 | 649.4 |
| 7.5°  | 640.2 | 640.6 | 638.6 | 637.9 | 636.6 | 637.0 | 637.0 |
| 10°   | 628.8 | 628.8 | 625.8 | 625.5 | 624.5 | 624.2 | 624.2 |
| 12.5° | 617.7 | 616.7 | 614.4 | 613.1 | 613.7 | 611.8 | 611.8 |
| 15°   | 607.9 | 606.2 | 603.3 | 602.3 | 600.7 | 600.0 | 600.0 |
| 17.5° | 597.7 | 596.4 | 593.8 | 591.8 | 589.9 | 589.6 | 589.9 |
| 20°   | 587.9 | 586.6 | 583.3 | 582.0 | 580.4 | 580.4 | 579.7 |
| 22.5° | 578.1 | 576.8 | 573.9 | 572.9 | 570.6 | 570.6 | 570.9 |
| 25°   | 568.0 | 567.0 | 563.7 | 563.1 | 562.7 | 561.4 | 562.1 |
| 27.5° | 554.2 | 553.6 | 551.0 | 550.0 | 548.7 | 548.4 | 549.0 |
| 30°   | 529.1 | 528.1 | 526.1 | 525.1 | 522.8 | 523.2 | 523.8 |
| 32.5° | 497.7 | 496.4 | 493.7 | 492.8 | 490.8 | 490.1 | 490.5 |
| 35°   | 458.4 | 457.5 | 455.2 | 455.2 | 453.2 | 452.5 | 453.2 |
| 37.5° | 418.5 | 419.5 | 418.5 | 419.5 | 418.5 | 418.2 | 418.5 |
| 40°   | 380.9 | 384.5 | 385.2 | 388.8 | 387.5 | 389.4 | 389.1 |
| 42.5° | 345.0 | 350.8 | 353.1 | 356.1 | 355.4 | 356.7 | 357.7 |
| 45°   | 308.7 | 313.6 | 315.9 | 317.8 | 318.2 | 318.8 | 319.1 |
| 47.5° | 274.3 | 278.3 | 278.6 | 280.9 | 280.5 | 280.5 | 281.5 |
| 50°   | 242.3 | 244.9 | 245.6 | 247.2 | 245.9 | 245.2 | 245.6 |
| 52.5° | 212.5 | 215.2 | 214.5 | 215.2 | 213.5 | 212.9 | 213.2 |
| 55°   | 182.1 | 183.4 | 183.4 | 183.4 | 181.5 | 181.5 | 181.5 |
| 57.5° | 151.1 | 151.4 | 150.7 | 151.1 | 150.7 | 148.8 | 148.5 |
| 60°   | 122.6 | 122.6 | 122.3 | 122.6 | 121.6 | 120.7 | 120.7 |
| 62.5° | 95.8  | 96.5  | 97.8  | 96.5  | 95.8  | 96.5  | 95.5  |
| 65°   | 71.6  | 72.9  | 72.6  | 73.2  | 72.9  | 72.9  | 72.3  |
| 67.5° | 54.0  | 54.3  | 54.6  | 54.9  | 54.9  | 54.9  | 54.9  |
| 70°   | 39.6  | 40.6  | 40.2  | 40.2  | 40.2  | 40.2  | 42.2  |
| 72.5° | 26.5  | 27.8  | 27.5  | 28.1  | 28.1  | 28.8  | 28.1  |
| 75°   | 18.0  | 19.3  | 18.6  | 19.6  | 19.3  | 18.6  | 20.3  |
| 77.5° | 12.1  | 12.8  | 13.1  | 13.4  | 13.1  | 12.8  | 13.1  |
| 80°   | 8.5   | 9.2   | 8.8   | 9.2   | 9.2   | 9.2   | 9.5   |
| 82.5° | 5.2   | 6.2   | 5.9   | 6.2   | 5.9   | 6.2   | 6.2   |
| 85°   | 3.6   | 3.9   | 3.3   | 3.9   | 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)