

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: P244968

Luminaire Tested: **LSR8B10D010 EC8B10840 8LBSW0WMH**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P244968  
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: LSR8B10D010 EC8B10840 8LBSW0WMH  
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF  
RECESSED DOWNLIGHT- CYLINDEC  
80 CRI 4000 CCT WITH WARM HAZE TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1123.0 lumens  
Efficiency: N/A  
Efficacy: 110.1 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

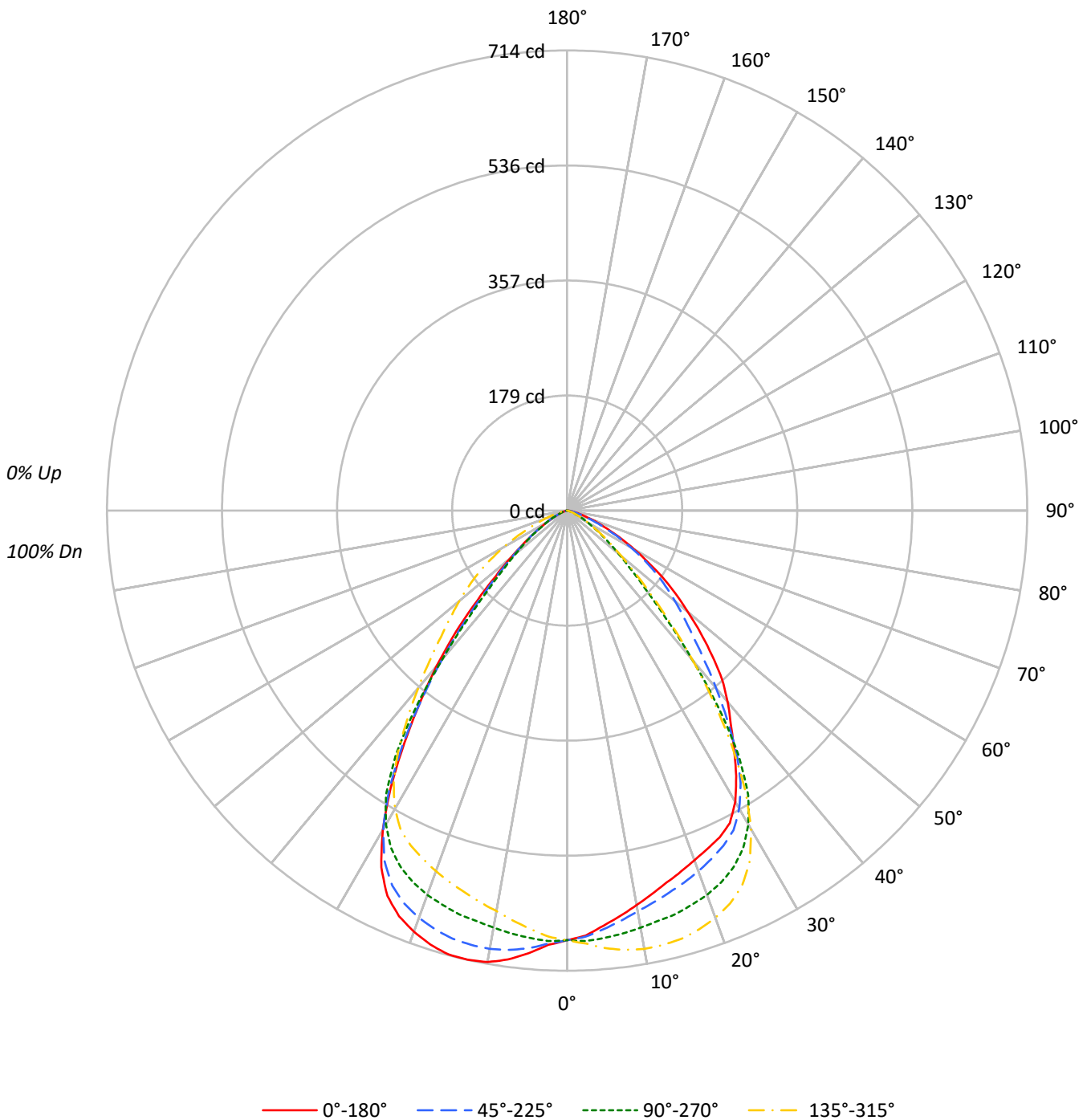
Input Watts (W): 10.2  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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  | 98  | 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°  | 20559 | 20559 | 20559 | 20559 |
| 5°  | 20012 | 20606 | 21343 | 20606 |
| 10° | 19457 | 20578 | 22272 | 20578 |
| 15° | 19068 | 20703 | 22759 | 20703 |
| 20° | 18941 | 20821 | 22816 | 20821 |
| 25° | 19040 | 20779 | 22453 | 20779 |
| 30° | 18569 | 20018 | 20378 | 20018 |
| 35° | 16985 | 17463 | 16567 | 17463 |
| 40° | 15594 | 12149 | 12684 | 12149 |
| 45° | 13855 | 7409  | 8574  | 7409  |
| 50° | 11729 | 4951  | 5498  | 4951  |
| 55° | 9715  | 3376  | 3570  | 3376  |
| 60° | 7407  | 2251  | 2270  | 2251  |
| 65° | 5246  | 1401  | 1284  | 1401  |
| 70° | 3787  | 938   | 847   | 938   |
| 75° | 2407  | 465   | 393   | 465   |
| 80° | 1669  | 355   | 284   | 355   |
| 85° | 1486  | 0     | 106   | 0     |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 63.5   | 5.7       |
| 10°-20°   | 183.8  | 16.4      |
| 20°-30°   | 278.2  | 24.8      |
| 30°-40°   | 278.9  | 24.8      |
| 40°-50°   | 175.1  | 15.6      |
| 50°-60°   | 93.3   | 8.3       |
| 60°-70°   | 38.4   | 3.4       |
| 70°-80°   | 10.1   | 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°    | 525.5  | 46.8      |
| 0°-40°    | 804.3  | 71.6      |
| 0°-60°    | 1072.8 | 95.5      |
| 0°-90°    | 1123.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1123.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | 90° | 180° | 270° | 360° | Flux |
|-----|-----|-----|------|------|------|------|
| 0°  | 667 | 667 | 667  | 667  | 667  |      |
| 5°  | 646 | 666 | 690  | 666  | 646  | 61   |
| 15° | 597 | 648 | 713  | 648  | 597  | 169  |
| 25° | 560 | 611 | 660  | 611  | 560  | 257  |
| 35° | 451 | 464 | 440  | 464  | 451  | 283  |
| 45° | 318 | 170 | 197  | 170  | 318  | 244  |
| 55° | 181 | 63  | 66   | 63   | 181  | 161  |
| 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°    | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 |
| 2.5°  | 659.9 | 659.2 | 658.9 | 659.5 | 659.9 | 661.2 | 660.8 | 661.5 | 661.5 | 661.8 | 662.5 |
| 5°    | 646.5 | 646.2 | 646.5 | 646.5 | 647.8 | 649.1 | 648.8 | 649.8 | 650.4 | 652.0 | 652.7 |
| 7.5°  | 634.1 | 634.1 | 633.8 | 635.1 | 635.8 | 637.7 | 637.4 | 639.0 | 640.0 | 641.6 | 643.9 |
| 10°   | 621.4 | 621.4 | 621.8 | 622.7 | 623.1 | 626.0 | 626.0 | 628.3 | 629.6 | 631.2 | 634.1 |
| 12.5° | 609.1 | 609.1 | 611.0 | 610.4 | 611.7 | 614.0 | 614.9 | 617.2 | 619.2 | 622.4 | 625.4 |
| 15°   | 597.3 | 597.3 | 598.0 | 599.6 | 600.6 | 603.5 | 605.2 | 607.8 | 610.1 | 613.3 | 617.5 |
| 17.5° | 587.3 | 586.9 | 587.3 | 589.2 | 591.2 | 593.8 | 595.1 | 598.3 | 600.6 | 604.8 | 608.8 |
| 20°   | 577.2 | 577.8 | 577.8 | 579.4 | 580.7 | 584.0 | 585.3 | 588.9 | 591.5 | 595.4 | 600.0 |
| 22.5° | 568.4 | 568.1 | 568.1 | 570.3 | 571.3 | 574.2 | 575.5 | 578.8 | 581.7 | 585.0 | 589.2 |
| 25°   | 559.6 | 558.9 | 560.2 | 560.6 | 561.2 | 564.5 | 565.4 | 567.7 | 570.7 | 573.6 | 577.8 |
| 27.5° | 546.6 | 545.9 | 546.2 | 547.5 | 548.5 | 551.1 | 551.8 | 554.1 | 556.3 | 558.9 | 562.5 |
| 30°   | 521.5 | 520.9 | 520.5 | 522.8 | 523.8 | 525.7 | 526.7 | 530.6 | 531.3 | 534.2 | 536.8 |
| 32.5° | 488.3 | 488.0 | 488.6 | 490.6 | 491.5 | 494.2 | 495.5 | 497.7 | 499.4 | 501.0 | 503.6 |
| 35°   | 451.2 | 450.5 | 451.2 | 453.1 | 453.1 | 455.4 | 456.4 | 457.4 | 457.0 | 457.4 | 456.7 |
| 37.5° | 416.7 | 416.4 | 416.7 | 417.7 | 416.7 | 417.7 | 416.7 | 414.7 | 411.2 | 407.2 | 403.3 |
| 40°   | 387.4 | 387.7 | 385.8 | 387.1 | 383.5 | 382.8 | 379.3 | 374.4 | 367.2 | 359.4 | 348.3 |
| 42.5° | 356.1 | 355.2 | 353.9 | 354.5 | 351.6 | 349.3 | 343.4 | 337.3 | 328.1 | 315.1 | 301.8 |
| 45°   | 317.7 | 317.4 | 316.7 | 316.4 | 314.5 | 312.2 | 307.3 | 300.1 | 290.1 | 276.7 | 260.7 |
| 47.5° | 280.3 | 279.3 | 279.3 | 279.6 | 277.3 | 277.0 | 273.1 | 266.9 | 258.1 | 245.1 | 228.5 |
| 50°   | 244.5 | 244.1 | 244.8 | 246.1 | 244.5 | 243.8 | 241.2 | 237.0 | 229.2 | 218.1 | 202.5 |
| 52.5° | 212.2 | 211.9 | 212.6 | 214.2 | 213.5 | 214.2 | 211.6 | 208.3 | 203.1 | 192.4 | 178.7 |
| 55°   | 180.7 | 180.7 | 180.7 | 182.6 | 182.6 | 182.6 | 181.3 | 179.4 | 174.5 | 166.7 | 154.0 |
| 57.5° | 147.8 | 148.1 | 150.1 | 150.4 | 150.1 | 150.7 | 150.4 | 148.4 | 145.2 | 139.7 | 129.9 |
| 60°   | 120.1 | 120.1 | 121.1 | 122.1 | 121.7 | 122.1 | 122.1 | 121.1 | 117.8 | 113.3 | 105.5 |
| 62.5° | 95.1  | 96.0  | 95.4  | 96.0  | 97.3  | 96.0  | 95.4  | 94.7  | 92.5  | 89.5  | 83.0  |
| 65°   | 71.9  | 72.6  | 72.6  | 72.9  | 72.3  | 72.6  | 71.3  | 70.3  | 69.0  | 65.8  | 61.5  |
| 67.5° | 54.7  | 54.7  | 54.7  | 54.7  | 54.4  | 54.0  | 53.7  | 52.7  | 50.5  | 49.2  | 44.6  |
| 70°   | 42.0  | 40.0  | 40.0  | 40.0  | 40.0  | 40.4  | 39.4  | 38.1  | 37.4  | 35.2  | 31.9  |
| 72.5° | 28.0  | 28.6  | 28.0  | 28.0  | 27.3  | 27.7  | 26.4  | 25.7  | 25.1  | 23.8  | 21.8  |
| 75°   | 20.2  | 18.6  | 19.2  | 19.5  | 18.6  | 19.2  | 17.9  | 16.6  | 16.6  | 15.6  | 14.6  |
| 77.5° | 13.0  | 12.7  | 13.0  | 13.3  | 13.0  | 12.7  | 12.0  | 11.4  | 11.4  | 11.1  | 10.1  |
| 80°   | 9.4   | 9.1   | 9.1   | 9.1   | 8.8   | 9.1   | 8.5   | 8.5   | 7.8   | 7.5   | 6.8   |
| 82.5° | 6.2   | 6.2   | 5.9   | 6.2   | 5.9   | 6.2   | 5.2   | 5.2   | 5.2   | 4.9   | 4.2   |
| 85°   | 4.2   | 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°    | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 |
| 2.5°  | 663.4 | 663.8 | 663.8 | 665.1 | 665.7 | 666.0 | 666.0 | 668.6 | 667.7 | 668.3 | 669.0 |
| 5°    | 654.0 | 655.9 | 656.6 | 656.6 | 660.2 | 661.5 | 662.8 | 665.7 | 666.0 | 668.0 | 670.3 |
| 7.5°  | 644.9 | 647.2 | 648.5 | 651.4 | 653.7 | 655.9 | 659.9 | 661.8 | 663.8 | 666.4 | 669.3 |
| 10°   | 636.1 | 638.7 | 641.3 | 643.6 | 647.2 | 650.1 | 652.7 | 657.2 | 659.5 | 663.1 | 667.0 |
| 12.5° | 627.6 | 631.2 | 633.5 | 637.4 | 641.3 | 643.9 | 647.8 | 652.0 | 655.6 | 659.2 | 663.8 |
| 15°   | 620.1 | 624.4 | 627.0 | 631.2 | 635.4 | 639.0 | 643.3 | 648.5 | 651.1 | 655.3 | 659.5 |
| 17.5° | 612.0 | 616.6 | 619.8 | 623.7 | 628.9 | 632.8 | 636.4 | 641.6 | 644.9 | 649.4 | 654.3 |
| 20°   | 603.5 | 608.1 | 612.0 | 615.9 | 621.1 | 625.0 | 629.3 | 634.5 | 638.0 | 642.6 | 646.5 |
| 22.5° | 593.4 | 597.7 | 601.9 | 606.5 | 611.7 | 614.9 | 619.8 | 624.4 | 628.3 | 632.5 | 636.4 |
| 25°   | 580.4 | 585.6 | 588.9 | 593.1 | 597.3 | 600.9 | 606.1 | 610.7 | 614.0 | 617.9 | 621.4 |
| 27.5° | 565.1 | 569.0 | 571.6 | 575.2 | 579.4 | 582.7 | 586.6 | 591.2 | 594.4 | 598.0 | 600.6 |
| 30°   | 539.1 | 542.7 | 544.9 | 547.5 | 551.8 | 554.7 | 558.0 | 562.2 | 564.5 | 567.1 | 569.4 |
| 32.5° | 504.9 | 507.8 | 509.1 | 511.1 | 514.0 | 516.9 | 519.6 | 523.1 | 524.1 | 525.7 | 525.7 |
| 35°   | 455.4 | 456.1 | 455.7 | 456.4 | 457.7 | 459.3 | 461.6 | 463.9 | 465.2 | 465.2 | 464.2 |
| 37.5° | 397.5 | 393.6 | 389.3 | 386.1 | 385.1 | 384.4 | 385.8 | 386.7 | 388.0 | 388.7 | 387.1 |
| 40°   | 337.3 | 328.5 | 319.0 | 310.6 | 304.7 | 302.1 | 301.1 | 301.8 | 301.8 | 304.0 | 304.0 |
| 42.5° | 285.5 | 271.8 | 257.8 | 245.1 | 236.7 | 230.2 | 227.2 | 227.2 | 227.5 | 229.2 | 230.2 |
| 45°   | 242.5 | 225.3 | 209.0 | 195.0 | 183.3 | 174.8 | 170.9 | 169.9 | 169.6 | 170.2 | 172.5 |
| 47.5° | 209.6 | 191.7 | 174.8 | 157.6 | 145.2 | 136.7 | 133.1 | 131.8 | 130.5 | 131.8 | 132.2 |
| 50°   | 183.9 | 165.4 | 147.5 | 130.2 | 117.2 | 109.7 | 105.1 | 103.2 | 102.9 | 102.9 | 103.5 |
| 52.5° | 160.5 | 143.2 | 125.3 | 107.8 | 94.1  | 86.9  | 82.7  | 81.7  | 80.4  | 81.7  | 81.7  |
| 55°   | 138.3 | 121.1 | 103.5 | 86.9  | 75.5  | 68.0  | 64.1  | 62.8  | 62.2  | 63.2  | 63.2  |
| 57.5° | 114.3 | 99.6  | 83.3  | 68.4  | 57.0  | 51.8  | 48.8  | 47.2  | 46.9  | 47.5  | 46.9  |
| 60°   | 93.8  | 81.4  | 67.4  | 53.7  | 44.9  | 39.4  | 37.1  | 36.5  | 35.8  | 36.5  | 36.5  |
| 62.5° | 74.2  | 63.8  | 52.4  | 42.0  | 34.5  | 30.6  | 28.0  | 28.0  | 27.7  | 27.7  | 28.0  |
| 65°   | 55.0  | 46.9  | 38.7  | 29.9  | 24.1  | 21.2  | 19.2  | 19.2  | 18.9  | 19.2  | 18.9  |
| 67.5° | 40.0  | 34.5  | 28.0  | 21.8  | 17.3  | 15.6  | 14.3  | 13.3  | 14.0  | 13.3  | 13.0  |
| 70°   | 29.3  | 24.7  | 20.2  | 16.6  | 13.3  | 11.7  | 10.7  | 10.4  | 9.8   | 9.8   | 9.8   |
| 72.5° | 19.5  | 16.6  | 13.7  | 10.7  | 8.8   | 7.2   | 6.8   | 6.2   | 5.5   | 5.9   | 6.5   |
| 75°   | 13.0  | 11.1  | 9.8   | 7.8   | 5.9   | 5.9   | 3.9   | 3.9   | 3.3   | 3.9   | 2.9   |
| 77.5° | 9.1   | 7.5   | 5.9   | 4.9   | 3.9   | 3.6   | 2.6   | 2.6   | 2.3   | 2.3   | 2.3   |
| 80°   | 6.5   | 5.5   | 4.2   | 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°    | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 |
| 2.5°  | 670.6 | 670.3 | 670.9 | 670.9 | 672.9 | 672.5 | 673.5 | 673.5 | 672.9 | 673.2 | 674.5 |
| 5°    | 672.9 | 673.9 | 675.8 | 677.4 | 680.4 | 681.7 | 683.3 | 684.9 | 685.2 | 686.2 | 687.2 |
| 7.5°  | 672.9 | 676.1 | 678.4 | 681.3 | 685.2 | 687.5 | 691.1 | 694.0 | 695.3 | 697.0 | 698.9 |
| 10°   | 671.6 | 674.8 | 679.1 | 682.3 | 687.2 | 690.8 | 694.4 | 698.9 | 700.9 | 703.5 | 706.1 |
| 12.5° | 669.0 | 672.5 | 677.1 | 681.3 | 686.9 | 690.1 | 694.7 | 698.9 | 701.8 | 705.4 | 708.4 |
| 15°   | 665.1 | 669.3 | 673.5 | 677.8 | 683.6 | 687.5 | 691.8 | 696.6 | 699.6 | 703.5 | 706.1 |
| 17.5° | 658.9 | 663.4 | 667.3 | 671.2 | 676.8 | 681.3 | 685.2 | 689.8 | 692.7 | 696.0 | 699.6 |
| 20°   | 651.4 | 655.6 | 659.9 | 663.1 | 668.6 | 672.5 | 676.8 | 681.0 | 683.3 | 683.9 | 689.5 |
| 22.5° | 642.0 | 644.9 | 648.1 | 653.3 | 656.6 | 660.2 | 664.1 | 668.0 | 670.3 | 673.9 | 675.8 |
| 25°   | 626.3 | 629.3 | 632.8 | 635.1 | 639.0 | 642.0 | 645.9 | 650.1 | 651.4 | 654.0 | 655.9 |
| 27.5° | 604.5 | 606.1 | 607.8 | 609.7 | 612.0 | 613.6 | 615.9 | 617.9 | 619.2 | 620.5 | 621.8 |
| 30°   | 570.0 | 570.0 | 570.0 | 568.7 | 569.7 | 570.7 | 571.0 | 570.7 | 570.7 | 570.3 | 570.3 |
| 32.5° | 524.4 | 521.8 | 518.9 | 516.3 | 515.3 | 514.0 | 513.4 | 512.4 | 510.8 | 509.8 | 510.1 |
| 35°   | 462.9 | 457.0 | 453.5 | 450.2 | 447.6 | 445.7 | 444.7 | 443.7 | 443.4 | 442.1 | 440.8 |
| 37.5° | 386.1 | 381.8 | 379.3 | 377.3 | 375.0 | 373.1 | 373.4 | 373.7 | 374.7 | 374.0 | 374.4 |
| 40°   | 304.7 | 303.7 | 304.7 | 302.4 | 301.8 | 302.4 | 304.0 | 306.3 | 307.6 | 308.9 | 311.2 |
| 42.5° | 231.8 | 233.4 | 235.7 | 235.7 | 236.7 | 238.0 | 239.9 | 243.5 | 245.4 | 247.7 | 250.3 |
| 45°   | 174.5 | 176.4 | 179.4 | 180.3 | 181.0 | 182.6 | 184.9 | 187.8 | 189.1 | 191.1 | 193.4 |
| 47.5° | 134.4 | 135.7 | 137.4 | 139.0 | 140.6 | 141.3 | 143.6 | 143.6 | 145.2 | 146.5 | 147.1 |
| 50°   | 104.8 | 106.1 | 107.4 | 108.4 | 109.1 | 110.0 | 110.7 | 111.7 | 112.0 | 112.6 | 113.0 |
| 52.5° | 82.0  | 83.7  | 83.7  | 84.3  | 85.3  | 86.3  | 85.9  | 86.3  | 86.6  | 86.6  | 87.6  |
| 55°   | 64.1  | 64.1  | 65.1  | 65.1  | 65.8  | 65.4  | 65.8  | 65.8  | 65.8  | 65.8  | 66.1  |
| 57.5° | 47.8  | 48.2  | 49.2  | 48.5  | 48.2  | 48.8  | 48.2  | 48.8  | 48.5  | 49.2  | 48.2  |
| 60°   | 36.8  | 36.8  | 37.1  | 37.1  | 37.4  | 37.4  | 37.4  | 37.1  | 37.1  | 36.8  | 36.8  |
| 62.5° | 27.7  | 28.0  | 28.3  | 28.0  | 28.0  | 28.0  | 27.7  | 27.7  | 27.3  | 27.0  | 27.0  |
| 65°   | 18.6  | 18.2  | 18.9  | 18.2  | 18.6  | 18.6  | 18.2  | 18.6  | 17.6  | 17.9  | 17.6  |
| 67.5° | 13.3  | 13.0  | 12.7  | 13.0  | 12.7  | 12.4  | 12.4  | 12.7  | 13.0  | 12.0  | 12.0  |
| 70°   | 8.8   | 9.1   | 8.8   | 9.1   | 9.4   | 9.4   | 9.1   | 8.8   | 9.1   | 8.5   | 8.8   |
| 72.5° | 5.5   | 5.5   | 5.5   | 5.5   | 5.5   | 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: P244968

CATALOG NUMBER: LSR8B10D010 EC8B10840 8LBSW0WMH

**CANDELA DISTRIBUTION (continued):**

|       | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 |
| 2.5°  | 674.2 | 673.9 | 674.2 | 674.5 | 674.2 | 673.9 | 674.2 | 674.5 | 673.2 | 672.9 | 673.5 |
| 5°    | 688.5 | 688.5 | 689.1 | 689.5 | 689.1 | 688.5 | 688.5 | 687.2 | 686.2 | 685.2 | 684.9 |
| 7.5°  | 700.9 | 701.5 | 702.2 | 702.5 | 702.2 | 701.5 | 700.9 | 698.9 | 697.0 | 695.3 | 694.0 |
| 10°   | 708.4 | 709.3 | 710.6 | 711.3 | 710.6 | 709.3 | 708.4 | 706.1 | 703.5 | 700.9 | 698.9 |
| 12.5° | 711.6 | 712.6 | 714.2 | 713.9 | 714.2 | 712.6 | 711.6 | 708.4 | 705.4 | 701.8 | 698.9 |
| 15°   | 709.3 | 710.6 | 712.3 | 712.9 | 712.3 | 710.6 | 709.3 | 706.1 | 703.5 | 699.6 | 696.6 |
| 17.5° | 702.2 | 704.1 | 705.1 | 706.1 | 705.1 | 704.1 | 702.2 | 699.6 | 696.0 | 692.7 | 689.8 |
| 20°   | 692.4 | 693.7 | 695.0 | 695.3 | 695.0 | 693.7 | 692.4 | 689.5 | 683.9 | 683.3 | 681.0 |
| 22.5° | 678.4 | 679.4 | 682.3 | 681.3 | 682.3 | 679.4 | 678.4 | 675.8 | 673.9 | 670.3 | 668.0 |
| 25°   | 658.2 | 659.2 | 659.5 | 659.9 | 659.5 | 659.2 | 658.2 | 655.9 | 654.0 | 651.4 | 650.1 |
| 27.5° | 623.4 | 623.4 | 624.0 | 624.4 | 624.0 | 623.4 | 623.4 | 621.8 | 620.5 | 619.2 | 617.9 |
| 30°   | 570.7 | 570.7 | 570.7 | 572.3 | 570.7 | 570.7 | 570.7 | 570.3 | 570.3 | 570.7 | 570.7 |
| 32.5° | 509.8 | 509.1 | 508.5 | 509.1 | 508.5 | 509.1 | 509.8 | 510.1 | 509.8 | 510.8 | 512.4 |
| 35°   | 440.8 | 440.4 | 441.4 | 440.1 | 441.4 | 440.4 | 440.8 | 440.8 | 442.1 | 443.4 | 443.7 |
| 37.5° | 374.7 | 374.0 | 375.3 | 374.0 | 375.3 | 374.0 | 374.7 | 374.4 | 374.0 | 374.7 | 373.7 |
| 40°   | 311.9 | 312.5 | 312.5 | 315.1 | 312.5 | 312.5 | 311.9 | 311.2 | 308.9 | 307.6 | 306.3 |
| 42.5° | 251.6 | 253.6 | 252.9 | 254.9 | 252.9 | 253.6 | 251.6 | 250.3 | 247.7 | 245.4 | 243.5 |
| 45°   | 194.7 | 196.0 | 196.0 | 196.6 | 196.0 | 196.0 | 194.7 | 193.4 | 191.1 | 189.1 | 187.8 |
| 47.5° | 149.4 | 149.4 | 149.4 | 149.7 | 149.4 | 149.4 | 149.4 | 147.1 | 146.5 | 145.2 | 143.6 |
| 50°   | 113.6 | 113.9 | 114.3 | 114.6 | 114.3 | 113.9 | 113.6 | 113.0 | 112.6 | 112.0 | 111.7 |
| 52.5° | 87.2  | 87.6  | 86.9  | 87.6  | 86.9  | 87.6  | 87.2  | 87.6  | 86.6  | 86.6  | 86.3  |
| 55°   | 66.1  | 65.8  | 66.1  | 66.4  | 66.1  | 65.8  | 66.1  | 66.1  | 65.8  | 65.8  | 65.8  |
| 57.5° | 48.5  | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  | 48.5  | 48.2  | 49.2  | 48.5  | 48.8  |
| 60°   | 36.1  | 36.5  | 36.5  | 36.8  | 36.5  | 36.5  | 36.1  | 36.8  | 36.8  | 37.1  | 37.1  |
| 62.5° | 26.7  | 27.7  | 27.0  | 27.7  | 27.0  | 27.7  | 26.7  | 27.0  | 27.0  | 27.3  | 27.7  |
| 65°   | 17.3  | 17.3  | 17.3  | 17.6  | 17.3  | 17.3  | 17.3  | 17.6  | 17.9  | 17.6  | 18.6  |
| 67.5° | 11.7  | 12.0  | 12.7  | 12.4  | 12.7  | 12.0  | 11.7  | 12.0  | 12.0  | 13.0  | 12.7  |
| 70°   | 9.4   | 8.5   | 8.5   | 9.4   | 8.5   | 8.5   | 9.4   | 8.8   | 8.5   | 9.1   | 8.8   |
| 72.5° | 5.5   | 4.9   | 5.5   | 5.5   | 5.5   | 4.9   | 5.5   | 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: P244968

CATALOG NUMBER: LSR8B10D010 EC8B10840 8LBSW0WMH

**CANDELA DISTRIBUTION (continued):**

|       | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 |
| 2.5°  | 673.5 | 672.5 | 672.9 | 670.9 | 670.9 | 670.3 | 670.6 | 669.0 | 668.3 | 667.7 | 668.6 |
| 5°    | 683.3 | 681.7 | 680.4 | 677.4 | 675.8 | 673.9 | 672.9 | 670.3 | 668.0 | 666.0 | 665.7 |
| 7.5°  | 691.1 | 687.5 | 685.2 | 681.3 | 678.4 | 676.1 | 672.9 | 669.3 | 666.4 | 663.8 | 661.8 |
| 10°   | 694.4 | 690.8 | 687.2 | 682.3 | 679.1 | 674.8 | 671.6 | 667.0 | 663.1 | 659.5 | 657.2 |
| 12.5° | 694.7 | 690.1 | 686.9 | 681.3 | 677.1 | 672.5 | 669.0 | 663.8 | 659.2 | 655.6 | 652.0 |
| 15°   | 691.8 | 687.5 | 683.6 | 677.8 | 673.5 | 669.3 | 665.1 | 659.5 | 655.3 | 651.1 | 648.5 |
| 17.5° | 685.2 | 681.3 | 676.8 | 671.2 | 667.3 | 663.4 | 658.9 | 654.3 | 649.4 | 644.9 | 641.6 |
| 20°   | 676.8 | 672.5 | 668.6 | 663.1 | 659.9 | 655.6 | 651.4 | 646.5 | 642.6 | 638.0 | 634.5 |
| 22.5° | 664.1 | 660.2 | 656.6 | 653.3 | 648.1 | 644.9 | 642.0 | 636.4 | 632.5 | 628.3 | 624.4 |
| 25°   | 645.9 | 642.0 | 639.0 | 635.1 | 632.8 | 629.3 | 626.3 | 621.4 | 617.9 | 614.0 | 610.7 |
| 27.5° | 615.9 | 613.6 | 612.0 | 609.7 | 607.8 | 606.1 | 604.5 | 600.6 | 598.0 | 594.4 | 591.2 |
| 30°   | 571.0 | 570.7 | 569.7 | 568.7 | 570.0 | 570.0 | 570.0 | 569.4 | 567.1 | 564.5 | 562.2 |
| 32.5° | 513.4 | 514.0 | 515.3 | 516.3 | 518.9 | 521.8 | 524.4 | 525.7 | 525.7 | 524.1 | 523.1 |
| 35°   | 444.7 | 445.7 | 447.6 | 450.2 | 453.5 | 457.0 | 462.9 | 464.2 | 465.2 | 465.2 | 463.9 |
| 37.5° | 373.4 | 373.1 | 375.0 | 377.3 | 379.3 | 381.8 | 386.1 | 387.1 | 388.7 | 388.0 | 386.7 |
| 40°   | 304.0 | 302.4 | 301.8 | 302.4 | 304.7 | 303.7 | 304.7 | 304.0 | 304.0 | 301.8 | 301.8 |
| 42.5° | 239.9 | 238.0 | 236.7 | 235.7 | 235.7 | 233.4 | 231.8 | 230.2 | 229.2 | 227.5 | 227.2 |
| 45°   | 184.9 | 182.6 | 181.0 | 180.3 | 179.4 | 176.4 | 174.5 | 172.5 | 170.2 | 169.6 | 169.9 |
| 47.5° | 143.6 | 141.3 | 140.6 | 139.0 | 137.4 | 135.7 | 134.4 | 132.2 | 131.8 | 130.5 | 131.8 |
| 50°   | 110.7 | 110.0 | 109.1 | 108.4 | 107.4 | 106.1 | 104.8 | 103.5 | 102.9 | 102.9 | 103.2 |
| 52.5° | 85.9  | 86.3  | 85.3  | 84.3  | 83.7  | 83.7  | 82.0  | 81.7  | 81.7  | 80.4  | 81.7  |
| 55°   | 65.8  | 65.4  | 65.8  | 65.1  | 65.1  | 64.1  | 64.1  | 63.2  | 63.2  | 62.2  | 62.8  |
| 57.5° | 48.2  | 48.8  | 48.2  | 48.5  | 49.2  | 48.2  | 47.8  | 46.9  | 47.5  | 46.9  | 47.2  |
| 60°   | 37.4  | 37.4  | 37.4  | 37.1  | 37.1  | 36.8  | 36.8  | 36.5  | 36.5  | 35.8  | 36.5  |
| 62.5° | 27.7  | 28.0  | 28.0  | 28.0  | 28.3  | 28.0  | 27.7  | 28.0  | 27.7  | 27.7  | 28.0  |
| 65°   | 18.2  | 18.6  | 18.6  | 18.2  | 18.9  | 18.2  | 18.6  | 18.9  | 19.2  | 18.9  | 19.2  |
| 67.5° | 12.4  | 12.4  | 12.7  | 13.0  | 12.7  | 13.0  | 13.3  | 13.0  | 13.3  | 14.0  | 13.3  |
| 70°   | 9.1   | 9.4   | 9.4   | 9.1   | 8.8   | 9.1   | 8.8   | 9.8   | 9.8   | 9.8   | 10.4  |
| 72.5° | 5.9   | 5.9   | 5.5   | 5.5   | 5.5   | 5.5   | 5.5   | 6.5   | 5.9   | 5.5   | 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: P244968

CATALOG NUMBER: LSR8B10D010 EC8B10840 8LBSW0WMH

**CANDELA DISTRIBUTION (continued):**

|       | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 |
| 2.5°  | 666.0 | 666.0 | 665.7 | 665.1 | 663.8 | 663.8 | 663.4 | 662.5 | 661.8 | 661.5 | 661.5 |
| 5°    | 662.8 | 661.5 | 660.2 | 656.6 | 656.6 | 655.9 | 654.0 | 652.7 | 652.0 | 650.4 | 649.8 |
| 7.5°  | 659.9 | 655.9 | 653.7 | 651.4 | 648.5 | 647.2 | 644.9 | 643.9 | 641.6 | 640.0 | 639.0 |
| 10°   | 652.7 | 650.1 | 647.2 | 643.6 | 641.3 | 638.7 | 636.1 | 634.1 | 631.2 | 629.6 | 628.3 |
| 12.5° | 647.8 | 643.9 | 641.3 | 637.4 | 633.5 | 631.2 | 627.6 | 625.4 | 622.4 | 619.2 | 617.2 |
| 15°   | 643.3 | 639.0 | 635.4 | 631.2 | 627.0 | 624.4 | 620.1 | 617.5 | 613.3 | 610.1 | 607.8 |
| 17.5° | 636.4 | 632.8 | 628.9 | 623.7 | 619.8 | 616.6 | 612.0 | 608.8 | 604.8 | 600.6 | 598.3 |
| 20°   | 629.3 | 625.0 | 621.1 | 615.9 | 612.0 | 608.1 | 603.5 | 600.0 | 595.4 | 591.5 | 588.9 |
| 22.5° | 619.8 | 614.9 | 611.7 | 606.5 | 601.9 | 597.7 | 593.4 | 589.2 | 585.0 | 581.7 | 578.8 |
| 25°   | 606.1 | 600.9 | 597.3 | 593.1 | 588.9 | 585.6 | 580.4 | 577.8 | 573.6 | 570.7 | 567.7 |
| 27.5° | 586.6 | 582.7 | 579.4 | 575.2 | 571.6 | 569.0 | 565.1 | 562.5 | 558.9 | 556.3 | 554.1 |
| 30°   | 558.0 | 554.7 | 551.8 | 547.5 | 544.9 | 542.7 | 539.1 | 536.8 | 534.2 | 531.3 | 530.6 |
| 32.5° | 519.6 | 516.9 | 514.0 | 511.1 | 509.1 | 507.8 | 504.9 | 503.6 | 501.0 | 499.4 | 497.7 |
| 35°   | 461.6 | 459.3 | 457.7 | 456.4 | 455.7 | 456.1 | 455.4 | 456.7 | 457.4 | 457.0 | 457.4 |
| 37.5° | 385.8 | 384.4 | 385.1 | 386.1 | 389.3 | 393.6 | 397.5 | 403.3 | 407.2 | 411.2 | 414.7 |
| 40°   | 301.1 | 302.1 | 304.7 | 310.6 | 319.0 | 328.5 | 337.3 | 348.3 | 359.4 | 367.2 | 374.4 |
| 42.5° | 227.2 | 230.2 | 236.7 | 245.1 | 257.8 | 271.8 | 285.5 | 301.8 | 315.1 | 328.1 | 337.3 |
| 45°   | 170.9 | 174.8 | 183.3 | 195.0 | 209.0 | 225.3 | 242.5 | 260.7 | 276.7 | 290.1 | 300.1 |
| 47.5° | 133.1 | 136.7 | 145.2 | 157.6 | 174.8 | 191.7 | 209.6 | 228.5 | 245.1 | 258.1 | 266.9 |
| 50°   | 105.1 | 109.7 | 117.2 | 130.2 | 147.5 | 165.4 | 183.9 | 202.5 | 218.1 | 229.2 | 237.0 |
| 52.5° | 82.7  | 86.9  | 94.1  | 107.8 | 125.3 | 143.2 | 160.5 | 178.7 | 192.4 | 203.1 | 208.3 |
| 55°   | 64.1  | 68.0  | 75.5  | 86.9  | 103.5 | 121.1 | 138.3 | 154.0 | 166.7 | 174.5 | 179.4 |
| 57.5° | 48.8  | 51.8  | 57.0  | 68.4  | 83.3  | 99.6  | 114.3 | 129.9 | 139.7 | 145.2 | 148.4 |
| 60°   | 37.1  | 39.4  | 44.9  | 53.7  | 67.4  | 81.4  | 93.8  | 105.5 | 113.3 | 117.8 | 121.1 |
| 62.5° | 28.0  | 30.6  | 34.5  | 42.0  | 52.4  | 63.8  | 74.2  | 83.0  | 89.5  | 92.5  | 94.7  |
| 65°   | 19.2  | 21.2  | 24.1  | 29.9  | 38.7  | 46.9  | 55.0  | 61.5  | 65.8  | 69.0  | 70.3  |
| 67.5° | 14.3  | 15.6  | 17.3  | 21.8  | 28.0  | 34.5  | 40.0  | 44.6  | 49.2  | 50.5  | 52.7  |
| 70°   | 10.7  | 11.7  | 13.3  | 16.6  | 20.2  | 24.7  | 29.3  | 31.9  | 35.2  | 37.4  | 38.1  |
| 72.5° | 6.8   | 7.2   | 8.8   | 10.7  | 13.7  | 16.6  | 19.5  | 21.8  | 23.8  | 25.1  | 25.7  |
| 75°   | 3.9   | 5.9   | 5.9   | 7.8   | 9.8   | 11.1  | 13.0  | 14.6  | 15.6  | 16.6  | 16.6  |
| 77.5° | 2.6   | 3.6   | 3.9   | 4.9   | 5.9   | 7.5   | 9.1   | 10.1  | 11.1  | 11.4  | 11.4  |
| 80°   | 2.3   | 2.6   | 2.6   | 3.6   | 4.2   | 5.5   | 6.5   | 6.8   | 7.5   | 7.8   | 8.5   |
| 82.5° | 1.0   | 1.3   | 1.6   | 2.6   | 2.9   | 2.9   | 3.9   | 4.2   | 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: P244968

CATALOG NUMBER: LSR8B10D010 EC8B10840 8LBSW0WMH

**CANDELA DISTRIBUTION (continued):**

|       | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 | 666.7 |
| 2.5°  | 660.8 | 661.2 | 659.9 | 659.5 | 658.9 | 659.2 | 659.9 |
| 5°    | 648.8 | 649.1 | 647.8 | 646.5 | 646.5 | 646.2 | 646.5 |
| 7.5°  | 637.4 | 637.7 | 635.8 | 635.1 | 633.8 | 634.1 | 634.1 |
| 10°   | 626.0 | 626.0 | 623.1 | 622.7 | 621.8 | 621.4 | 621.4 |
| 12.5° | 614.9 | 614.0 | 611.7 | 610.4 | 611.0 | 609.1 | 609.1 |
| 15°   | 605.2 | 603.5 | 600.6 | 599.6 | 598.0 | 597.3 | 597.3 |
| 17.5° | 595.1 | 593.8 | 591.2 | 589.2 | 587.3 | 586.9 | 587.3 |
| 20°   | 585.3 | 584.0 | 580.7 | 579.4 | 577.8 | 577.8 | 577.2 |
| 22.5° | 575.5 | 574.2 | 571.3 | 570.3 | 568.1 | 568.1 | 568.4 |
| 25°   | 565.4 | 564.5 | 561.2 | 560.6 | 560.2 | 558.9 | 559.6 |
| 27.5° | 551.8 | 551.1 | 548.5 | 547.5 | 546.2 | 545.9 | 546.6 |
| 30°   | 526.7 | 525.7 | 523.8 | 522.8 | 520.5 | 520.9 | 521.5 |
| 32.5° | 495.5 | 494.2 | 491.5 | 490.6 | 488.6 | 488.0 | 488.3 |
| 35°   | 456.4 | 455.4 | 453.1 | 453.1 | 451.2 | 450.5 | 451.2 |
| 37.5° | 416.7 | 417.7 | 416.7 | 417.7 | 416.7 | 416.4 | 416.7 |
| 40°   | 379.3 | 382.8 | 383.5 | 387.1 | 385.8 | 387.7 | 387.4 |
| 42.5° | 343.4 | 349.3 | 351.6 | 354.5 | 353.9 | 355.2 | 356.1 |
| 45°   | 307.3 | 312.2 | 314.5 | 316.4 | 316.7 | 317.4 | 317.7 |
| 47.5° | 273.1 | 277.0 | 277.3 | 279.6 | 279.3 | 279.3 | 280.3 |
| 50°   | 241.2 | 243.8 | 244.5 | 246.1 | 244.8 | 244.1 | 244.5 |
| 52.5° | 211.6 | 214.2 | 213.5 | 214.2 | 212.6 | 211.9 | 212.2 |
| 55°   | 181.3 | 182.6 | 182.6 | 182.6 | 180.7 | 180.7 | 180.7 |
| 57.5° | 150.4 | 150.7 | 150.1 | 150.4 | 150.1 | 148.1 | 147.8 |
| 60°   | 122.1 | 122.1 | 121.7 | 122.1 | 121.1 | 120.1 | 120.1 |
| 62.5° | 95.4  | 96.0  | 97.3  | 96.0  | 95.4  | 96.0  | 95.1  |
| 65°   | 71.3  | 72.6  | 72.3  | 72.9  | 72.6  | 72.6  | 71.9  |
| 67.5° | 53.7  | 54.0  | 54.4  | 54.7  | 54.7  | 54.7  | 54.7  |
| 70°   | 39.4  | 40.4  | 40.0  | 40.0  | 40.0  | 40.0  | 42.0  |
| 72.5° | 26.4  | 27.7  | 27.3  | 28.0  | 28.0  | 28.6  | 28.0  |
| 75°   | 17.9  | 19.2  | 18.6  | 19.5  | 19.2  | 18.6  | 20.2  |
| 77.5° | 12.0  | 12.7  | 13.0  | 13.3  | 13.0  | 12.7  | 13.0  |
| 80°   | 8.5   | 9.1   | 8.8   | 9.1   | 9.1   | 9.1   | 9.4   |
| 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   | 4.2   |
| 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)