

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: P245898

Luminaire Tested: **LD8B10D010 ER8B10835 8LBSW0B**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P245898  
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 8LBSW0B  
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF  
RECESSED DOWNLIGHT  
80 CRI 3500 CCT WITH SPECULAR BLACK TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 871.0 lumens  
Efficiency: N/A  
Efficacy: 85.4 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

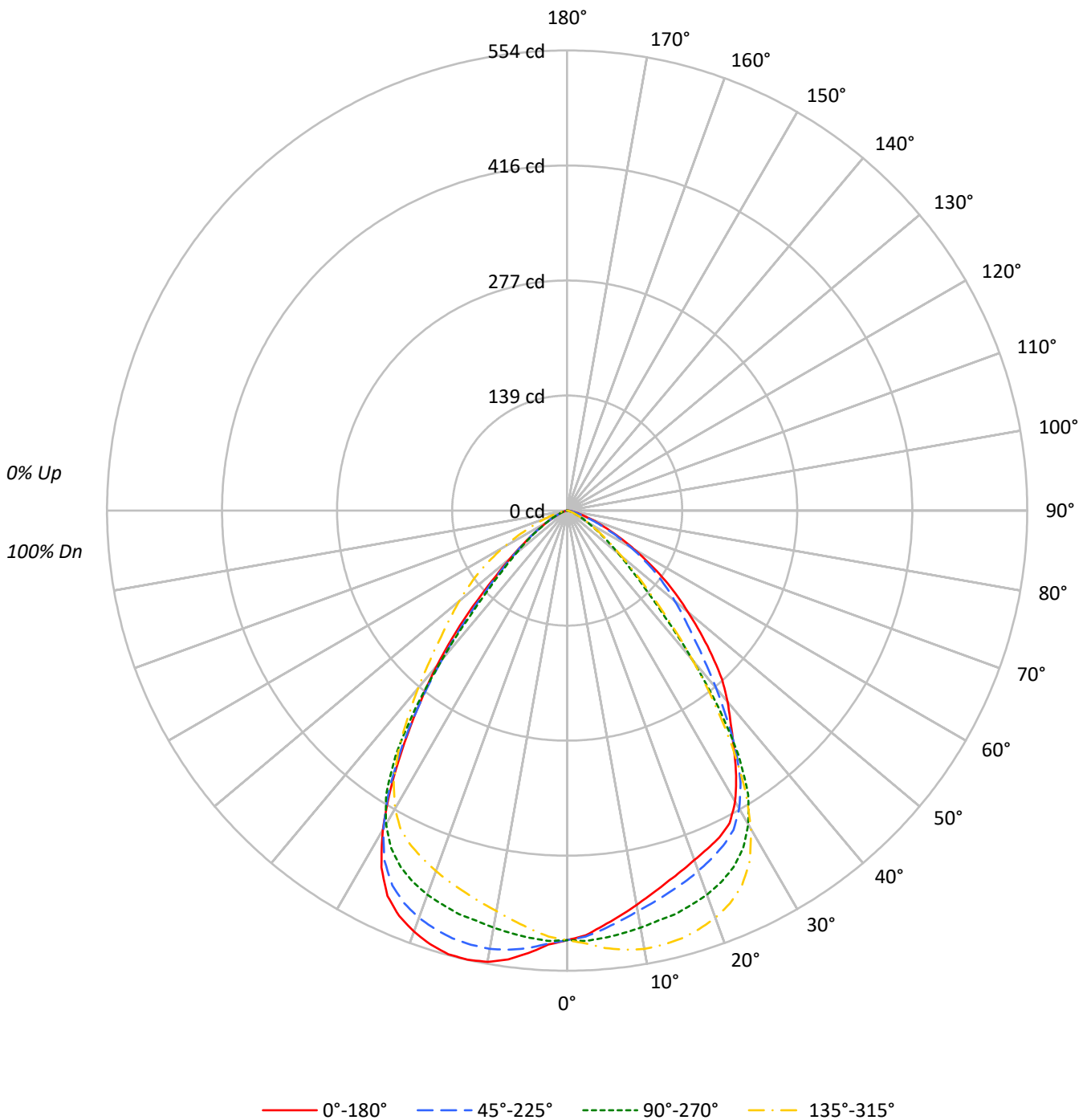
Input Watts (W): 10.2  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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  | 50  | 30 | 10 | 50 | 30 | 10  | 0 |  |   |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |     |   |  |   |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |    |    |    |    | 100 |   |  |   |
| 1   | 112 | 109 | 106 | 103 | 109 | 106 | 104 | 101 | 102 | 100 | 98  | 99  | 97  | 95  | 95  | 94  | 92  | 90  |    |    |    |    | 90  |   |  |   |
| 2   | 105 | 99  | 94  | 89  | 102 | 97  | 92  | 88  | 93  | 90  | 86  | 90  | 87  | 84  | 87  | 85  | 83  | 81  |    |    |    |    | 81  |   |  |   |
| 3   | 98  | 90  | 83  | 78  | 95  | 88  | 82  | 78  | 85  | 80  | 76  | 83  | 79  | 75  | 80  | 77  | 74  | 72  |    |    |    |    | 72  |   |  |   |
| 4   | 91  | 82  | 75  | 70  | 89  | 80  | 74  | 69  | 78  | 73  | 68  | 76  | 71  | 67  | 74  | 70  | 67  | 65  |    |    |    |    | 65  |   |  |   |
| 5   | 85  | 75  | 68  | 62  | 83  | 74  | 67  | 62  | 72  | 66  | 61  | 70  | 65  | 61  | 68  | 64  | 60  | 58  |    |    |    |    | 58  |   |  |   |
| 6   | 80  | 69  | 61  | 56  | 78  | 68  | 61  | 56  | 66  | 60  | 55  | 65  | 59  | 55  | 63  | 58  | 55  | 53  |    |    |    |    | 53  |   |  |   |
| 7   | 75  | 63  | 56  | 51  | 73  | 63  | 56  | 51  | 61  | 55  | 50  | 60  | 54  | 50  | 59  | 54  | 50  | 48  |    |    |    |    | 48  |   |  |   |
| 8   | 70  | 59  | 51  | 46  | 69  | 58  | 51  | 46  | 57  | 50  | 46  | 56  | 50  | 46  | 55  | 49  | 46  | 44  |    |    |    |    | 44  |   |  |   |
| 9   | 66  | 54  | 47  | 42  | 65  | 54  | 47  | 42  | 53  | 47  | 42  | 52  | 46  | 42  | 51  | 46  | 42  | 40  |    |    |    |    | 40  |   |  |   |
| 10  | 62  | 51  | 44  | 39  | 61  | 50  | 44  | 39  | 49  | 43  | 39  | 48  | 43  | 39  | 48  | 42  | 39  | 37  |    |    |    |    | 37  |   |  |   |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 15945 | 15945 | 15945 | 15945 |
| 5°  | 15520 | 15982 | 16554 | 15982 |
| 10° | 15092 | 15963 | 17275 | 15963 |
| 15° | 14790 | 16058 | 17651 | 16058 |
| 20° | 14691 | 16148 | 17697 | 16148 |
| 25° | 14766 | 16117 | 17414 | 16117 |
| 30° | 14403 | 15525 | 15806 | 15525 |
| 35° | 13172 | 13544 | 12852 | 13544 |
| 40° | 12096 | 9419  | 9838  | 9419  |
| 45° | 10745 | 5748  | 6650  | 5748  |
| 50° | 9096  | 3838  | 4265  | 3838  |
| 55° | 7532  | 2618  | 2769  | 2618  |
| 60° | 5748  | 1745  | 1758  | 1745  |
| 65° | 4071  | 1087  | 992   | 1087  |
| 70° | 2939  | 730   | 658   | 730   |
| 75° | 1871  | 357   | 298   | 357   |
| 80° | 1296  | 266   | 231   | 266   |
| 85° | 1168  | 0     | 71    | 0     |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 49.2   | 5.7       |
| 10°-20°   | 142.5  | 16.4      |
| 20°-30°   | 215.8  | 24.8      |
| 30°-40°   | 216.3  | 24.8      |
| 40°-50°   | 135.8  | 15.6      |
| 50°-60°   | 72.4   | 8.3       |
| 60°-70°   | 29.8   | 3.4       |
| 70°-80°   | 7.9    | 0.9       |
| 80°-90°   | 1.3    | 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°    | 407.5  | 46.8      |
| 0°-40°    | 623.8  | 71.6      |
| 0°-60°    | 832.0  | 95.5      |
| 0°-90°    | 871.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 871.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | 90° | 180° | 270° | 360° | Flux |
|-----|-----|-----|------|------|------|------|
| 0°  | 517 | 517 | 517  | 517  | 517  |      |
| 5°  | 501 | 516 | 535  | 516  | 501  | 47   |
| 15° | 463 | 503 | 553  | 503  | 463  | 131  |
| 25° | 434 | 474 | 512  | 474  | 434  | 199  |
| 35° | 350 | 360 | 341  | 360  | 350  | 219  |
| 45° | 246 | 132 | 152  | 132  | 246  | 190  |
| 55° | 140 | 49  | 52   | 49   | 140  | 125  |
| 65° | 56  | 15  | 14   | 15   | 56   | 58   |
| 75° | 16  | 3   | 2    | 3    | 16   | 18   |
| 85° | 3   | 0   | 0    | 0    | 3    | 4    |
| 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°    | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 |
| 2.5°  | 511.8 | 511.3 | 511.0 | 511.5 | 511.8 | 512.8 | 512.5 | 513.0 | 513.0 | 513.3 | 513.8 |
| 5°    | 501.4 | 501.2 | 501.4 | 501.4 | 502.4 | 503.5 | 503.2 | 504.0 | 504.5 | 505.7 | 506.2 |
| 7.5°  | 491.8 | 491.8 | 491.6 | 492.6 | 493.1 | 494.6 | 494.4 | 495.6 | 496.4 | 497.6 | 499.4 |
| 10°   | 482.0 | 482.0 | 482.2 | 483.0 | 483.3 | 485.5 | 485.5 | 487.3 | 488.3 | 489.6 | 491.8 |
| 12.5° | 472.4 | 472.4 | 473.9 | 473.4 | 474.4 | 476.2 | 476.9 | 478.7 | 480.2 | 482.7 | 485.0 |
| 15°   | 463.3 | 463.3 | 463.8 | 465.1 | 465.8 | 468.1 | 469.4 | 471.4 | 473.2 | 475.7 | 479.0 |
| 17.5° | 455.5 | 455.2 | 455.5 | 457.0 | 458.5 | 460.5 | 461.5 | 464.1 | 465.8 | 469.1 | 472.1 |
| 20°   | 447.7 | 448.2 | 448.2 | 449.4 | 450.4 | 453.0 | 454.0 | 456.7 | 458.8 | 461.8 | 465.3 |
| 22.5° | 440.8 | 440.6 | 440.6 | 442.4 | 443.1 | 445.4 | 446.4 | 448.9 | 451.2 | 453.7 | 457.0 |
| 25°   | 434.0 | 433.5 | 434.5 | 434.8 | 435.3 | 437.8 | 438.6 | 440.3 | 442.6 | 444.9 | 448.2 |
| 27.5° | 423.9 | 423.4 | 423.7 | 424.7 | 425.4 | 427.5 | 428.0 | 429.7 | 431.5 | 433.5 | 436.3 |
| 30°   | 404.5 | 404.0 | 403.7 | 405.5 | 406.2 | 407.8 | 408.5 | 411.6 | 412.0 | 414.3 | 416.3 |
| 32.5° | 378.7 | 378.5 | 379.0 | 380.5 | 381.2 | 383.3 | 384.3 | 386.0 | 387.3 | 388.6 | 390.6 |
| 35°   | 349.9 | 349.4 | 349.9 | 351.5 | 351.5 | 353.2 | 354.0 | 354.7 | 354.5 | 354.7 | 354.2 |
| 37.5° | 323.2 | 322.9 | 323.2 | 323.9 | 323.2 | 323.9 | 323.2 | 321.7 | 318.9 | 315.9 | 312.8 |
| 40°   | 300.5 | 300.7 | 299.2 | 300.2 | 297.4 | 296.9 | 294.1 | 290.4 | 284.8 | 278.7 | 270.2 |
| 42.5° | 276.2 | 275.5 | 274.5 | 275.0 | 272.7 | 270.9 | 266.4 | 261.6 | 254.5 | 244.4 | 234.0 |
| 45°   | 246.4 | 246.2 | 245.7 | 245.4 | 243.9 | 242.1 | 238.3 | 232.8 | 225.0 | 214.6 | 202.2 |
| 47.5° | 217.4 | 216.6 | 216.6 | 216.9 | 215.1 | 214.9 | 211.8 | 207.0 | 200.2 | 190.1 | 177.2 |
| 50°   | 189.6 | 189.4 | 189.9 | 190.9 | 189.6 | 189.1 | 187.1 | 183.8 | 177.8 | 169.2 | 157.0 |
| 52.5° | 164.6 | 164.4 | 164.9 | 166.1 | 165.6 | 166.1 | 164.1 | 161.6 | 157.5 | 149.2 | 138.6 |
| 55°   | 140.1 | 140.1 | 140.1 | 141.6 | 141.6 | 141.6 | 140.6 | 139.1 | 135.3 | 129.3 | 119.4 |
| 57.5° | 114.6 | 114.9 | 116.4 | 116.6 | 116.4 | 116.9 | 116.6 | 115.1 | 112.6 | 108.3 | 100.7 |
| 60°   | 93.2  | 93.2  | 93.9  | 94.7  | 94.4  | 94.7  | 94.7  | 93.9  | 91.4  | 87.9  | 81.8  |
| 62.5° | 73.7  | 74.5  | 74.0  | 74.5  | 75.5  | 74.5  | 74.0  | 73.5  | 71.7  | 69.4  | 64.4  |
| 65°   | 55.8  | 56.3  | 56.3  | 56.6  | 56.0  | 56.3  | 55.3  | 54.5  | 53.5  | 51.0  | 47.7  |
| 67.5° | 42.4  | 42.4  | 42.4  | 42.4  | 42.2  | 41.9  | 41.7  | 40.9  | 39.1  | 38.1  | 34.6  |
| 70°   | 32.6  | 31.1  | 31.1  | 31.1  | 31.1  | 31.3  | 30.6  | 29.5  | 29.0  | 27.3  | 24.7  |
| 72.5° | 21.7  | 22.2  | 21.7  | 21.7  | 21.2  | 21.5  | 20.5  | 19.9  | 19.4  | 18.4  | 16.9  |
| 75°   | 15.7  | 14.4  | 14.9  | 15.2  | 14.4  | 14.9  | 13.9  | 12.9  | 12.9  | 12.1  | 11.4  |
| 77.5° | 10.1  | 9.9   | 10.1  | 10.4  | 10.1  | 9.9   | 9.3   | 8.8   | 8.8   | 8.6   | 7.8   |
| 80°   | 7.3   | 7.1   | 7.1   | 7.1   | 6.8   | 7.1   | 6.6   | 6.6   | 6.1   | 5.8   | 5.3   |
| 82.5° | 4.8   | 4.8   | 4.5   | 4.8   | 4.5   | 4.8   | 4.0   | 4.0   | 4.0   | 3.8   | 3.3   |
| 85°   | 3.3   | 2.8   | 2.8   | 3.0   | 2.5   | 3.0   | 2.8   | 2.5   | 2.3   | 2.3   | 2.0   |
| 87.5° | 1.5   | 1.8   | 1.5   | 1.8   | 1.5   | 1.5   | 1.8   | 1.5   | 1.5   | 1.0   | 1.0   |
| 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°    | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 |
| 2.5°  | 514.6 | 514.8 | 514.8 | 515.8 | 516.3 | 516.6 | 516.6 | 518.6 | 517.8 | 518.4 | 518.9 |
| 5°    | 507.2 | 508.8 | 509.3 | 509.3 | 512.0 | 513.0 | 514.1 | 516.3 | 516.6 | 518.1 | 519.9 |
| 7.5°  | 500.2 | 501.9 | 503.0 | 505.2 | 507.0 | 508.8 | 511.8 | 513.3 | 514.8 | 516.8 | 519.1 |
| 10°   | 493.3 | 495.4 | 497.4 | 499.2 | 501.9 | 504.2 | 506.2 | 509.8 | 511.5 | 514.3 | 517.3 |
| 12.5° | 486.8 | 489.6 | 491.3 | 494.4 | 497.4 | 499.4 | 502.4 | 505.7 | 508.5 | 511.3 | 514.8 |
| 15°   | 481.0 | 484.3 | 486.3 | 489.6 | 492.9 | 495.6 | 498.9 | 503.0 | 505.0 | 508.3 | 511.5 |
| 17.5° | 474.7 | 478.2 | 480.7 | 483.8 | 487.8 | 490.8 | 493.6 | 497.6 | 500.2 | 503.7 | 507.5 |
| 20°   | 468.1 | 471.6 | 474.7 | 477.7 | 481.7 | 484.8 | 488.0 | 492.1 | 494.9 | 498.4 | 501.4 |
| 22.5° | 460.3 | 463.6 | 466.8 | 470.4 | 474.4 | 476.9 | 480.7 | 484.3 | 487.3 | 490.6 | 493.6 |
| 25°   | 450.2 | 454.2 | 456.7 | 460.0 | 463.3 | 466.1 | 470.1 | 473.7 | 476.2 | 479.2 | 482.0 |
| 27.5° | 438.3 | 441.3 | 443.4 | 446.1 | 449.4 | 451.9 | 455.0 | 458.5 | 461.0 | 463.8 | 465.8 |
| 30°   | 418.1 | 420.9 | 422.7 | 424.7 | 428.0 | 430.2 | 432.8 | 436.0 | 437.8 | 439.8 | 441.6 |
| 32.5° | 391.6 | 393.9 | 394.9 | 396.4 | 398.7 | 400.9 | 403.0 | 405.7 | 406.5 | 407.8 | 407.8 |
| 35°   | 353.2 | 353.7 | 353.5 | 354.0 | 355.0 | 356.3 | 358.0 | 359.8 | 360.8 | 360.8 | 360.0 |
| 37.5° | 308.3 | 305.3 | 302.0 | 299.4 | 298.7 | 298.2 | 299.2 | 299.9 | 301.0 | 301.5 | 300.2 |
| 40°   | 261.6 | 254.8 | 247.4 | 240.9 | 236.3 | 234.3 | 233.5 | 234.0 | 234.0 | 235.8 | 235.8 |
| 42.5° | 221.4 | 210.8 | 200.0 | 190.1 | 183.6 | 178.5 | 176.2 | 176.2 | 176.5 | 177.8 | 178.5 |
| 45°   | 188.1 | 174.7 | 162.1 | 151.2 | 142.1 | 135.6 | 132.6 | 131.8 | 131.5 | 132.0 | 133.8 |
| 47.5° | 162.6 | 148.7 | 135.6 | 122.2 | 112.6 | 106.0 | 103.3 | 102.3 | 101.2 | 102.3 | 102.5 |
| 50°   | 142.7 | 128.3 | 114.4 | 101.0 | 90.9  | 85.1  | 81.5  | 80.0  | 79.8  | 79.8  | 80.3  |
| 52.5° | 124.5 | 111.1 | 97.2  | 83.6  | 73.0  | 67.4  | 64.1  | 63.4  | 62.4  | 63.4  | 63.4  |
| 55°   | 107.3 | 93.9  | 80.3  | 67.4  | 58.6  | 52.8  | 49.7  | 48.7  | 48.2  | 49.0  | 49.0  |
| 57.5° | 88.6  | 77.3  | 64.6  | 53.0  | 44.2  | 40.1  | 37.9  | 36.6  | 36.4  | 36.9  | 36.4  |
| 60°   | 72.7  | 63.1  | 52.3  | 41.7  | 34.8  | 30.6  | 28.8  | 28.3  | 27.8  | 28.3  | 28.3  |
| 62.5° | 57.6  | 49.5  | 40.6  | 32.6  | 26.8  | 23.7  | 21.7  | 21.7  | 21.5  | 21.5  | 21.7  |
| 65°   | 42.7  | 36.4  | 30.0  | 23.2  | 18.7  | 16.4  | 14.9  | 14.9  | 14.6  | 14.9  | 14.6  |
| 67.5° | 31.1  | 26.8  | 21.7  | 16.9  | 13.4  | 12.1  | 11.1  | 10.4  | 10.9  | 10.4  | 10.1  |
| 70°   | 22.7  | 19.2  | 15.7  | 12.9  | 10.4  | 9.1   | 8.3   | 8.1   | 7.6   | 7.6   | 7.6   |
| 72.5° | 15.2  | 12.9  | 10.6  | 8.3   | 6.8   | 5.5   | 5.3   | 4.8   | 4.3   | 4.5   | 5.1   |
| 75°   | 10.1  | 8.6   | 7.6   | 6.1   | 4.5   | 4.5   | 3.0   | 3.0   | 2.5   | 3.0   | 2.3   |
| 77.5° | 7.1   | 5.8   | 4.5   | 3.8   | 3.0   | 2.8   | 2.0   | 2.0   | 1.8   | 1.8   | 1.8   |
| 80°   | 5.1   | 4.3   | 3.3   | 2.8   | 2.0   | 2.0   | 1.8   | 1.5   | 1.3   | 1.3   | 1.5   |
| 82.5° | 3.0   | 2.3   | 2.3   | 2.0   | 1.3   | 1.0   | 0.8   | 1.0   | 0.5   | 0.5   | 0.5   |
| 85°   | 1.8   | 1.5   | 1.3   | 0.8   | 0.5   | 0.5   | 0.2   | 0.0   | 0.2   | 0.2   | 0.0   |
| 87.5° | 1.0   | 0.5   | 0.5   | 0.2   | 0.0   | 0.2   | 0.2   | 0.0   | 0.0   | 0.0   | 0.5   |
| 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°    | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 |
| 2.5°  | 520.1 | 519.9 | 520.4 | 520.4 | 521.9 | 521.6 | 522.4 | 522.4 | 521.9 | 522.1 | 523.1 |
| 5°    | 521.9 | 522.6 | 524.2 | 525.4 | 527.7 | 528.7 | 530.0 | 531.2 | 531.5 | 532.2 | 533.0 |
| 7.5°  | 521.9 | 524.4 | 526.2 | 528.4 | 531.5 | 533.2 | 536.0 | 538.3 | 539.3 | 540.6 | 542.1 |
| 10°   | 520.9 | 523.4 | 526.7 | 529.2 | 533.0 | 535.8 | 538.5 | 542.1 | 543.6 | 545.6 | 547.6 |
| 12.5° | 518.9 | 521.6 | 525.2 | 528.4 | 532.7 | 535.3 | 538.8 | 542.1 | 544.4 | 547.1 | 549.4 |
| 15°   | 515.8 | 519.1 | 522.4 | 525.7 | 530.2 | 533.2 | 536.5 | 540.3 | 542.6 | 545.6 | 547.6 |
| 17.5° | 511.0 | 514.6 | 517.6 | 520.6 | 524.9 | 528.4 | 531.5 | 535.0 | 537.3 | 539.8 | 542.6 |
| 20°   | 505.2 | 508.5 | 511.8 | 514.3 | 518.6 | 521.6 | 524.9 | 528.2 | 530.0 | 530.5 | 534.8 |
| 22.5° | 497.9 | 500.2 | 502.7 | 506.7 | 509.3 | 512.0 | 515.1 | 518.1 | 519.9 | 522.6 | 524.2 |
| 25°   | 485.8 | 488.0 | 490.8 | 492.6 | 495.6 | 497.9 | 500.9 | 504.2 | 505.2 | 507.2 | 508.8 |
| 27.5° | 468.9 | 470.1 | 471.4 | 472.9 | 474.7 | 475.9 | 477.7 | 479.2 | 480.2 | 481.2 | 482.2 |
| 30°   | 442.1 | 442.1 | 442.1 | 441.1 | 441.8 | 442.6 | 442.9 | 442.6 | 442.6 | 442.4 | 442.4 |
| 32.5° | 406.7 | 404.7 | 402.5 | 400.4 | 399.7 | 398.7 | 398.2 | 397.4 | 396.1 | 395.4 | 395.6 |
| 35°   | 359.0 | 354.5 | 351.7 | 349.2 | 347.2 | 345.7 | 344.9 | 344.1 | 343.9 | 342.9 | 341.9 |
| 37.5° | 299.4 | 296.2 | 294.1 | 292.6 | 290.9 | 289.3 | 289.6 | 289.9 | 290.6 | 290.1 | 290.4 |
| 40°   | 236.3 | 235.6 | 236.3 | 234.6 | 234.0 | 234.6 | 235.8 | 237.6 | 238.6 | 239.6 | 241.4 |
| 42.5° | 179.8 | 181.0 | 182.8 | 182.8 | 183.6 | 184.6 | 186.1 | 188.9 | 190.4 | 192.1 | 194.2 |
| 45°   | 135.3 | 136.8 | 139.1 | 139.9 | 140.4 | 141.6 | 143.4 | 145.7 | 146.7 | 148.2 | 150.0 |
| 47.5° | 104.3 | 105.3 | 106.5 | 107.8 | 109.1 | 109.6 | 111.3 | 111.3 | 112.6 | 113.6 | 114.1 |
| 50°   | 81.3  | 82.3  | 83.3  | 84.1  | 84.6  | 85.3  | 85.8  | 86.6  | 86.8  | 87.4  | 87.6  |
| 52.5° | 63.6  | 64.9  | 64.9  | 65.4  | 66.1  | 66.9  | 66.7  | 66.9  | 67.2  | 67.2  | 67.9  |
| 55°   | 49.7  | 49.7  | 50.5  | 50.5  | 51.0  | 50.7  | 51.0  | 51.0  | 51.0  | 51.0  | 51.3  |
| 57.5° | 37.1  | 37.4  | 38.1  | 37.6  | 37.4  | 37.9  | 37.4  | 37.9  | 37.6  | 38.1  | 37.4  |
| 60°   | 28.5  | 28.5  | 28.8  | 28.8  | 29.0  | 29.0  | 29.0  | 28.8  | 28.8  | 28.5  | 28.5  |
| 62.5° | 21.5  | 21.7  | 22.0  | 21.7  | 21.7  | 21.7  | 21.5  | 21.5  | 21.2  | 21.0  | 21.0  |
| 65°   | 14.4  | 14.1  | 14.6  | 14.1  | 14.4  | 14.4  | 14.1  | 14.4  | 13.6  | 13.9  | 13.6  |
| 67.5° | 10.4  | 10.1  | 9.9   | 10.1  | 9.9   | 9.6   | 9.6   | 9.9   | 10.1  | 9.3   | 9.3   |
| 70°   | 6.8   | 7.1   | 6.8   | 7.1   | 7.3   | 7.3   | 7.1   | 6.8   | 7.1   | 6.6   | 6.8   |
| 72.5° | 4.3   | 4.3   | 4.3   | 4.3   | 4.3   | 4.5   | 4.5   | 4.5   | 4.0   | 4.0   | 3.8   |
| 75°   | 2.0   | 2.8   | 2.3   | 2.0   | 2.8   | 2.8   | 2.5   | 2.5   | 2.3   | 2.3   | 2.3   |
| 77.5° | 2.0   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 1.3   | 1.5   | 1.3   |
| 80°   | 1.0   | 1.0   | 1.0   | 0.8   | 1.0   | 1.0   | 1.3   | 1.0   | 1.0   | 0.8   | 1.3   |
| 82.5° | 0.5   | 0.5   | 0.5   | 0.0   | 0.2   | 0.5   | 0.5   | 0.2   | 0.5   | 0.5   | 0.2   |
| 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: P245898

CATALOG NUMBER: LD8B10D010 ER8B10835 8LBSW0B

**CANDELA DISTRIBUTION (continued):**

|       | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 |
| 2.5°  | 522.9 | 522.6 | 522.9 | 523.1 | 522.9 | 522.6 | 522.9 | 523.1 | 522.1 | 521.9 | 522.4 |
| 5°    | 534.0 | 534.0 | 534.5 | 534.8 | 534.5 | 534.0 | 534.0 | 533.0 | 532.2 | 531.5 | 531.2 |
| 7.5°  | 543.6 | 544.1 | 544.6 | 544.9 | 544.6 | 544.1 | 543.6 | 542.1 | 540.6 | 539.3 | 538.3 |
| 10°   | 549.4 | 550.2 | 551.2 | 551.7 | 551.2 | 550.2 | 549.4 | 547.6 | 545.6 | 543.6 | 542.1 |
| 12.5° | 551.9 | 552.7 | 553.9 | 553.7 | 553.9 | 552.7 | 551.9 | 549.4 | 547.1 | 544.4 | 542.1 |
| 15°   | 550.2 | 551.2 | 552.4 | 552.9 | 552.4 | 551.2 | 550.2 | 547.6 | 545.6 | 542.6 | 540.3 |
| 17.5° | 544.6 | 546.1 | 546.9 | 547.6 | 546.9 | 546.1 | 544.6 | 542.6 | 539.8 | 537.3 | 535.0 |
| 20°   | 537.0 | 538.0 | 539.1 | 539.3 | 539.1 | 538.0 | 537.0 | 534.8 | 530.5 | 530.0 | 528.2 |
| 22.5° | 526.2 | 526.9 | 529.2 | 528.4 | 529.2 | 526.9 | 526.2 | 524.2 | 522.6 | 519.9 | 518.1 |
| 25°   | 510.5 | 511.3 | 511.5 | 511.8 | 511.5 | 511.3 | 510.5 | 508.8 | 507.2 | 505.2 | 504.2 |
| 27.5° | 483.5 | 483.5 | 484.0 | 484.3 | 484.0 | 483.5 | 483.5 | 482.2 | 481.2 | 480.2 | 479.2 |
| 30°   | 442.6 | 442.6 | 442.6 | 443.9 | 442.6 | 442.6 | 442.6 | 442.4 | 442.4 | 442.6 | 442.6 |
| 32.5° | 395.4 | 394.9 | 394.4 | 394.9 | 394.4 | 394.9 | 395.4 | 395.6 | 395.4 | 396.1 | 397.4 |
| 35°   | 341.9 | 341.6 | 342.4 | 341.4 | 342.4 | 341.6 | 341.9 | 341.9 | 342.9 | 343.9 | 344.1 |
| 37.5° | 290.6 | 290.1 | 291.1 | 290.1 | 291.1 | 290.1 | 290.6 | 290.4 | 290.1 | 290.6 | 289.9 |
| 40°   | 241.9 | 242.4 | 242.4 | 244.4 | 242.4 | 242.4 | 241.9 | 241.4 | 239.6 | 238.6 | 237.6 |
| 42.5° | 195.2 | 196.7 | 196.2 | 197.7 | 196.2 | 196.7 | 195.2 | 194.2 | 192.1 | 190.4 | 188.9 |
| 45°   | 151.0 | 152.0 | 152.0 | 152.5 | 152.0 | 152.0 | 151.0 | 150.0 | 148.2 | 146.7 | 145.7 |
| 47.5° | 115.9 | 115.9 | 115.9 | 116.1 | 115.9 | 115.9 | 115.9 | 114.1 | 113.6 | 112.6 | 111.3 |
| 50°   | 88.1  | 88.4  | 88.6  | 88.9  | 88.6  | 88.4  | 88.1  | 87.6  | 87.4  | 86.8  | 86.6  |
| 52.5° | 67.7  | 67.9  | 67.4  | 67.9  | 67.4  | 67.9  | 67.7  | 67.9  | 67.2  | 67.2  | 66.9  |
| 55°   | 51.3  | 51.0  | 51.3  | 51.5  | 51.3  | 51.0  | 51.3  | 51.3  | 51.0  | 51.0  | 51.0  |
| 57.5° | 37.6  | 37.1  | 37.1  | 37.1  | 37.1  | 37.1  | 37.6  | 37.4  | 38.1  | 37.6  | 37.9  |
| 60°   | 28.0  | 28.3  | 28.3  | 28.5  | 28.3  | 28.3  | 28.0  | 28.5  | 28.5  | 28.8  | 28.8  |
| 62.5° | 20.7  | 21.5  | 21.0  | 21.5  | 21.0  | 21.5  | 20.7  | 21.0  | 21.0  | 21.2  | 21.5  |
| 65°   | 13.4  | 13.4  | 13.4  | 13.6  | 13.4  | 13.4  | 13.4  | 13.6  | 13.9  | 13.6  | 14.4  |
| 67.5° | 9.1   | 9.3   | 9.9   | 9.6   | 9.9   | 9.3   | 9.1   | 9.3   | 9.3   | 10.1  | 9.9   |
| 70°   | 7.3   | 6.6   | 6.6   | 7.3   | 6.6   | 6.6   | 7.3   | 6.8   | 6.6   | 7.1   | 6.8   |
| 72.5° | 4.3   | 3.8   | 4.3   | 4.3   | 4.3   | 3.8   | 4.3   | 3.8   | 4.0   | 4.0   | 4.5   |
| 75°   | 2.3   | 2.0   | 1.8   | 2.5   | 1.8   | 2.0   | 2.3   | 2.3   | 2.3   | 2.3   | 2.5   |
| 77.5° | 1.5   | 1.3   | 1.8   | 1.8   | 1.8   | 1.3   | 1.5   | 1.3   | 1.5   | 1.3   | 1.5   |
| 80°   | 0.8   | 1.0   | 0.8   | 1.3   | 0.8   | 1.0   | 0.8   | 1.3   | 0.8   | 1.0   | 1.0   |
| 82.5° | 0.2   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.2   | 0.2   | 0.5   | 0.5   | 0.2   |
| 85°   | 0.0   | 0.5   | 0.2   | 0.2   | 0.2   | 0.5   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 87.5° | 0.2   | 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.2   | 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: P245898

CATALOG NUMBER: LD8B10D010 ER8B10835 8LBSW0B

**CANDELA DISTRIBUTION (continued):**

|       | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 |
| 2.5°  | 522.4 | 521.6 | 521.9 | 520.4 | 520.4 | 519.9 | 520.1 | 518.9 | 518.4 | 517.8 | 518.6 |
| 5°    | 530.0 | 528.7 | 527.7 | 525.4 | 524.2 | 522.6 | 521.9 | 519.9 | 518.1 | 516.6 | 516.3 |
| 7.5°  | 536.0 | 533.2 | 531.5 | 528.4 | 526.2 | 524.4 | 521.9 | 519.1 | 516.8 | 514.8 | 513.3 |
| 10°   | 538.5 | 535.8 | 533.0 | 529.2 | 526.7 | 523.4 | 520.9 | 517.3 | 514.3 | 511.5 | 509.8 |
| 12.5° | 538.8 | 535.3 | 532.7 | 528.4 | 525.2 | 521.6 | 518.9 | 514.8 | 511.3 | 508.5 | 505.7 |
| 15°   | 536.5 | 533.2 | 530.2 | 525.7 | 522.4 | 519.1 | 515.8 | 511.5 | 508.3 | 505.0 | 503.0 |
| 17.5° | 531.5 | 528.4 | 524.9 | 520.6 | 517.6 | 514.6 | 511.0 | 507.5 | 503.7 | 500.2 | 497.6 |
| 20°   | 524.9 | 521.6 | 518.6 | 514.3 | 511.8 | 508.5 | 505.2 | 501.4 | 498.4 | 494.9 | 492.1 |
| 22.5° | 515.1 | 512.0 | 509.3 | 506.7 | 502.7 | 500.2 | 497.9 | 493.6 | 490.6 | 487.3 | 484.3 |
| 25°   | 500.9 | 497.9 | 495.6 | 492.6 | 490.8 | 488.0 | 485.8 | 482.0 | 479.2 | 476.2 | 473.7 |
| 27.5° | 477.7 | 475.9 | 474.7 | 472.9 | 471.4 | 470.1 | 468.9 | 465.8 | 463.8 | 461.0 | 458.5 |
| 30°   | 442.9 | 442.6 | 441.8 | 441.1 | 442.1 | 442.1 | 442.1 | 441.6 | 439.8 | 437.8 | 436.0 |
| 32.5° | 398.2 | 398.7 | 399.7 | 400.4 | 402.5 | 404.7 | 406.7 | 407.8 | 407.8 | 406.5 | 405.7 |
| 35°   | 344.9 | 345.7 | 347.2 | 349.2 | 351.7 | 354.5 | 359.0 | 360.0 | 360.8 | 360.8 | 359.8 |
| 37.5° | 289.6 | 289.3 | 290.9 | 292.6 | 294.1 | 296.2 | 299.4 | 300.2 | 301.5 | 301.0 | 299.9 |
| 40°   | 235.8 | 234.6 | 234.0 | 234.6 | 236.3 | 235.6 | 236.3 | 235.8 | 235.8 | 234.0 | 234.0 |
| 42.5° | 186.1 | 184.6 | 183.6 | 182.8 | 182.8 | 181.0 | 179.8 | 178.5 | 177.8 | 176.5 | 176.2 |
| 45°   | 143.4 | 141.6 | 140.4 | 139.9 | 139.1 | 136.8 | 135.3 | 133.8 | 132.0 | 131.5 | 131.8 |
| 47.5° | 111.3 | 109.6 | 109.1 | 107.8 | 106.5 | 105.3 | 104.3 | 102.5 | 102.3 | 101.2 | 102.3 |
| 50°   | 85.8  | 85.3  | 84.6  | 84.1  | 83.3  | 82.3  | 81.3  | 80.3  | 79.8  | 79.8  | 80.0  |
| 52.5° | 66.7  | 66.9  | 66.1  | 65.4  | 64.9  | 64.9  | 63.6  | 63.4  | 63.4  | 62.4  | 63.4  |
| 55°   | 51.0  | 50.7  | 51.0  | 50.5  | 50.5  | 49.7  | 49.7  | 49.0  | 49.0  | 48.2  | 48.7  |
| 57.5° | 37.4  | 37.9  | 37.4  | 37.6  | 38.1  | 37.4  | 37.1  | 36.4  | 36.9  | 36.4  | 36.6  |
| 60°   | 29.0  | 29.0  | 29.0  | 28.8  | 28.8  | 28.5  | 28.5  | 28.3  | 28.3  | 27.8  | 28.3  |
| 62.5° | 21.5  | 21.7  | 21.7  | 21.7  | 22.0  | 21.7  | 21.5  | 21.7  | 21.5  | 21.5  | 21.7  |
| 65°   | 14.1  | 14.4  | 14.4  | 14.1  | 14.6  | 14.1  | 14.4  | 14.6  | 14.9  | 14.6  | 14.9  |
| 67.5° | 9.6   | 9.6   | 9.9   | 10.1  | 9.9   | 10.1  | 10.4  | 10.1  | 10.4  | 10.9  | 10.4  |
| 70°   | 7.1   | 7.3   | 7.3   | 7.1   | 6.8   | 7.1   | 6.8   | 7.6   | 7.6   | 7.6   | 8.1   |
| 72.5° | 4.5   | 4.5   | 4.3   | 4.3   | 4.3   | 4.3   | 4.3   | 5.1   | 4.5   | 4.3   | 4.8   |
| 75°   | 2.5   | 2.8   | 2.8   | 2.0   | 2.3   | 2.8   | 2.0   | 2.3   | 3.0   | 2.5   | 3.0   |
| 77.5° | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 2.0   | 1.8   | 1.8   | 1.8   | 2.0   |
| 80°   | 1.3   | 1.0   | 1.0   | 0.8   | 1.0   | 1.0   | 1.0   | 1.5   | 1.3   | 1.3   | 1.5   |
| 82.5° | 0.5   | 0.5   | 0.2   | 0.0   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 1.0   |
| 85°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.2   | 0.2   | 0.0   |
| 87.5° | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.5   | 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: P245898

CATALOG NUMBER: LD8B10D010 ER8B10835 8LBSW0B

**CANDELA DISTRIBUTION (continued):**

|       | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 |
| 2.5°  | 516.6 | 516.6 | 516.3 | 515.8 | 514.8 | 514.8 | 514.6 | 513.8 | 513.3 | 513.0 | 513.0 |
| 5°    | 514.1 | 513.0 | 512.0 | 509.3 | 509.3 | 508.8 | 507.2 | 506.2 | 505.7 | 504.5 | 504.0 |
| 7.5°  | 511.8 | 508.8 | 507.0 | 505.2 | 503.0 | 501.9 | 500.2 | 499.4 | 497.6 | 496.4 | 495.6 |
| 10°   | 506.2 | 504.2 | 501.9 | 499.2 | 497.4 | 495.4 | 493.3 | 491.8 | 489.6 | 488.3 | 487.3 |
| 12.5° | 502.4 | 499.4 | 497.4 | 494.4 | 491.3 | 489.6 | 486.8 | 485.0 | 482.7 | 480.2 | 478.7 |
| 15°   | 498.9 | 495.6 | 492.9 | 489.6 | 486.3 | 484.3 | 481.0 | 479.0 | 475.7 | 473.2 | 471.4 |
| 17.5° | 493.6 | 490.8 | 487.8 | 483.8 | 480.7 | 478.2 | 474.7 | 472.1 | 469.1 | 465.8 | 464.1 |
| 20°   | 488.0 | 484.8 | 481.7 | 477.7 | 474.7 | 471.6 | 468.1 | 465.3 | 461.8 | 458.8 | 456.7 |
| 22.5° | 480.7 | 476.9 | 474.4 | 470.4 | 466.8 | 463.6 | 460.3 | 457.0 | 453.7 | 451.2 | 448.9 |
| 25°   | 470.1 | 466.1 | 463.3 | 460.0 | 456.7 | 454.2 | 450.2 | 448.2 | 444.9 | 442.6 | 440.3 |
| 27.5° | 455.0 | 451.9 | 449.4 | 446.1 | 443.4 | 441.3 | 438.3 | 436.3 | 433.5 | 431.5 | 429.7 |
| 30°   | 432.8 | 430.2 | 428.0 | 424.7 | 422.7 | 420.9 | 418.1 | 416.3 | 414.3 | 412.0 | 411.6 |
| 32.5° | 403.0 | 400.9 | 398.7 | 396.4 | 394.9 | 393.9 | 391.6 | 390.6 | 388.6 | 387.3 | 386.0 |
| 35°   | 358.0 | 356.3 | 355.0 | 354.0 | 353.5 | 353.7 | 353.2 | 354.2 | 354.7 | 354.5 | 354.7 |
| 37.5° | 299.2 | 298.2 | 298.7 | 299.4 | 302.0 | 305.3 | 308.3 | 312.8 | 315.9 | 318.9 | 321.7 |
| 40°   | 233.5 | 234.3 | 236.3 | 240.9 | 247.4 | 254.8 | 261.6 | 270.2 | 278.7 | 284.8 | 290.4 |
| 42.5° | 176.2 | 178.5 | 183.6 | 190.1 | 200.0 | 210.8 | 221.4 | 234.0 | 244.4 | 254.5 | 261.6 |
| 45°   | 132.6 | 135.6 | 142.1 | 151.2 | 162.1 | 174.7 | 188.1 | 202.2 | 214.6 | 225.0 | 232.8 |
| 47.5° | 103.3 | 106.0 | 112.6 | 122.2 | 135.6 | 148.7 | 162.6 | 177.2 | 190.1 | 200.2 | 207.0 |
| 50°   | 81.5  | 85.1  | 90.9  | 101.0 | 114.4 | 128.3 | 142.7 | 157.0 | 169.2 | 177.8 | 183.8 |
| 52.5° | 64.1  | 67.4  | 73.0  | 83.6  | 97.2  | 111.1 | 124.5 | 138.6 | 149.2 | 157.5 | 161.6 |
| 55°   | 49.7  | 52.8  | 58.6  | 67.4  | 80.3  | 93.9  | 107.3 | 119.4 | 129.3 | 135.3 | 139.1 |
| 57.5° | 37.9  | 40.1  | 44.2  | 53.0  | 64.6  | 77.3  | 88.6  | 100.7 | 108.3 | 112.6 | 115.1 |
| 60°   | 28.8  | 30.6  | 34.8  | 41.7  | 52.3  | 63.1  | 72.7  | 81.8  | 87.9  | 91.4  | 93.9  |
| 62.5° | 21.7  | 23.7  | 26.8  | 32.6  | 40.6  | 49.5  | 57.6  | 64.4  | 69.4  | 71.7  | 73.5  |
| 65°   | 14.9  | 16.4  | 18.7  | 23.2  | 30.0  | 36.4  | 42.7  | 47.7  | 51.0  | 53.5  | 54.5  |
| 67.5° | 11.1  | 12.1  | 13.4  | 16.9  | 21.7  | 26.8  | 31.1  | 34.6  | 38.1  | 39.1  | 40.9  |
| 70°   | 8.3   | 9.1   | 10.4  | 12.9  | 15.7  | 19.2  | 22.7  | 24.7  | 27.3  | 29.0  | 29.5  |
| 72.5° | 5.3   | 5.5   | 6.8   | 8.3   | 10.6  | 12.9  | 15.2  | 16.9  | 18.4  | 19.4  | 19.9  |
| 75°   | 3.0   | 4.5   | 4.5   | 6.1   | 7.6   | 8.6   | 10.1  | 11.4  | 12.1  | 12.9  | 12.9  |
| 77.5° | 2.0   | 2.8   | 3.0   | 3.8   | 4.5   | 5.8   | 7.1   | 7.8   | 8.6   | 8.8   | 8.8   |
| 80°   | 1.8   | 2.0   | 2.0   | 2.8   | 3.3   | 4.3   | 5.1   | 5.3   | 5.8   | 6.1   | 6.6   |
| 82.5° | 0.8   | 1.0   | 1.3   | 2.0   | 2.3   | 2.3   | 3.0   | 3.3   | 3.8   | 4.0   | 4.0   |
| 85°   | 0.2   | 0.5   | 0.5   | 0.8   | 1.3   | 1.5   | 1.8   | 2.0   | 2.3   | 2.3   | 2.5   |
| 87.5° | 0.2   | 0.2   | 0.0   | 0.2   | 0.5   | 0.5   | 1.0   | 1.0   | 1.0   | 1.5   | 1.5   |
| 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: P245898

CATALOG NUMBER: LD8B10D010 ER8B10835 8LBSW0B

**CANDELA DISTRIBUTION (continued):**

|       | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 | 517.1 |
| 2.5°  | 512.5 | 512.8 | 511.8 | 511.5 | 511.0 | 511.3 | 511.8 |
| 5°    | 503.2 | 503.5 | 502.4 | 501.4 | 501.4 | 501.2 | 501.4 |
| 7.5°  | 494.4 | 494.6 | 493.1 | 492.6 | 491.6 | 491.8 | 491.8 |
| 10°   | 485.5 | 485.5 | 483.3 | 483.0 | 482.2 | 482.0 | 482.0 |
| 12.5° | 476.9 | 476.2 | 474.4 | 473.4 | 473.9 | 472.4 | 472.4 |
| 15°   | 469.4 | 468.1 | 465.8 | 465.1 | 463.8 | 463.3 | 463.3 |
| 17.5° | 461.5 | 460.5 | 458.5 | 457.0 | 455.5 | 455.2 | 455.5 |
| 20°   | 454.0 | 453.0 | 450.4 | 449.4 | 448.2 | 448.2 | 447.7 |
| 22.5° | 446.4 | 445.4 | 443.1 | 442.4 | 440.6 | 440.6 | 440.8 |
| 25°   | 438.6 | 437.8 | 435.3 | 434.8 | 434.5 | 433.5 | 434.0 |
| 27.5° | 428.0 | 427.5 | 425.4 | 424.7 | 423.7 | 423.4 | 423.9 |
| 30°   | 408.5 | 407.8 | 406.2 | 405.5 | 403.7 | 404.0 | 404.5 |
| 32.5° | 384.3 | 383.3 | 381.2 | 380.5 | 379.0 | 378.5 | 378.7 |
| 35°   | 354.0 | 353.2 | 351.5 | 351.5 | 349.9 | 349.4 | 349.9 |
| 37.5° | 323.2 | 323.9 | 323.2 | 323.9 | 323.2 | 322.9 | 323.2 |
| 40°   | 294.1 | 296.9 | 297.4 | 300.2 | 299.2 | 300.7 | 300.5 |
| 42.5° | 266.4 | 270.9 | 272.7 | 275.0 | 274.5 | 275.5 | 276.2 |
| 45°   | 238.3 | 242.1 | 243.9 | 245.4 | 245.7 | 246.2 | 246.4 |
| 47.5° | 211.8 | 214.9 | 215.1 | 216.9 | 216.6 | 216.6 | 217.4 |
| 50°   | 187.1 | 189.1 | 189.6 | 190.9 | 189.9 | 189.4 | 189.6 |
| 52.5° | 164.1 | 166.1 | 165.6 | 166.1 | 164.9 | 164.4 | 164.6 |
| 55°   | 140.6 | 141.6 | 141.6 | 141.6 | 140.1 | 140.1 | 140.1 |
| 57.5° | 116.6 | 116.9 | 116.4 | 116.6 | 116.4 | 114.9 | 114.6 |
| 60°   | 94.7  | 94.7  | 94.4  | 94.7  | 93.9  | 93.2  | 93.2  |
| 62.5° | 74.0  | 74.5  | 75.5  | 74.5  | 74.0  | 74.5  | 73.7  |
| 65°   | 55.3  | 56.3  | 56.0  | 56.6  | 56.3  | 56.3  | 55.8  |
| 67.5° | 41.7  | 41.9  | 42.2  | 42.4  | 42.4  | 42.4  | 42.4  |
| 70°   | 30.6  | 31.3  | 31.1  | 31.1  | 31.1  | 31.1  | 32.6  |
| 72.5° | 20.5  | 21.5  | 21.2  | 21.7  | 21.7  | 22.2  | 21.7  |
| 75°   | 13.9  | 14.9  | 14.4  | 15.2  | 14.9  | 14.4  | 15.7  |
| 77.5° | 9.3   | 9.9   | 10.1  | 10.4  | 10.1  | 9.9   | 10.1  |
| 80°   | 6.6   | 7.1   | 6.8   | 7.1   | 7.1   | 7.1   | 7.3   |
| 82.5° | 4.0   | 4.8   | 4.5   | 4.8   | 4.5   | 4.8   | 4.8   |
| 85°   | 2.8   | 3.0   | 2.5   | 3.0   | 2.8   | 2.8   | 3.3   |
| 87.5° | 1.8   | 1.5   | 1.5   | 1.8   | 1.5   | 1.8   | 1.5   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)