

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: P245952

Luminaire Tested: **LD8B10D010 ER8B10930 8LBSW0B**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P245952  
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 ER8B10930 8LBSW0B  
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF  
RECESSED DOWNLIGHT  
97 CRI 3000 CCT WITH SPECULAR BLACK TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 719.7 lumens  
Efficiency: N/A  
Efficacy: 70.6 lumens/watt  
Spacing Criteria (0/90/45): 1.2 / 1.23 / 1.15  
Luminous Opening: Point Source (0' x 0' x 0')  
CIE Type: Direct

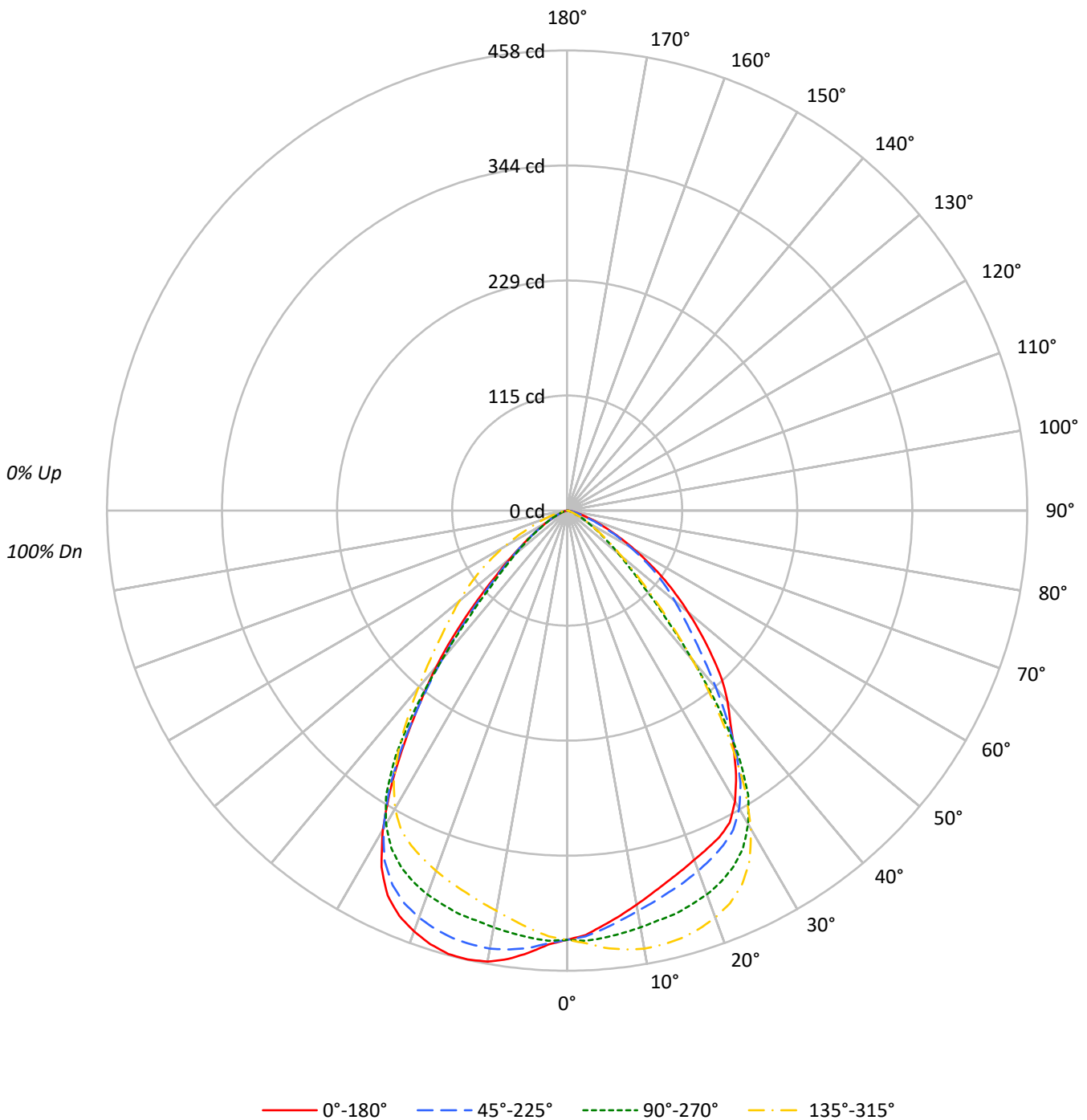
Input Watts (W): 10.2  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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°  | Luminaire represents a point source (luminous area is zero). |     |      |      |
| 5°  | No luminance values can be calculated.                       |     |      |      |
| 10° |  |     |      |      |
| 15° |  |     |      |      |
| 20° |  |     |      |      |
| 25° |  |     |      |      |
| 30° |  |     |      |      |
| 35° |  |     |      |      |
| 40° |  |     |      |      |
| 45° |  |     |      |      |
| 50° |  |     |      |      |
| 55° |  |     |      |      |
| 60° |  |     |      |      |
| 65° |  |     |      |      |
| 70° |  |     |      |      |
| 75° |  |     |      |      |
| 80° |  |     |      |      |
| 85° |  |     |      |      |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 40.7   | 5.7       |
| 10°-20°   | 117.8  | 16.4      |
| 20°-30°   | 178.3  | 24.8      |
| 30°-40°   | 178.7  | 24.8      |
| 40°-50°   | 112.2  | 15.6      |
| 50°-60°   | 59.8   | 8.3       |
| 60°-70°   | 24.6   | 3.4       |
| 70°-80°   | 6.5    | 0.9       |
| 80°-90°   | 1.1    | 0.2       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-30°    | 336.7  | 46.8      |
| 0°-40°    | 515.5  | 71.6      |
| 0°-60°    | 687.5  | 95.5      |
| 0°-90°    | 719.7  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 719.7  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | 90° | 180° | 270° | 360° | Flux |
|-----|-----|-----|------|------|------|------|
| 0°  | 427 | 427 | 427  | 427  | 427  |      |
| 5°  | 414 | 427 | 442  | 427  | 414  | 39   |
| 15° | 383 | 416 | 457  | 416  | 383  | 108  |
| 25° | 359 | 391 | 423  | 391  | 359  | 164  |
| 35° | 289 | 297 | 282  | 297  | 289  | 181  |
| 45° | 204 | 109 | 126  | 109  | 204  | 157  |
| 55° | 116 | 40  | 43   | 40   | 116  | 103  |
| 65° | 46  | 12  | 11   | 12   | 46   | 48   |
| 75° | 13  | 2   | 2    | 2    | 13   | 15   |
| 85° | 3   | 0   | 0    | 0    | 3    | 3    |
| 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°    | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 |
| 2.5°  | 422.8 | 422.5 | 422.3 | 422.6 | 422.8 | 423.7 | 423.5 | 424.0 | 424.0 | 424.1 | 424.5 |
| 5°    | 414.3 | 414.1 | 414.3 | 414.3 | 415.1 | 416.0 | 415.8 | 416.5 | 416.8 | 417.9 | 418.2 |
| 7.5°  | 406.4 | 406.4 | 406.1 | 407.0 | 407.5 | 408.7 | 408.5 | 409.5 | 410.2 | 411.2 | 412.6 |
| 10°   | 398.3 | 398.3 | 398.5 | 399.1 | 399.3 | 401.2 | 401.2 | 402.7 | 403.4 | 404.6 | 406.4 |
| 12.5° | 390.3 | 390.3 | 391.6 | 391.1 | 392.0 | 393.5 | 394.0 | 395.5 | 396.8 | 398.9 | 400.8 |
| 15°   | 382.8 | 382.8 | 383.3 | 384.3 | 385.0 | 386.7 | 387.9 | 389.5 | 391.0 | 393.0 | 395.7 |
| 17.5° | 376.3 | 376.1 | 376.3 | 377.6 | 378.9 | 380.5 | 381.4 | 383.5 | 385.0 | 387.6 | 390.1 |
| 20°   | 369.9 | 370.3 | 370.3 | 371.4 | 372.2 | 374.3 | 375.1 | 377.4 | 379.0 | 381.6 | 384.5 |
| 22.5° | 364.2 | 364.0 | 364.0 | 365.6 | 366.1 | 368.0 | 368.8 | 370.9 | 372.8 | 374.9 | 377.6 |
| 25°   | 358.6 | 358.2 | 359.1 | 359.3 | 359.6 | 361.7 | 362.4 | 363.9 | 365.7 | 367.6 | 370.3 |
| 27.5° | 350.3 | 349.9 | 350.1 | 350.9 | 351.5 | 353.2 | 353.6 | 355.0 | 356.5 | 358.2 | 360.5 |
| 30°   | 334.2 | 333.8 | 333.6 | 335.1 | 335.6 | 337.0 | 337.5 | 340.0 | 340.4 | 342.4 | 344.0 |
| 32.5° | 312.9 | 312.8 | 313.1 | 314.4 | 315.0 | 316.7 | 317.5 | 318.9 | 320.0 | 321.1 | 322.7 |
| 35°   | 289.1 | 288.8 | 289.1 | 290.5 | 290.5 | 291.9 | 292.5 | 293.1 | 292.9 | 293.1 | 292.7 |
| 37.5° | 267.0 | 266.8 | 267.0 | 267.7 | 267.0 | 267.7 | 267.0 | 265.8 | 263.4 | 261.0 | 258.5 |
| 40°   | 248.3 | 248.4 | 247.2 | 248.1 | 245.7 | 245.4 | 243.0 | 239.9 | 235.3 | 230.4 | 223.2 |
| 42.5° | 228.2 | 227.6 | 226.8 | 227.2 | 225.3 | 223.9 | 220.1 | 216.1 | 210.3 | 201.9 | 193.4 |
| 45°   | 203.6 | 203.5 | 203.0 | 202.8 | 201.6 | 200.1 | 197.0 | 192.4 | 185.9 | 177.3 | 167.1 |
| 47.5° | 179.6 | 179.0 | 179.0 | 179.2 | 177.8 | 177.6 | 175.0 | 171.1 | 165.5 | 157.1 | 146.4 |
| 50°   | 156.7 | 156.5 | 156.8 | 157.7 | 156.7 | 156.3 | 154.6 | 151.9 | 146.9 | 139.8 | 129.8 |
| 52.5° | 136.0 | 135.9 | 136.2 | 137.3 | 136.9 | 137.3 | 135.6 | 133.5 | 130.1 | 123.3 | 114.6 |
| 55°   | 115.8 | 115.8 | 115.8 | 117.0 | 117.0 | 117.0 | 116.2 | 114.9 | 111.8 | 106.8 | 98.6  |
| 57.5° | 94.7  | 94.9  | 96.2  | 96.4  | 96.2  | 96.6  | 96.4  | 95.2  | 93.0  | 89.5  | 83.3  |
| 60°   | 77.0  | 77.0  | 77.6  | 78.2  | 78.0  | 78.2  | 78.2  | 77.6  | 75.6  | 72.6  | 67.6  |
| 62.5° | 60.9  | 61.5  | 61.1  | 61.5  | 62.3  | 61.5  | 61.1  | 60.8  | 59.3  | 57.4  | 53.2  |
| 65°   | 46.1  | 46.5  | 46.5  | 46.7  | 46.3  | 46.5  | 45.7  | 45.1  | 44.3  | 42.1  | 39.5  |
| 67.5° | 35.1  | 35.1  | 35.1  | 35.1  | 34.9  | 34.6  | 34.4  | 33.9  | 32.3  | 31.5  | 28.6  |
| 70°   | 26.9  | 25.7  | 25.7  | 25.7  | 25.7  | 25.9  | 25.2  | 24.4  | 24.0  | 22.5  | 20.4  |
| 72.5° | 17.9  | 18.4  | 17.9  | 17.9  | 17.5  | 17.7  | 16.9  | 16.5  | 16.0  | 15.2  | 14.0  |
| 75°   | 12.9  | 11.9  | 12.3  | 12.6  | 11.9  | 12.3  | 11.4  | 10.6  | 10.6  | 10.0  | 9.4   |
| 77.5° | 8.3   | 8.2   | 8.3   | 8.5   | 8.3   | 8.2   | 7.7   | 7.3   | 7.3   | 7.1   | 6.5   |
| 80°   | 6.1   | 5.8   | 5.8   | 5.8   | 5.6   | 5.8   | 5.4   | 5.4   | 5.0   | 4.8   | 4.4   |
| 82.5° | 3.9   | 3.9   | 3.7   | 3.9   | 3.7   | 3.9   | 3.4   | 3.4   | 3.4   | 3.1   | 2.7   |
| 85°   | 2.7   | 2.2   | 2.2   | 2.5   | 2.1   | 2.5   | 2.2   | 2.1   | 1.9   | 1.9   | 1.7   |
| 87.5° | 1.2   | 1.5   | 1.2   | 1.5   | 1.2   | 1.2   | 1.5   | 1.2   | 1.2   | 0.8   | 0.8   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |



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**CANDELA DISTRIBUTION (continued):**

|       | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 |
| 2.5°  | 425.2 | 425.4 | 425.4 | 426.2 | 426.7 | 426.9 | 426.9 | 428.6 | 427.9 | 428.3 | 428.7 |
| 5°    | 419.1 | 420.4 | 420.8 | 420.8 | 423.1 | 424.0 | 424.7 | 426.7 | 426.9 | 428.1 | 429.6 |
| 7.5°  | 413.3 | 414.8 | 415.6 | 417.5 | 418.9 | 420.4 | 422.8 | 424.1 | 425.4 | 427.1 | 428.9 |
| 10°   | 407.6 | 409.3 | 411.0 | 412.4 | 414.8 | 416.6 | 418.2 | 421.2 | 422.6 | 425.0 | 427.4 |
| 12.5° | 402.2 | 404.6 | 406.0 | 408.5 | 411.0 | 412.6 | 415.1 | 417.9 | 420.2 | 422.5 | 425.4 |
| 15°   | 397.4 | 400.1 | 401.8 | 404.6 | 407.3 | 409.5 | 412.2 | 415.6 | 417.2 | 419.9 | 422.6 |
| 17.5° | 392.2 | 395.2 | 397.2 | 399.7 | 403.0 | 405.6 | 407.8 | 411.2 | 413.3 | 416.2 | 419.4 |
| 20°   | 386.7 | 389.7 | 392.2 | 394.7 | 398.1 | 400.5 | 403.2 | 406.6 | 408.9 | 411.9 | 414.3 |
| 22.5° | 380.4 | 383.0 | 385.7 | 388.7 | 392.0 | 394.0 | 397.2 | 400.1 | 402.7 | 405.4 | 407.8 |
| 25°   | 371.9 | 375.3 | 377.4 | 380.1 | 382.8 | 385.1 | 388.4 | 391.3 | 393.5 | 395.9 | 398.3 |
| 27.5° | 362.2 | 364.7 | 366.3 | 368.6 | 371.4 | 373.4 | 376.0 | 378.9 | 380.9 | 383.3 | 385.0 |
| 30°   | 345.5 | 347.7 | 349.2 | 350.9 | 353.6 | 355.5 | 357.6 | 360.3 | 361.7 | 363.4 | 364.9 |
| 32.5° | 323.5 | 325.4 | 326.3 | 327.6 | 329.5 | 331.3 | 332.9 | 335.3 | 335.9 | 337.0 | 337.0 |
| 35°   | 291.9 | 292.2 | 292.0 | 292.5 | 293.4 | 294.4 | 295.8 | 297.3 | 298.1 | 298.1 | 297.5 |
| 37.5° | 254.7 | 252.2 | 249.5 | 247.4 | 246.8 | 246.4 | 247.2 | 247.9 | 248.6 | 249.1 | 248.1 |
| 40°   | 216.1 | 210.5 | 204.5 | 199.0 | 195.3 | 193.6 | 192.9 | 193.4 | 193.4 | 194.8 | 194.8 |
| 42.5° | 182.9 | 174.2 | 165.2 | 157.1 | 151.7 | 147.5 | 145.6 | 145.6 | 145.8 | 146.9 | 147.5 |
| 45°   | 155.4 | 144.4 | 134.0 | 125.0 | 117.5 | 112.0 | 109.5 | 108.8 | 108.7 | 109.1 | 110.5 |
| 47.5° | 134.3 | 122.9 | 112.0 | 101.0 | 93.0  | 87.7  | 85.3  | 84.5  | 83.6  | 84.5  | 84.7  |
| 50°   | 117.8 | 105.9 | 94.5  | 83.4  | 75.1  | 70.3  | 67.4  | 66.1  | 65.9  | 65.9  | 66.4  |
| 52.5° | 102.8 | 91.8  | 80.4  | 69.1  | 60.3  | 55.7  | 53.0  | 52.4  | 51.6  | 52.4  | 52.4  |
| 55°   | 88.7  | 77.6  | 66.4  | 55.7  | 48.4  | 43.6  | 41.1  | 40.2  | 39.8  | 40.5  | 40.5  |
| 57.5° | 73.2  | 63.8  | 53.4  | 43.8  | 36.5  | 33.2  | 31.3  | 30.3  | 30.0  | 30.5  | 30.0  |
| 60°   | 60.1  | 52.1  | 43.2  | 34.4  | 28.8  | 25.2  | 23.8  | 23.3  | 23.0  | 23.3  | 23.3  |
| 62.5° | 47.5  | 40.9  | 33.6  | 26.9  | 22.1  | 19.6  | 17.9  | 17.9  | 17.7  | 17.7  | 17.9  |
| 65°   | 35.3  | 30.0  | 24.8  | 19.2  | 15.5  | 13.6  | 12.3  | 12.3  | 12.1  | 12.3  | 12.1  |
| 67.5° | 25.7  | 22.1  | 17.9  | 14.0  | 11.1  | 10.0  | 9.2   | 8.5   | 9.0   | 8.5   | 8.3   |
| 70°   | 18.8  | 15.8  | 12.9  | 10.6  | 8.5   | 7.5   | 6.8   | 6.7   | 6.3   | 6.3   | 6.3   |
| 72.5° | 12.6  | 10.6  | 8.7   | 6.8   | 5.6   | 4.6   | 4.4   | 3.9   | 3.6   | 3.7   | 4.1   |
| 75°   | 8.3   | 7.1   | 6.3   | 5.0   | 3.7   | 3.7   | 2.5   | 2.5   | 2.1   | 2.5   | 1.9   |
| 77.5° | 5.8   | 4.8   | 3.7   | 3.1   | 2.5   | 2.2   | 1.7   | 1.7   | 1.5   | 1.5   | 1.5   |
| 80°   | 4.1   | 3.6   | 2.7   | 2.2   | 1.7   | 1.7   | 1.5   | 1.2   | 1.0   | 1.0   | 1.2   |
| 82.5° | 2.5   | 1.9   | 1.9   | 1.7   | 1.0   | 0.8   | 0.7   | 0.8   | 0.4   | 0.4   | 0.4   |
| 85°   | 1.5   | 1.2   | 1.0   | 0.7   | 0.4   | 0.4   | 0.2   | 0.0   | 0.2   | 0.2   | 0.0   |
| 87.5° | 0.8   | 0.4   | 0.4   | 0.2   | 0.0   | 0.2   | 0.2   | 0.0   | 0.0   | 0.0   | 0.4   |
| 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°    | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 |
| 2.5°  | 429.8 | 429.6 | 430.0 | 430.0 | 431.2 | 431.0 | 431.6 | 431.6 | 431.2 | 431.5 | 432.3 |
| 5°    | 431.2 | 431.8 | 433.0 | 434.2 | 436.0 | 436.9 | 437.9 | 439.0 | 439.1 | 439.8 | 440.4 |
| 7.5°  | 431.2 | 433.3 | 434.7 | 436.6 | 439.1 | 440.6 | 442.9 | 444.8 | 445.6 | 446.6 | 448.0 |
| 10°   | 430.4 | 432.5 | 435.2 | 437.3 | 440.4 | 442.7 | 445.0 | 448.0 | 449.2 | 450.9 | 452.5 |
| 12.5° | 428.7 | 431.0 | 433.9 | 436.6 | 440.2 | 442.2 | 445.1 | 448.0 | 449.7 | 452.1 | 454.0 |
| 15°   | 426.2 | 428.9 | 431.6 | 434.4 | 438.1 | 440.6 | 443.4 | 446.5 | 448.3 | 450.9 | 452.5 |
| 17.5° | 422.3 | 425.2 | 427.7 | 430.1 | 433.7 | 436.6 | 439.1 | 442.0 | 443.9 | 446.0 | 448.3 |
| 20°   | 417.5 | 420.2 | 422.8 | 425.0 | 428.6 | 431.0 | 433.7 | 436.4 | 437.9 | 438.3 | 441.9 |
| 22.5° | 411.4 | 413.3 | 415.3 | 418.7 | 420.8 | 423.1 | 425.5 | 428.1 | 429.6 | 431.8 | 433.0 |
| 25°   | 401.4 | 403.2 | 405.6 | 407.0 | 409.5 | 411.4 | 413.9 | 416.6 | 417.5 | 419.1 | 420.4 |
| 27.5° | 387.4 | 388.4 | 389.5 | 390.8 | 392.2 | 393.2 | 394.7 | 395.9 | 396.8 | 397.6 | 398.5 |
| 30°   | 365.3 | 365.3 | 365.3 | 364.4 | 365.1 | 365.7 | 365.9 | 365.7 | 365.7 | 365.6 | 365.6 |
| 32.5° | 336.1 | 334.4 | 332.5 | 330.9 | 330.2 | 329.5 | 329.0 | 328.3 | 327.3 | 326.7 | 326.9 |
| 35°   | 296.6 | 292.9 | 290.6 | 288.5 | 286.9 | 285.6 | 285.0 | 284.4 | 284.2 | 283.3 | 282.5 |
| 37.5° | 247.4 | 244.7 | 243.0 | 241.8 | 240.3 | 239.1 | 239.3 | 239.4 | 240.1 | 239.7 | 239.9 |
| 40°   | 195.3 | 194.6 | 195.3 | 193.8 | 193.4 | 193.8 | 194.8 | 196.3 | 197.2 | 198.0 | 199.4 |
| 42.5° | 148.5 | 149.5 | 151.0 | 151.0 | 151.7 | 152.5 | 153.8 | 156.0 | 157.3 | 158.7 | 160.4 |
| 45°   | 111.8 | 113.1 | 114.9 | 115.6 | 116.0 | 117.0 | 118.5 | 120.4 | 121.2 | 122.4 | 123.9 |
| 47.5° | 86.2  | 87.0  | 88.0  | 89.1  | 90.1  | 90.6  | 92.0  | 92.0  | 93.0  | 93.8  | 94.3  |
| 50°   | 67.1  | 68.0  | 68.8  | 69.5  | 69.8  | 70.5  | 71.0  | 71.5  | 71.7  | 72.2  | 72.4  |
| 52.5° | 52.6  | 53.6  | 53.6  | 54.0  | 54.7  | 55.3  | 55.0  | 55.3  | 55.5  | 55.5  | 56.2  |
| 55°   | 41.1  | 41.1  | 41.7  | 41.7  | 42.1  | 41.9  | 42.1  | 42.1  | 42.1  | 42.1  | 42.4  |
| 57.5° | 30.7  | 30.8  | 31.5  | 31.1  | 30.8  | 31.3  | 30.8  | 31.3  | 31.1  | 31.5  | 30.8  |
| 60°   | 23.5  | 23.5  | 23.8  | 23.8  | 24.0  | 24.0  | 24.0  | 23.8  | 23.8  | 23.5  | 23.5  |
| 62.5° | 17.7  | 17.9  | 18.2  | 17.9  | 17.9  | 17.9  | 17.7  | 17.7  | 17.5  | 17.3  | 17.3  |
| 65°   | 11.9  | 11.7  | 12.1  | 11.7  | 11.9  | 11.9  | 11.7  | 11.9  | 11.3  | 11.4  | 11.3  |
| 67.5° | 8.5   | 8.3   | 8.2   | 8.3   | 8.2   | 8.0   | 8.0   | 8.2   | 8.3   | 7.7   | 7.7   |
| 70°   | 5.6   | 5.8   | 5.6   | 5.8   | 6.1   | 6.1   | 5.8   | 5.6   | 5.8   | 5.4   | 5.6   |
| 72.5° | 3.6   | 3.6   | 3.6   | 3.6   | 3.6   | 3.7   | 3.7   | 3.7   | 3.4   | 3.4   | 3.1   |
| 75°   | 1.7   | 2.2   | 1.9   | 1.7   | 2.2   | 2.2   | 2.1   | 2.1   | 1.9   | 1.9   | 1.9   |
| 77.5° | 1.7   | 1.2   | 1.2   | 1.2   | 1.2   | 1.2   | 1.2   | 1.2   | 1.0   | 1.2   | 1.0   |
| 80°   | 0.8   | 0.8   | 0.8   | 0.7   | 0.8   | 0.8   | 1.0   | 0.8   | 0.8   | 0.7   | 1.0   |
| 82.5° | 0.4   | 0.4   | 0.4   | 0.0   | 0.2   | 0.4   | 0.4   | 0.2   | 0.4   | 0.4   | 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: P245952

CATALOG NUMBER: LD8B10D010 ER8B10930 8LBSW0B

**CANDELA DISTRIBUTION (continued):**

|       | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 |
| 2.5°  | 432.0 | 431.8 | 432.0 | 432.3 | 432.0 | 431.8 | 432.0 | 432.3 | 431.5 | 431.2 | 431.6 |
| 5°    | 441.2 | 441.2 | 441.7 | 441.9 | 441.7 | 441.2 | 441.2 | 440.4 | 439.8 | 439.1 | 439.0 |
| 7.5°  | 449.2 | 449.6 | 450.0 | 450.2 | 450.0 | 449.6 | 449.2 | 448.0 | 446.6 | 445.6 | 444.8 |
| 10°   | 454.0 | 454.6 | 455.5 | 455.8 | 455.5 | 454.6 | 454.0 | 452.5 | 450.9 | 449.2 | 448.0 |
| 12.5° | 456.0 | 456.7 | 457.7 | 457.5 | 457.7 | 456.7 | 456.0 | 454.0 | 452.1 | 449.7 | 448.0 |
| 15°   | 454.6 | 455.5 | 456.5 | 456.9 | 456.5 | 455.5 | 454.6 | 452.5 | 450.9 | 448.3 | 446.5 |
| 17.5° | 450.0 | 451.2 | 451.9 | 452.5 | 451.9 | 451.2 | 450.0 | 448.3 | 446.0 | 443.9 | 442.0 |
| 20°   | 443.7 | 444.6 | 445.4 | 445.6 | 445.4 | 444.6 | 443.7 | 441.9 | 438.3 | 437.9 | 436.4 |
| 22.5° | 434.7 | 435.4 | 437.3 | 436.6 | 437.3 | 435.4 | 434.7 | 433.0 | 431.8 | 429.6 | 428.1 |
| 25°   | 421.8 | 422.5 | 422.6 | 422.8 | 422.6 | 422.5 | 421.8 | 420.4 | 419.1 | 417.5 | 416.6 |
| 27.5° | 399.5 | 399.5 | 400.0 | 400.1 | 400.0 | 399.5 | 399.5 | 398.5 | 397.6 | 396.8 | 395.9 |
| 30°   | 365.7 | 365.7 | 365.7 | 366.8 | 365.7 | 365.7 | 365.7 | 365.6 | 365.6 | 365.7 | 365.7 |
| 32.5° | 326.7 | 326.3 | 325.9 | 326.3 | 325.9 | 326.3 | 326.7 | 326.9 | 326.7 | 327.3 | 328.3 |
| 35°   | 282.5 | 282.3 | 282.9 | 282.0 | 282.9 | 282.3 | 282.5 | 282.5 | 283.3 | 284.2 | 284.4 |
| 37.5° | 240.1 | 239.7 | 240.6 | 239.7 | 240.6 | 239.7 | 240.1 | 239.9 | 239.7 | 240.1 | 239.4 |
| 40°   | 199.9 | 200.3 | 200.3 | 201.9 | 200.3 | 200.3 | 199.9 | 199.4 | 198.0 | 197.2 | 196.3 |
| 42.5° | 161.3 | 162.5 | 162.1 | 163.3 | 162.1 | 162.5 | 161.3 | 160.4 | 158.7 | 157.3 | 156.0 |
| 45°   | 124.8 | 125.6 | 125.6 | 126.0 | 125.6 | 125.6 | 124.8 | 123.9 | 122.4 | 121.2 | 120.4 |
| 47.5° | 95.7  | 95.7  | 95.7  | 96.0  | 95.7  | 95.7  | 95.7  | 94.3  | 93.8  | 93.0  | 92.0  |
| 50°   | 72.8  | 73.0  | 73.2  | 73.4  | 73.2  | 73.0  | 72.8  | 72.4  | 72.2  | 71.7  | 71.5  |
| 52.5° | 55.9  | 56.2  | 55.7  | 56.2  | 55.7  | 56.2  | 55.9  | 56.2  | 55.5  | 55.5  | 55.3  |
| 55°   | 42.4  | 42.1  | 42.4  | 42.6  | 42.4  | 42.1  | 42.4  | 42.4  | 42.1  | 42.1  | 42.1  |
| 57.5° | 31.1  | 30.7  | 30.7  | 30.7  | 30.7  | 30.7  | 31.1  | 30.8  | 31.5  | 31.1  | 31.3  |
| 60°   | 23.2  | 23.3  | 23.3  | 23.5  | 23.3  | 23.3  | 23.2  | 23.5  | 23.5  | 23.8  | 23.8  |
| 62.5° | 17.2  | 17.7  | 17.3  | 17.7  | 17.3  | 17.7  | 17.2  | 17.3  | 17.3  | 17.5  | 17.7  |
| 65°   | 11.1  | 11.1  | 11.1  | 11.3  | 11.1  | 11.1  | 11.1  | 11.3  | 11.4  | 11.3  | 11.9  |
| 67.5° | 7.5   | 7.7   | 8.2   | 8.0   | 8.2   | 7.7   | 7.5   | 7.7   | 7.7   | 8.3   | 8.2   |
| 70°   | 6.1   | 5.4   | 5.4   | 6.1   | 5.4   | 5.4   | 6.1   | 5.6   | 5.4   | 5.8   | 5.6   |
| 72.5° | 3.6   | 3.1   | 3.6   | 3.6   | 3.6   | 3.1   | 3.6   | 3.1   | 3.4   | 3.4   | 3.7   |
| 75°   | 1.9   | 1.7   | 1.5   | 2.1   | 1.5   | 1.7   | 1.9   | 1.9   | 1.9   | 1.9   | 2.1   |
| 77.5° | 1.2   | 1.0   | 1.5   | 1.5   | 1.5   | 1.0   | 1.2   | 1.0   | 1.2   | 1.0   | 1.2   |
| 80°   | 0.7   | 0.8   | 0.7   | 1.0   | 0.7   | 0.8   | 0.7   | 1.0   | 0.7   | 0.8   | 0.8   |
| 82.5° | 0.2   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.2   | 0.2   | 0.4   | 0.4   | 0.2   |
| 85°   | 0.0   | 0.4   | 0.2   | 0.2   | 0.2   | 0.4   | 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: P245952

CATALOG NUMBER: LD8B10D010 ER8B10930 8LBSW0B

**CANDELA DISTRIBUTION (continued):**

|       | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 |
| 2.5°  | 431.6 | 431.0 | 431.2 | 430.0 | 430.0 | 429.6 | 429.8 | 428.7 | 428.3 | 427.9 | 428.6 |
| 5°    | 437.9 | 436.9 | 436.0 | 434.2 | 433.0 | 431.8 | 431.2 | 429.6 | 428.1 | 426.9 | 426.7 |
| 7.5°  | 442.9 | 440.6 | 439.1 | 436.6 | 434.7 | 433.3 | 431.2 | 428.9 | 427.1 | 425.4 | 424.1 |
| 10°   | 445.0 | 442.7 | 440.4 | 437.3 | 435.2 | 432.5 | 430.4 | 427.4 | 425.0 | 422.6 | 421.2 |
| 12.5° | 445.1 | 442.2 | 440.2 | 436.6 | 433.9 | 431.0 | 428.7 | 425.4 | 422.5 | 420.2 | 417.9 |
| 15°   | 443.4 | 440.6 | 438.1 | 434.4 | 431.6 | 428.9 | 426.2 | 422.6 | 419.9 | 417.2 | 415.6 |
| 17.5° | 439.1 | 436.6 | 433.7 | 430.1 | 427.7 | 425.2 | 422.3 | 419.4 | 416.2 | 413.3 | 411.2 |
| 20°   | 433.7 | 431.0 | 428.6 | 425.0 | 422.8 | 420.2 | 417.5 | 414.3 | 411.9 | 408.9 | 406.6 |
| 22.5° | 425.5 | 423.1 | 420.8 | 418.7 | 415.3 | 413.3 | 411.4 | 407.8 | 405.4 | 402.7 | 400.1 |
| 25°   | 413.9 | 411.4 | 409.5 | 407.0 | 405.6 | 403.2 | 401.4 | 398.3 | 395.9 | 393.5 | 391.3 |
| 27.5° | 394.7 | 393.2 | 392.2 | 390.8 | 389.5 | 388.4 | 387.4 | 385.0 | 383.3 | 380.9 | 378.9 |
| 30°   | 365.9 | 365.7 | 365.1 | 364.4 | 365.3 | 365.3 | 365.3 | 364.9 | 363.4 | 361.7 | 360.3 |
| 32.5° | 329.0 | 329.5 | 330.2 | 330.9 | 332.5 | 334.4 | 336.1 | 337.0 | 337.0 | 335.9 | 335.3 |
| 35°   | 285.0 | 285.6 | 286.9 | 288.5 | 290.6 | 292.9 | 296.6 | 297.5 | 298.1 | 298.1 | 297.3 |
| 37.5° | 239.3 | 239.1 | 240.3 | 241.8 | 243.0 | 244.7 | 247.4 | 248.1 | 249.1 | 248.6 | 247.9 |
| 40°   | 194.8 | 193.8 | 193.4 | 193.8 | 195.3 | 194.6 | 195.3 | 194.8 | 194.8 | 193.4 | 193.4 |
| 42.5° | 153.8 | 152.5 | 151.7 | 151.0 | 151.0 | 149.5 | 148.5 | 147.5 | 146.9 | 145.8 | 145.6 |
| 45°   | 118.5 | 117.0 | 116.0 | 115.6 | 114.9 | 113.1 | 111.8 | 110.5 | 109.1 | 108.7 | 108.8 |
| 47.5° | 92.0  | 90.6  | 90.1  | 89.1  | 88.0  | 87.0  | 86.2  | 84.7  | 84.5  | 83.6  | 84.5  |
| 50°   | 71.0  | 70.5  | 69.8  | 69.5  | 68.8  | 68.0  | 67.1  | 66.4  | 65.9  | 65.9  | 66.1  |
| 52.5° | 55.0  | 55.3  | 54.7  | 54.0  | 53.6  | 53.6  | 52.6  | 52.4  | 52.4  | 51.6  | 52.4  |
| 55°   | 42.1  | 41.9  | 42.1  | 41.7  | 41.7  | 41.1  | 41.1  | 40.5  | 40.5  | 39.8  | 40.2  |
| 57.5° | 30.8  | 31.3  | 30.8  | 31.1  | 31.5  | 30.8  | 30.7  | 30.0  | 30.5  | 30.0  | 30.3  |
| 60°   | 24.0  | 24.0  | 24.0  | 23.8  | 23.8  | 23.5  | 23.5  | 23.3  | 23.3  | 23.0  | 23.3  |
| 62.5° | 17.7  | 17.9  | 17.9  | 17.9  | 18.2  | 17.9  | 17.7  | 17.9  | 17.7  | 17.7  | 17.9  |
| 65°   | 11.7  | 11.9  | 11.9  | 11.7  | 12.1  | 11.7  | 11.9  | 12.1  | 12.3  | 12.1  | 12.3  |
| 67.5° | 8.0   | 8.0   | 8.2   | 8.3   | 8.2   | 8.3   | 8.5   | 8.3   | 8.5   | 9.0   | 8.5   |
| 70°   | 5.8   | 6.1   | 6.1   | 5.8   | 5.6   | 5.8   | 5.6   | 6.3   | 6.3   | 6.3   | 6.7   |
| 72.5° | 3.7   | 3.7   | 3.6   | 3.6   | 3.6   | 3.6   | 3.6   | 4.1   | 3.7   | 3.6   | 3.9   |
| 75°   | 2.1   | 2.2   | 2.2   | 1.7   | 1.9   | 2.2   | 1.7   | 1.9   | 2.5   | 2.1   | 2.5   |
| 77.5° | 1.2   | 1.2   | 1.2   | 1.2   | 1.2   | 1.2   | 1.7   | 1.5   | 1.5   | 1.5   | 1.7   |
| 80°   | 1.0   | 0.8   | 0.8   | 0.7   | 0.8   | 0.8   | 0.8   | 1.2   | 1.0   | 1.0   | 1.2   |
| 82.5° | 0.4   | 0.4   | 0.2   | 0.0   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.8   |
| 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   | 0.4   | 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: P245952

CATALOG NUMBER: LD8B10D010 ER8B10930 8LBSW0B

**CANDELA DISTRIBUTION (continued):**

|       | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 |
| 2.5°  | 426.9 | 426.9 | 426.7 | 426.2 | 425.4 | 425.4 | 425.2 | 424.5 | 424.1 | 424.0 | 424.0 |
| 5°    | 424.7 | 424.0 | 423.1 | 420.8 | 420.8 | 420.4 | 419.1 | 418.2 | 417.9 | 416.8 | 416.5 |
| 7.5°  | 422.8 | 420.4 | 418.9 | 417.5 | 415.6 | 414.8 | 413.3 | 412.6 | 411.2 | 410.2 | 409.5 |
| 10°   | 418.2 | 416.6 | 414.8 | 412.4 | 411.0 | 409.3 | 407.6 | 406.4 | 404.6 | 403.4 | 402.7 |
| 12.5° | 415.1 | 412.6 | 411.0 | 408.5 | 406.0 | 404.6 | 402.2 | 400.8 | 398.9 | 396.8 | 395.5 |
| 15°   | 412.2 | 409.5 | 407.3 | 404.6 | 401.8 | 400.1 | 397.4 | 395.7 | 393.0 | 391.0 | 389.5 |
| 17.5° | 407.8 | 405.6 | 403.0 | 399.7 | 397.2 | 395.2 | 392.2 | 390.1 | 387.6 | 385.0 | 383.5 |
| 20°   | 403.2 | 400.5 | 398.1 | 394.7 | 392.2 | 389.7 | 386.7 | 384.5 | 381.6 | 379.0 | 377.4 |
| 22.5° | 397.2 | 394.0 | 392.0 | 388.7 | 385.7 | 383.0 | 380.4 | 377.6 | 374.9 | 372.8 | 370.9 |
| 25°   | 388.4 | 385.1 | 382.8 | 380.1 | 377.4 | 375.3 | 371.9 | 370.3 | 367.6 | 365.7 | 363.9 |
| 27.5° | 376.0 | 373.4 | 371.4 | 368.6 | 366.3 | 364.7 | 362.2 | 360.5 | 358.2 | 356.5 | 355.0 |
| 30°   | 357.6 | 355.5 | 353.6 | 350.9 | 349.2 | 347.7 | 345.5 | 344.0 | 342.4 | 340.4 | 340.0 |
| 32.5° | 332.9 | 331.3 | 329.5 | 327.6 | 326.3 | 325.4 | 323.5 | 322.7 | 321.1 | 320.0 | 318.9 |
| 35°   | 295.8 | 294.4 | 293.4 | 292.5 | 292.0 | 292.2 | 291.9 | 292.7 | 293.1 | 292.9 | 293.1 |
| 37.5° | 247.2 | 246.4 | 246.8 | 247.4 | 249.5 | 252.2 | 254.7 | 258.5 | 261.0 | 263.4 | 265.8 |
| 40°   | 192.9 | 193.6 | 195.3 | 199.0 | 204.5 | 210.5 | 216.1 | 223.2 | 230.4 | 235.3 | 239.9 |
| 42.5° | 145.6 | 147.5 | 151.7 | 157.1 | 165.2 | 174.2 | 182.9 | 193.4 | 201.9 | 210.3 | 216.1 |
| 45°   | 109.5 | 112.0 | 117.5 | 125.0 | 134.0 | 144.4 | 155.4 | 167.1 | 177.3 | 185.9 | 192.4 |
| 47.5° | 85.3  | 87.7  | 93.0  | 101.0 | 112.0 | 122.9 | 134.3 | 146.4 | 157.1 | 165.5 | 171.1 |
| 50°   | 67.4  | 70.3  | 75.1  | 83.4  | 94.5  | 105.9 | 117.8 | 129.8 | 139.8 | 146.9 | 151.9 |
| 52.5° | 53.0  | 55.7  | 60.3  | 69.1  | 80.4  | 91.8  | 102.8 | 114.6 | 123.3 | 130.1 | 133.5 |
| 55°   | 41.1  | 43.6  | 48.4  | 55.7  | 66.4  | 77.6  | 88.7  | 98.6  | 106.8 | 111.8 | 114.9 |
| 57.5° | 31.3  | 33.2  | 36.5  | 43.8  | 53.4  | 63.8  | 73.2  | 83.3  | 89.5  | 93.0  | 95.2  |
| 60°   | 23.8  | 25.2  | 28.8  | 34.4  | 43.2  | 52.1  | 60.1  | 67.6  | 72.6  | 75.6  | 77.6  |
| 62.5° | 17.9  | 19.6  | 22.1  | 26.9  | 33.6  | 40.9  | 47.5  | 53.2  | 57.4  | 59.3  | 60.8  |
| 65°   | 12.3  | 13.6  | 15.5  | 19.2  | 24.8  | 30.0  | 35.3  | 39.5  | 42.1  | 44.3  | 45.1  |
| 67.5° | 9.2   | 10.0  | 11.1  | 14.0  | 17.9  | 22.1  | 25.7  | 28.6  | 31.5  | 32.3  | 33.9  |
| 70°   | 6.8   | 7.5   | 8.5   | 10.6  | 12.9  | 15.8  | 18.8  | 20.4  | 22.5  | 24.0  | 24.4  |
| 72.5° | 4.4   | 4.6   | 5.6   | 6.8   | 8.7   | 10.6  | 12.6  | 14.0  | 15.2  | 16.0  | 16.5  |
| 75°   | 2.5   | 3.7   | 3.7   | 5.0   | 6.3   | 7.1   | 8.3   | 9.4   | 10.0  | 10.6  | 10.6  |
| 77.5° | 1.7   | 2.2   | 2.5   | 3.1   | 3.7   | 4.8   | 5.8   | 6.5   | 7.1   | 7.3   | 7.3   |
| 80°   | 1.5   | 1.7   | 1.7   | 2.2   | 2.7   | 3.6   | 4.1   | 4.4   | 4.8   | 5.0   | 5.4   |
| 82.5° | 0.7   | 0.8   | 1.0   | 1.7   | 1.9   | 1.9   | 2.5   | 2.7   | 3.1   | 3.4   | 3.4   |
| 85°   | 0.2   | 0.4   | 0.4   | 0.7   | 1.0   | 1.2   | 1.5   | 1.7   | 1.9   | 1.9   | 2.1   |
| 87.5° | 0.2   | 0.2   | 0.0   | 0.2   | 0.4   | 0.4   | 0.8   | 0.8   | 0.8   | 1.2   | 1.2   |
| 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: P245952

CATALOG NUMBER: LD8B10D010 ER8B10930 8LBSW0B

**CANDELA DISTRIBUTION (continued):**

|       | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 | 427.2 |
| 2.5°  | 423.5 | 423.7 | 422.8 | 422.6 | 422.3 | 422.5 | 422.8 |
| 5°    | 415.8 | 416.0 | 415.1 | 414.3 | 414.3 | 414.1 | 414.3 |
| 7.5°  | 408.5 | 408.7 | 407.5 | 407.0 | 406.1 | 406.4 | 406.4 |
| 10°   | 401.2 | 401.2 | 399.3 | 399.1 | 398.5 | 398.3 | 398.3 |
| 12.5° | 394.0 | 393.5 | 392.0 | 391.1 | 391.6 | 390.3 | 390.3 |
| 15°   | 387.9 | 386.7 | 385.0 | 384.3 | 383.3 | 382.8 | 382.8 |
| 17.5° | 381.4 | 380.5 | 378.9 | 377.6 | 376.3 | 376.1 | 376.3 |
| 20°   | 375.1 | 374.3 | 372.2 | 371.4 | 370.3 | 370.3 | 369.9 |
| 22.5° | 368.8 | 368.0 | 366.1 | 365.6 | 364.0 | 364.0 | 364.2 |
| 25°   | 362.4 | 361.7 | 359.6 | 359.3 | 359.1 | 358.2 | 358.6 |
| 27.5° | 353.6 | 353.2 | 351.5 | 350.9 | 350.1 | 349.9 | 350.3 |
| 30°   | 337.5 | 337.0 | 335.6 | 335.1 | 333.6 | 333.8 | 334.2 |
| 32.5° | 317.5 | 316.7 | 315.0 | 314.4 | 313.1 | 312.8 | 312.9 |
| 35°   | 292.5 | 291.9 | 290.5 | 290.5 | 289.1 | 288.8 | 289.1 |
| 37.5° | 267.0 | 267.7 | 267.0 | 267.7 | 267.0 | 266.8 | 267.0 |
| 40°   | 243.0 | 245.4 | 245.7 | 248.1 | 247.2 | 248.4 | 248.3 |
| 42.5° | 220.1 | 223.9 | 225.3 | 227.2 | 226.8 | 227.6 | 228.2 |
| 45°   | 197.0 | 200.1 | 201.6 | 202.8 | 203.0 | 203.5 | 203.6 |
| 47.5° | 175.0 | 177.6 | 177.8 | 179.2 | 179.0 | 179.0 | 179.6 |
| 50°   | 154.6 | 156.3 | 156.7 | 157.7 | 156.8 | 156.5 | 156.7 |
| 52.5° | 135.6 | 137.3 | 136.9 | 137.3 | 136.2 | 135.9 | 136.0 |
| 55°   | 116.2 | 117.0 | 117.0 | 117.0 | 115.8 | 115.8 | 115.8 |
| 57.5° | 96.4  | 96.6  | 96.2  | 96.4  | 96.2  | 94.9  | 94.7  |
| 60°   | 78.2  | 78.2  | 78.0  | 78.2  | 77.6  | 77.0  | 77.0  |
| 62.5° | 61.1  | 61.5  | 62.3  | 61.5  | 61.1  | 61.5  | 60.9  |
| 65°   | 45.7  | 46.5  | 46.3  | 46.7  | 46.5  | 46.5  | 46.1  |
| 67.5° | 34.4  | 34.6  | 34.9  | 35.1  | 35.1  | 35.1  | 35.1  |
| 70°   | 25.2  | 25.9  | 25.7  | 25.7  | 25.7  | 25.7  | 26.9  |
| 72.5° | 16.9  | 17.7  | 17.5  | 17.9  | 17.9  | 18.4  | 17.9  |
| 75°   | 11.4  | 12.3  | 11.9  | 12.6  | 12.3  | 11.9  | 12.9  |
| 77.5° | 7.7   | 8.2   | 8.3   | 8.5   | 8.3   | 8.2   | 8.3   |
| 80°   | 5.4   | 5.8   | 5.6   | 5.8   | 5.8   | 5.8   | 6.1   |
| 82.5° | 3.4   | 3.9   | 3.7   | 3.9   | 3.7   | 3.9   | 3.9   |
| 85°   | 2.2   | 2.5   | 2.1   | 2.5   | 2.2   | 2.2   | 2.7   |
| 87.5° | 1.5   | 1.2   | 1.2   | 1.5   | 1.2   | 1.5   | 1.2   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)