

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: P245874

Luminaire Tested: **LD8B10D010 ER8B109727 8LBSW0GPH**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P245874  
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 ER8B109727 8LBSW0GPH  
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF  
RECESSED DOWNLIGHT  
97 CRI 2700 CCT WITH GRAPHITE TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 735.0 lumens  
Efficiency: N/A  
Efficacy: 72.1 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

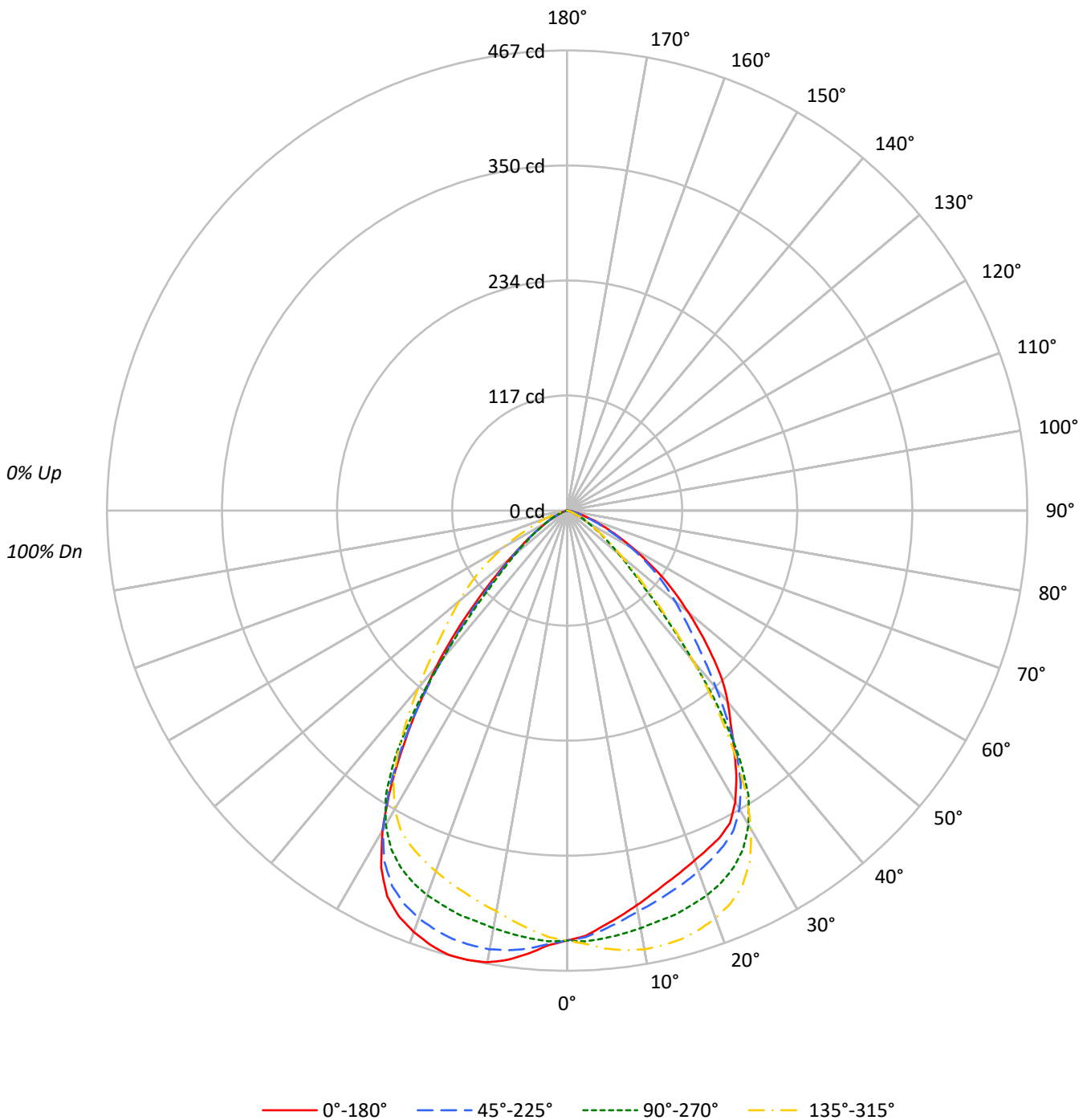
Input Watts (W): 10.2  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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°  | 13454 | 13454 | 13454 | 13454 |
| 5°  | 13097 | 13487 | 13970 | 13487 |
| 10° | 12735 | 13470 | 14576 | 13470 |
| 15° | 12482 | 13549 | 14896 | 13549 |
| 20° | 12398 | 13628 | 14934 | 13628 |
| 25° | 12460 | 13599 | 14695 | 13599 |
| 30° | 12153 | 13103 | 13338 | 13103 |
| 35° | 11116 | 11429 | 10845 | 11429 |
| 40° | 10204 | 7950  | 8300  | 7950  |
| 45° | 9066  | 4849  | 5612  | 4849  |
| 50° | 7676  | 3238  | 3598  | 3238  |
| 55° | 6360  | 2210  | 2339  | 2210  |
| 60° | 4847  | 1474  | 1486  | 1474  |
| 65° | 3437  | 919   | 839   | 919   |
| 70° | 2479  | 613   | 559   | 613   |
| 75° | 1573  | 310   | 250   | 310   |
| 80° | 1101  | 231   | 195   | 231   |
| 85° | 991   | 0     | 71    | 0     |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 41.5   | 5.7       |
| 10°-20°   | 120.3  | 16.4      |
| 20°-30°   | 182.1  | 24.8      |
| 30°-40°   | 182.5  | 24.8      |
| 40°-50°   | 114.6  | 15.6      |
| 50°-60°   | 61.1   | 8.3       |
| 60°-70°   | 25.1   | 3.4       |
| 70°-80°   | 6.6    | 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°    | 343.9  | 46.8      |
| 0°-40°    | 526.4  | 71.6      |
| 0°-60°    | 702.1  | 95.5      |
| 0°-90°    | 735.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 735.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | 90° | 180° | 270° | 360° | Flux |
|-----|-----|-----|------|------|------|------|
| 0°  | 436 | 436 | 436  | 436  | 436  |      |
| 5°  | 423 | 436 | 451  | 436  | 423  | 40   |
| 15° | 391 | 424 | 467  | 424  | 391  | 111  |
| 25° | 366 | 400 | 432  | 400  | 366  | 168  |
| 35° | 295 | 304 | 288  | 304  | 295  | 185  |
| 45° | 208 | 111 | 129  | 111  | 208  | 160  |
| 55° | 118 | 41  | 44   | 41   | 118  | 105  |
| 65° | 47  | 13  | 12   | 13   | 47   | 49   |
| 75° | 13  | 3   | 2    | 3    | 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°    | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 |
| 2.5°  | 431.9 | 431.4 | 431.2 | 431.7 | 431.9 | 432.7 | 432.5 | 432.9 | 432.9 | 433.2 | 433.6 |
| 5°    | 423.1 | 422.9 | 423.1 | 423.1 | 424.0 | 424.8 | 424.6 | 425.3 | 425.7 | 426.8 | 427.2 |
| 7.5°  | 415.0 | 415.0 | 414.8 | 415.7 | 416.1 | 417.4 | 417.2 | 418.2 | 418.9 | 419.9 | 421.4 |
| 10°   | 406.7 | 406.7 | 406.9 | 407.6 | 407.8 | 409.7 | 409.7 | 411.2 | 412.1 | 413.1 | 415.0 |
| 12.5° | 398.6 | 398.6 | 399.9 | 399.5 | 400.3 | 401.8 | 402.5 | 404.0 | 405.2 | 407.4 | 409.3 |
| 15°   | 391.0 | 391.0 | 391.4 | 392.5 | 393.1 | 395.0 | 396.1 | 397.8 | 399.3 | 401.4 | 404.2 |
| 17.5° | 384.4 | 384.1 | 384.4 | 385.6 | 386.9 | 388.6 | 389.5 | 391.6 | 393.1 | 395.9 | 398.4 |
| 20°   | 377.8 | 378.2 | 378.2 | 379.2 | 380.1 | 382.2 | 383.1 | 385.4 | 387.1 | 389.7 | 392.7 |
| 22.5° | 372.0 | 371.8 | 371.8 | 373.3 | 373.9 | 375.8 | 376.7 | 378.8 | 380.7 | 382.9 | 385.6 |
| 25°   | 366.2 | 365.8 | 366.7 | 366.9 | 367.3 | 369.4 | 370.1 | 371.6 | 373.5 | 375.4 | 378.2 |
| 27.5° | 357.7 | 357.3 | 357.5 | 358.4 | 359.0 | 360.7 | 361.1 | 362.6 | 364.1 | 365.8 | 368.2 |
| 30°   | 341.3 | 340.9 | 340.7 | 342.2 | 342.8 | 344.1 | 344.7 | 347.3 | 347.7 | 349.6 | 351.3 |
| 32.5° | 319.6 | 319.4 | 319.8 | 321.1 | 321.7 | 323.4 | 324.3 | 325.8 | 326.8 | 327.9 | 329.6 |
| 35°   | 295.3 | 294.9 | 295.3 | 296.6 | 296.6 | 298.1 | 298.7 | 299.3 | 299.1 | 299.3 | 298.9 |
| 37.5° | 272.7 | 272.5 | 272.7 | 273.4 | 272.7 | 273.4 | 272.7 | 271.4 | 269.1 | 266.5 | 264.0 |
| 40°   | 253.5 | 253.8 | 252.5 | 253.3 | 251.0 | 250.6 | 248.2 | 245.0 | 240.3 | 235.2 | 228.0 |
| 42.5° | 233.1 | 232.5 | 231.6 | 232.0 | 230.1 | 228.6 | 224.8 | 220.7 | 214.8 | 206.2 | 197.5 |
| 45°   | 207.9 | 207.7 | 207.3 | 207.1 | 205.8 | 204.3 | 201.1 | 196.4 | 189.8 | 181.1 | 170.7 |
| 47.5° | 183.4 | 182.8 | 182.8 | 183.0 | 181.5 | 181.3 | 178.8 | 174.7 | 169.0 | 160.4 | 149.6 |
| 50°   | 160.0 | 159.8 | 160.2 | 161.1 | 160.0 | 159.6 | 157.9 | 155.1 | 150.0 | 142.8 | 132.5 |
| 52.5° | 138.9 | 138.7 | 139.1 | 140.2 | 139.8 | 140.2 | 138.5 | 136.4 | 132.9 | 125.9 | 117.0 |
| 55°   | 118.3 | 118.3 | 118.3 | 119.5 | 119.5 | 119.5 | 118.7 | 117.4 | 114.2 | 109.1 | 100.8 |
| 57.5° | 96.7  | 96.9  | 98.2  | 98.4  | 98.2  | 98.7  | 98.4  | 97.2  | 95.0  | 91.4  | 85.0  |
| 60°   | 78.6  | 78.6  | 79.3  | 79.9  | 79.7  | 79.9  | 79.9  | 79.3  | 77.1  | 74.1  | 69.0  |
| 62.5° | 62.2  | 62.9  | 62.4  | 62.9  | 63.7  | 62.9  | 62.4  | 62.0  | 60.5  | 58.6  | 54.3  |
| 65°   | 47.1  | 47.5  | 47.5  | 47.7  | 47.3  | 47.5  | 46.7  | 46.0  | 45.2  | 43.0  | 40.3  |
| 67.5° | 35.8  | 35.8  | 35.8  | 35.8  | 35.6  | 35.4  | 35.2  | 34.5  | 33.0  | 32.2  | 29.2  |
| 70°   | 27.5  | 26.2  | 26.2  | 26.2  | 26.2  | 26.4  | 25.8  | 24.9  | 24.5  | 23.0  | 20.9  |
| 72.5° | 18.3  | 18.7  | 18.3  | 18.3  | 17.9  | 18.1  | 17.3  | 16.8  | 16.4  | 15.6  | 14.3  |
| 75°   | 13.2  | 12.1  | 12.6  | 12.8  | 12.1  | 12.6  | 11.7  | 10.9  | 10.9  | 10.2  | 9.6   |
| 77.5° | 8.5   | 8.3   | 8.5   | 8.7   | 8.5   | 8.3   | 7.9   | 7.5   | 7.5   | 7.2   | 6.6   |
| 80°   | 6.2   | 6.0   | 6.0   | 6.0   | 5.8   | 6.0   | 5.5   | 5.5   | 5.1   | 4.9   | 4.5   |
| 82.5° | 4.1   | 4.1   | 3.8   | 4.1   | 3.8   | 4.1   | 3.4   | 3.4   | 3.4   | 3.2   | 2.8   |
| 85°   | 2.8   | 2.3   | 2.3   | 2.6   | 2.1   | 2.6   | 2.3   | 2.1   | 1.9   | 1.9   | 1.7   |
| 87.5° | 1.3   | 1.5   | 1.3   | 1.5   | 1.3   | 1.3   | 1.5   | 1.3   | 1.3   | 0.9   | 0.9   |
| 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°    | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 |
| 2.5°  | 434.2 | 434.4 | 434.4 | 435.3 | 435.7 | 435.9 | 435.9 | 437.6 | 437.0 | 437.4 | 437.8 |
| 5°    | 428.0 | 429.3 | 429.7 | 429.7 | 432.1 | 432.9 | 433.8 | 435.7 | 435.9 | 437.2 | 438.7 |
| 7.5°  | 422.1 | 423.6 | 424.4 | 426.3 | 427.8 | 429.3 | 431.9 | 433.2 | 434.4 | 436.1 | 438.0 |
| 10°   | 416.3 | 418.0 | 419.7 | 421.2 | 423.6 | 425.5 | 427.2 | 430.2 | 431.7 | 434.0 | 436.6 |
| 12.5° | 410.8 | 413.1 | 414.6 | 417.2 | 419.7 | 421.4 | 424.0 | 426.8 | 429.1 | 431.4 | 434.4 |
| 15°   | 405.9 | 408.7 | 410.4 | 413.1 | 415.9 | 418.2 | 421.0 | 424.4 | 426.1 | 428.9 | 431.7 |
| 17.5° | 400.5 | 403.5 | 405.7 | 408.2 | 411.6 | 414.2 | 416.5 | 419.9 | 422.1 | 425.1 | 428.3 |
| 20°   | 395.0 | 398.0 | 400.5 | 403.1 | 406.5 | 409.1 | 411.8 | 415.3 | 417.6 | 420.6 | 423.1 |
| 22.5° | 388.4 | 391.2 | 393.9 | 396.9 | 400.3 | 402.5 | 405.7 | 408.7 | 411.2 | 414.0 | 416.5 |
| 25°   | 379.9 | 383.3 | 385.4 | 388.2 | 391.0 | 393.3 | 396.7 | 399.7 | 401.8 | 404.4 | 406.7 |
| 27.5° | 369.9 | 372.4 | 374.1 | 376.5 | 379.2 | 381.4 | 383.9 | 386.9 | 389.1 | 391.4 | 393.1 |
| 30°   | 352.8 | 355.2 | 356.7 | 358.4 | 361.1 | 363.1 | 365.2 | 368.0 | 369.4 | 371.2 | 372.6 |
| 32.5° | 330.5 | 332.4 | 333.2 | 334.5 | 336.4 | 338.3 | 340.0 | 342.4 | 343.0 | 344.1 | 344.1 |
| 35°   | 298.1 | 298.5 | 298.3 | 298.7 | 299.6 | 300.6 | 302.1 | 303.6 | 304.5 | 304.5 | 303.8 |
| 37.5° | 260.1 | 257.6 | 254.8 | 252.7 | 252.1 | 251.6 | 252.5 | 253.1 | 254.0 | 254.4 | 253.3 |
| 40°   | 220.7 | 215.0 | 208.8 | 203.3 | 199.4 | 197.7 | 197.1 | 197.5 | 197.5 | 199.0 | 199.0 |
| 42.5° | 186.9 | 177.9 | 168.7 | 160.4 | 154.9 | 150.6 | 148.7 | 148.7 | 148.9 | 150.0 | 150.6 |
| 45°   | 158.7 | 147.4 | 136.8 | 127.6 | 120.0 | 114.4 | 111.9 | 111.2 | 111.0 | 111.4 | 112.9 |
| 47.5° | 137.2 | 125.5 | 114.4 | 103.1 | 95.0  | 89.5  | 87.1  | 86.3  | 85.4  | 86.3  | 86.5  |
| 50°   | 120.4 | 108.2 | 96.5  | 85.2  | 76.7  | 71.8  | 68.8  | 67.5  | 67.3  | 67.3  | 67.8  |
| 52.5° | 105.0 | 93.7  | 82.0  | 70.5  | 61.6  | 56.9  | 54.1  | 53.5  | 52.6  | 53.5  | 53.5  |
| 55°   | 90.5  | 79.3  | 67.8  | 56.9  | 49.4  | 44.5  | 42.0  | 41.1  | 40.7  | 41.3  | 41.3  |
| 57.5° | 74.8  | 65.2  | 54.5  | 44.7  | 37.3  | 33.9  | 32.0  | 30.9  | 30.7  | 31.1  | 30.7  |
| 60°   | 61.4  | 53.3  | 44.1  | 35.2  | 29.4  | 25.8  | 24.3  | 23.9  | 23.4  | 23.9  | 23.9  |
| 62.5° | 48.6  | 41.8  | 34.3  | 27.5  | 22.6  | 20.0  | 18.3  | 18.3  | 18.1  | 18.1  | 18.3  |
| 65°   | 36.0  | 30.7  | 25.4  | 19.6  | 15.8  | 13.8  | 12.6  | 12.6  | 12.4  | 12.6  | 12.4  |
| 67.5° | 26.2  | 22.6  | 18.3  | 14.3  | 11.3  | 10.2  | 9.4   | 8.7   | 9.2   | 8.7   | 8.5   |
| 70°   | 19.2  | 16.2  | 13.2  | 10.9  | 8.7   | 7.7   | 7.0   | 6.8   | 6.4   | 6.4   | 6.4   |
| 72.5° | 12.8  | 10.9  | 8.9   | 7.0   | 5.8   | 4.7   | 4.5   | 4.1   | 3.6   | 3.8   | 4.3   |
| 75°   | 8.5   | 7.2   | 6.4   | 5.1   | 3.8   | 3.8   | 2.6   | 2.6   | 2.1   | 2.6   | 1.9   |
| 77.5° | 6.0   | 4.9   | 3.8   | 3.2   | 2.6   | 2.3   | 1.7   | 1.7   | 1.5   | 1.5   | 1.5   |
| 80°   | 4.3   | 3.6   | 2.8   | 2.3   | 1.7   | 1.7   | 1.5   | 1.3   | 1.1   | 1.1   | 1.3   |
| 82.5° | 2.6   | 1.9   | 1.9   | 1.7   | 1.1   | 0.9   | 0.6   | 0.9   | 0.4   | 0.4   | 0.4   |
| 85°   | 1.5   | 1.3   | 1.1   | 0.6   | 0.4   | 0.4   | 0.2   | 0.0   | 0.2   | 0.2   | 0.0   |
| 87.5° | 0.9   | 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°    | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 |
| 2.5°  | 438.9 | 438.7 | 439.1 | 439.1 | 440.4 | 440.2 | 440.8 | 440.8 | 440.4 | 440.6 | 441.5 |
| 5°    | 440.4 | 441.0 | 442.3 | 443.4 | 445.3 | 446.2 | 447.2 | 448.3 | 448.5 | 449.1 | 449.8 |
| 7.5°  | 440.4 | 442.5 | 444.0 | 445.9 | 448.5 | 450.0 | 452.3 | 454.2 | 455.1 | 456.2 | 457.4 |
| 10°   | 439.5 | 441.7 | 444.4 | 446.6 | 449.8 | 452.1 | 454.5 | 457.4 | 458.7 | 460.4 | 462.1 |
| 12.5° | 437.8 | 440.2 | 443.2 | 445.9 | 449.6 | 451.7 | 454.7 | 457.4 | 459.4 | 461.7 | 463.6 |
| 15°   | 435.3 | 438.0 | 440.8 | 443.6 | 447.4 | 450.0 | 452.8 | 455.9 | 457.9 | 460.4 | 462.1 |
| 17.5° | 431.2 | 434.2 | 436.8 | 439.3 | 442.9 | 445.9 | 448.5 | 451.5 | 453.4 | 455.5 | 457.9 |
| 20°   | 426.3 | 429.1 | 431.9 | 434.0 | 437.6 | 440.2 | 442.9 | 445.7 | 447.2 | 447.6 | 451.3 |
| 22.5° | 420.2 | 422.1 | 424.2 | 427.6 | 429.7 | 432.1 | 434.6 | 437.2 | 438.7 | 441.0 | 442.3 |
| 25°   | 409.9 | 411.8 | 414.2 | 415.7 | 418.2 | 420.2 | 422.7 | 425.5 | 426.3 | 428.0 | 429.3 |
| 27.5° | 395.7 | 396.7 | 397.8 | 399.1 | 400.5 | 401.6 | 403.1 | 404.4 | 405.2 | 406.1 | 406.9 |
| 30°   | 373.1 | 373.1 | 373.1 | 372.2 | 372.9 | 373.5 | 373.7 | 373.5 | 373.5 | 373.3 | 373.3 |
| 32.5° | 343.2 | 341.5 | 339.6 | 337.9 | 337.3 | 336.4 | 336.0 | 335.4 | 334.3 | 333.7 | 333.9 |
| 35°   | 303.0 | 299.1 | 296.8 | 294.7 | 293.0 | 291.7 | 291.0 | 290.4 | 290.2 | 289.3 | 288.5 |
| 37.5° | 252.7 | 249.9 | 248.2 | 246.9 | 245.4 | 244.2 | 244.4 | 244.6 | 245.2 | 244.8 | 245.0 |
| 40°   | 199.4 | 198.8 | 199.4 | 197.9 | 197.5 | 197.9 | 199.0 | 200.5 | 201.3 | 202.2 | 203.7 |
| 42.5° | 151.7 | 152.8 | 154.3 | 154.3 | 154.9 | 155.8 | 157.0 | 159.4 | 160.6 | 162.1 | 163.8 |
| 45°   | 114.2 | 115.5 | 117.4 | 118.0 | 118.5 | 119.5 | 121.0 | 122.9 | 123.8 | 125.1 | 126.6 |
| 47.5° | 88.0  | 88.8  | 89.9  | 91.0  | 92.0  | 92.5  | 94.0  | 94.0  | 95.0  | 95.9  | 96.3  |
| 50°   | 68.6  | 69.5  | 70.3  | 70.9  | 71.4  | 72.0  | 72.4  | 73.1  | 73.3  | 73.7  | 73.9  |
| 52.5° | 53.7  | 54.8  | 54.8  | 55.2  | 55.8  | 56.5  | 56.2  | 56.5  | 56.7  | 56.7  | 57.3  |
| 55°   | 42.0  | 42.0  | 42.6  | 42.6  | 43.0  | 42.8  | 43.0  | 43.0  | 43.0  | 43.0  | 43.3  |
| 57.5° | 31.3  | 31.5  | 32.2  | 31.7  | 31.5  | 32.0  | 31.5  | 32.0  | 31.7  | 32.2  | 31.5  |
| 60°   | 24.1  | 24.1  | 24.3  | 24.3  | 24.5  | 24.5  | 24.5  | 24.3  | 24.3  | 24.1  | 24.1  |
| 62.5° | 18.1  | 18.3  | 18.5  | 18.3  | 18.3  | 18.3  | 18.1  | 18.1  | 17.9  | 17.7  | 17.7  |
| 65°   | 12.1  | 11.9  | 12.4  | 11.9  | 12.1  | 12.1  | 11.9  | 12.1  | 11.5  | 11.7  | 11.5  |
| 67.5° | 8.7   | 8.5   | 8.3   | 8.5   | 8.3   | 8.1   | 8.1   | 8.3   | 8.5   | 7.9   | 7.9   |
| 70°   | 5.8   | 6.0   | 5.8   | 6.0   | 6.2   | 6.2   | 6.0   | 5.8   | 6.0   | 5.5   | 5.8   |
| 72.5° | 3.6   | 3.6   | 3.6   | 3.6   | 3.6   | 3.8   | 3.8   | 3.8   | 3.4   | 3.4   | 3.2   |
| 75°   | 1.7   | 2.3   | 1.9   | 1.7   | 2.3   | 2.3   | 2.1   | 2.1   | 1.9   | 1.9   | 1.9   |
| 77.5° | 1.7   | 1.3   | 1.3   | 1.3   | 1.3   | 1.3   | 1.3   | 1.3   | 1.1   | 1.3   | 1.1   |
| 80°   | 0.9   | 0.9   | 0.9   | 0.6   | 0.9   | 0.9   | 1.1   | 0.9   | 0.9   | 0.6   | 1.1   |
| 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: P245874

CATALOG NUMBER: LD8B10D010 ER8B109727 8LBSW0GPH

**CANDELA DISTRIBUTION (continued):**

|       | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 |
| 2.5°  | 441.2 | 441.0 | 441.2 | 441.5 | 441.2 | 441.0 | 441.2 | 441.5 | 440.6 | 440.4 | 440.8 |
| 5°    | 450.6 | 450.6 | 451.0 | 451.3 | 451.0 | 450.6 | 450.6 | 449.8 | 449.1 | 448.5 | 448.3 |
| 7.5°  | 458.7 | 459.1 | 459.6 | 459.8 | 459.6 | 459.1 | 458.7 | 457.4 | 456.2 | 455.1 | 454.2 |
| 10°   | 463.6 | 464.3 | 465.1 | 465.5 | 465.1 | 464.3 | 463.6 | 462.1 | 460.4 | 458.7 | 457.4 |
| 12.5° | 465.8 | 466.4 | 467.5 | 467.2 | 467.5 | 466.4 | 465.8 | 463.6 | 461.7 | 459.4 | 457.4 |
| 15°   | 464.3 | 465.1 | 466.2 | 466.6 | 466.2 | 465.1 | 464.3 | 462.1 | 460.4 | 457.9 | 455.9 |
| 17.5° | 459.6 | 460.8 | 461.5 | 462.1 | 461.5 | 460.8 | 459.6 | 457.9 | 455.5 | 453.4 | 451.5 |
| 20°   | 453.2 | 454.0 | 454.9 | 455.1 | 454.9 | 454.0 | 453.2 | 451.3 | 447.6 | 447.2 | 445.7 |
| 22.5° | 444.0 | 444.7 | 446.6 | 445.9 | 446.6 | 444.7 | 444.0 | 442.3 | 441.0 | 438.7 | 437.2 |
| 25°   | 430.8 | 431.4 | 431.7 | 431.9 | 431.7 | 431.4 | 430.8 | 429.3 | 428.0 | 426.3 | 425.5 |
| 27.5° | 408.0 | 408.0 | 408.4 | 408.7 | 408.4 | 408.0 | 408.0 | 406.9 | 406.1 | 405.2 | 404.4 |
| 30°   | 373.5 | 373.5 | 373.5 | 374.6 | 373.5 | 373.5 | 373.5 | 373.3 | 373.3 | 373.5 | 373.5 |
| 32.5° | 333.7 | 333.2 | 332.8 | 333.2 | 332.8 | 333.2 | 333.7 | 333.9 | 333.7 | 334.3 | 335.4 |
| 35°   | 288.5 | 288.3 | 288.9 | 288.1 | 288.9 | 288.3 | 288.5 | 288.5 | 289.3 | 290.2 | 290.4 |
| 37.5° | 245.2 | 244.8 | 245.7 | 244.8 | 245.7 | 244.8 | 245.2 | 245.0 | 244.8 | 245.2 | 244.6 |
| 40°   | 204.1 | 204.5 | 204.5 | 206.2 | 204.5 | 204.5 | 204.1 | 203.7 | 202.2 | 201.3 | 200.5 |
| 42.5° | 164.7 | 166.0 | 165.5 | 166.8 | 165.5 | 166.0 | 164.7 | 163.8 | 162.1 | 160.6 | 159.4 |
| 45°   | 127.4 | 128.3 | 128.3 | 128.7 | 128.3 | 128.3 | 127.4 | 126.6 | 125.1 | 123.8 | 122.9 |
| 47.5° | 97.8  | 97.8  | 97.8  | 98.0  | 97.8  | 97.8  | 97.8  | 96.3  | 95.9  | 95.0  | 94.0  |
| 50°   | 74.4  | 74.6  | 74.8  | 75.0  | 74.8  | 74.6  | 74.4  | 73.9  | 73.7  | 73.3  | 73.1  |
| 52.5° | 57.1  | 57.3  | 56.9  | 57.3  | 56.9  | 57.3  | 57.1  | 57.3  | 56.7  | 56.7  | 56.5  |
| 55°   | 43.3  | 43.0  | 43.3  | 43.5  | 43.3  | 43.0  | 43.3  | 43.3  | 43.0  | 43.0  | 43.0  |
| 57.5° | 31.7  | 31.3  | 31.3  | 31.3  | 31.3  | 31.3  | 31.7  | 31.5  | 32.2  | 31.7  | 32.0  |
| 60°   | 23.7  | 23.9  | 23.9  | 24.1  | 23.9  | 23.9  | 23.7  | 24.1  | 24.1  | 24.3  | 24.3  |
| 62.5° | 17.5  | 18.1  | 17.7  | 18.1  | 17.7  | 18.1  | 17.5  | 17.7  | 17.7  | 17.9  | 18.1  |
| 65°   | 11.3  | 11.3  | 11.3  | 11.5  | 11.3  | 11.3  | 11.3  | 11.5  | 11.7  | 11.5  | 12.1  |
| 67.5° | 7.7   | 7.9   | 8.3   | 8.1   | 8.3   | 7.9   | 7.7   | 7.9   | 7.9   | 8.5   | 8.3   |
| 70°   | 6.2   | 5.5   | 5.5   | 6.2   | 5.5   | 5.5   | 6.2   | 5.8   | 5.5   | 6.0   | 5.8   |
| 72.5° | 3.6   | 3.2   | 3.6   | 3.6   | 3.6   | 3.2   | 3.6   | 3.2   | 3.4   | 3.4   | 3.8   |
| 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° | 1.3   | 1.1   | 1.5   | 1.5   | 1.5   | 1.1   | 1.3   | 1.1   | 1.3   | 1.1   | 1.3   |
| 80°   | 0.6   | 0.9   | 0.6   | 1.1   | 0.6   | 0.9   | 0.6   | 1.1   | 0.6   | 0.9   | 0.9   |
| 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: P245874

CATALOG NUMBER: LD8B10D010 ER8B109727 8LBSW0GPH

**CANDELA DISTRIBUTION (continued):**

|       | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 |
| 2.5°  | 440.8 | 440.2 | 440.4 | 439.1 | 439.1 | 438.7 | 438.9 | 437.8 | 437.4 | 437.0 | 437.6 |
| 5°    | 447.2 | 446.2 | 445.3 | 443.4 | 442.3 | 441.0 | 440.4 | 438.7 | 437.2 | 435.9 | 435.7 |
| 7.5°  | 452.3 | 450.0 | 448.5 | 445.9 | 444.0 | 442.5 | 440.4 | 438.0 | 436.1 | 434.4 | 433.2 |
| 10°   | 454.5 | 452.1 | 449.8 | 446.6 | 444.4 | 441.7 | 439.5 | 436.6 | 434.0 | 431.7 | 430.2 |
| 12.5° | 454.7 | 451.7 | 449.6 | 445.9 | 443.2 | 440.2 | 437.8 | 434.4 | 431.4 | 429.1 | 426.8 |
| 15°   | 452.8 | 450.0 | 447.4 | 443.6 | 440.8 | 438.0 | 435.3 | 431.7 | 428.9 | 426.1 | 424.4 |
| 17.5° | 448.5 | 445.9 | 442.9 | 439.3 | 436.8 | 434.2 | 431.2 | 428.3 | 425.1 | 422.1 | 419.9 |
| 20°   | 442.9 | 440.2 | 437.6 | 434.0 | 431.9 | 429.1 | 426.3 | 423.1 | 420.6 | 417.6 | 415.3 |
| 22.5° | 434.6 | 432.1 | 429.7 | 427.6 | 424.2 | 422.1 | 420.2 | 416.5 | 414.0 | 411.2 | 408.7 |
| 25°   | 422.7 | 420.2 | 418.2 | 415.7 | 414.2 | 411.8 | 409.9 | 406.7 | 404.4 | 401.8 | 399.7 |
| 27.5° | 403.1 | 401.6 | 400.5 | 399.1 | 397.8 | 396.7 | 395.7 | 393.1 | 391.4 | 389.1 | 386.9 |
| 30°   | 373.7 | 373.5 | 372.9 | 372.2 | 373.1 | 373.1 | 373.1 | 372.6 | 371.2 | 369.4 | 368.0 |
| 32.5° | 336.0 | 336.4 | 337.3 | 337.9 | 339.6 | 341.5 | 343.2 | 344.1 | 344.1 | 343.0 | 342.4 |
| 35°   | 291.0 | 291.7 | 293.0 | 294.7 | 296.8 | 299.1 | 303.0 | 303.8 | 304.5 | 304.5 | 303.6 |
| 37.5° | 244.4 | 244.2 | 245.4 | 246.9 | 248.2 | 249.9 | 252.7 | 253.3 | 254.4 | 254.0 | 253.1 |
| 40°   | 199.0 | 197.9 | 197.5 | 197.9 | 199.4 | 198.8 | 199.4 | 199.0 | 199.0 | 197.5 | 197.5 |
| 42.5° | 157.0 | 155.8 | 154.9 | 154.3 | 154.3 | 152.8 | 151.7 | 150.6 | 150.0 | 148.9 | 148.7 |
| 45°   | 121.0 | 119.5 | 118.5 | 118.0 | 117.4 | 115.5 | 114.2 | 112.9 | 111.4 | 111.0 | 111.2 |
| 47.5° | 94.0  | 92.5  | 92.0  | 91.0  | 89.9  | 88.8  | 88.0  | 86.5  | 86.3  | 85.4  | 86.3  |
| 50°   | 72.4  | 72.0  | 71.4  | 70.9  | 70.3  | 69.5  | 68.6  | 67.8  | 67.3  | 67.3  | 67.5  |
| 52.5° | 56.2  | 56.5  | 55.8  | 55.2  | 54.8  | 54.8  | 53.7  | 53.5  | 53.5  | 52.6  | 53.5  |
| 55°   | 43.0  | 42.8  | 43.0  | 42.6  | 42.6  | 42.0  | 42.0  | 41.3  | 41.3  | 40.7  | 41.1  |
| 57.5° | 31.5  | 32.0  | 31.5  | 31.7  | 32.2  | 31.5  | 31.3  | 30.7  | 31.1  | 30.7  | 30.9  |
| 60°   | 24.5  | 24.5  | 24.5  | 24.3  | 24.3  | 24.1  | 24.1  | 23.9  | 23.9  | 23.4  | 23.9  |
| 62.5° | 18.1  | 18.3  | 18.3  | 18.3  | 18.5  | 18.3  | 18.1  | 18.3  | 18.1  | 18.1  | 18.3  |
| 65°   | 11.9  | 12.1  | 12.1  | 11.9  | 12.4  | 11.9  | 12.1  | 12.4  | 12.6  | 12.4  | 12.6  |
| 67.5° | 8.1   | 8.1   | 8.3   | 8.5   | 8.3   | 8.5   | 8.7   | 8.5   | 8.7   | 9.2   | 8.7   |
| 70°   | 6.0   | 6.2   | 6.2   | 6.0   | 5.8   | 6.0   | 5.8   | 6.4   | 6.4   | 6.4   | 6.8   |
| 72.5° | 3.8   | 3.8   | 3.6   | 3.6   | 3.6   | 3.6   | 3.6   | 4.3   | 3.8   | 3.6   | 4.1   |
| 75°   | 2.1   | 2.3   | 2.3   | 1.7   | 1.9   | 2.3   | 1.7   | 1.9   | 2.6   | 2.1   | 2.6   |
| 77.5° | 1.3   | 1.3   | 1.3   | 1.3   | 1.3   | 1.3   | 1.7   | 1.5   | 1.5   | 1.5   | 1.7   |
| 80°   | 1.1   | 0.9   | 0.9   | 0.6   | 0.9   | 0.9   | 0.9   | 1.3   | 1.1   | 1.1   | 1.3   |
| 82.5° | 0.4   | 0.4   | 0.2   | 0.0   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.9   |
| 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: P245874

CATALOG NUMBER: LD8B10D010 ER8B109727 8LBSW0GPH

**CANDELA DISTRIBUTION (continued):**

|       | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 |
| 2.5°  | 435.9 | 435.9 | 435.7 | 435.3 | 434.4 | 434.4 | 434.2 | 433.6 | 433.2 | 432.9 | 432.9 |
| 5°    | 433.8 | 432.9 | 432.1 | 429.7 | 429.7 | 429.3 | 428.0 | 427.2 | 426.8 | 425.7 | 425.3 |
| 7.5°  | 431.9 | 429.3 | 427.8 | 426.3 | 424.4 | 423.6 | 422.1 | 421.4 | 419.9 | 418.9 | 418.2 |
| 10°   | 427.2 | 425.5 | 423.6 | 421.2 | 419.7 | 418.0 | 416.3 | 415.0 | 413.1 | 412.1 | 411.2 |
| 12.5° | 424.0 | 421.4 | 419.7 | 417.2 | 414.6 | 413.1 | 410.8 | 409.3 | 407.4 | 405.2 | 404.0 |
| 15°   | 421.0 | 418.2 | 415.9 | 413.1 | 410.4 | 408.7 | 405.9 | 404.2 | 401.4 | 399.3 | 397.8 |
| 17.5° | 416.5 | 414.2 | 411.6 | 408.2 | 405.7 | 403.5 | 400.5 | 398.4 | 395.9 | 393.1 | 391.6 |
| 20°   | 411.8 | 409.1 | 406.5 | 403.1 | 400.5 | 398.0 | 395.0 | 392.7 | 389.7 | 387.1 | 385.4 |
| 22.5° | 405.7 | 402.5 | 400.3 | 396.9 | 393.9 | 391.2 | 388.4 | 385.6 | 382.9 | 380.7 | 378.8 |
| 25°   | 396.7 | 393.3 | 391.0 | 388.2 | 385.4 | 383.3 | 379.9 | 378.2 | 375.4 | 373.5 | 371.6 |
| 27.5° | 383.9 | 381.4 | 379.2 | 376.5 | 374.1 | 372.4 | 369.9 | 368.2 | 365.8 | 364.1 | 362.6 |
| 30°   | 365.2 | 363.1 | 361.1 | 358.4 | 356.7 | 355.2 | 352.8 | 351.3 | 349.6 | 347.7 | 347.3 |
| 32.5° | 340.0 | 338.3 | 336.4 | 334.5 | 333.2 | 332.4 | 330.5 | 329.6 | 327.9 | 326.8 | 325.8 |
| 35°   | 302.1 | 300.6 | 299.6 | 298.7 | 298.3 | 298.5 | 298.1 | 298.9 | 299.3 | 299.1 | 299.3 |
| 37.5° | 252.5 | 251.6 | 252.1 | 252.7 | 254.8 | 257.6 | 260.1 | 264.0 | 266.5 | 269.1 | 271.4 |
| 40°   | 197.1 | 197.7 | 199.4 | 203.3 | 208.8 | 215.0 | 220.7 | 228.0 | 235.2 | 240.3 | 245.0 |
| 42.5° | 148.7 | 150.6 | 154.9 | 160.4 | 168.7 | 177.9 | 186.9 | 197.5 | 206.2 | 214.8 | 220.7 |
| 45°   | 111.9 | 114.4 | 120.0 | 127.6 | 136.8 | 147.4 | 158.7 | 170.7 | 181.1 | 189.8 | 196.4 |
| 47.5° | 87.1  | 89.5  | 95.0  | 103.1 | 114.4 | 125.5 | 137.2 | 149.6 | 160.4 | 169.0 | 174.7 |
| 50°   | 68.8  | 71.8  | 76.7  | 85.2  | 96.5  | 108.2 | 120.4 | 132.5 | 142.8 | 150.0 | 155.1 |
| 52.5° | 54.1  | 56.9  | 61.6  | 70.5  | 82.0  | 93.7  | 105.0 | 117.0 | 125.9 | 132.9 | 136.4 |
| 55°   | 42.0  | 44.5  | 49.4  | 56.9  | 67.8  | 79.3  | 90.5  | 100.8 | 109.1 | 114.2 | 117.4 |
| 57.5° | 32.0  | 33.9  | 37.3  | 44.7  | 54.5  | 65.2  | 74.8  | 85.0  | 91.4  | 95.0  | 97.2  |
| 60°   | 24.3  | 25.8  | 29.4  | 35.2  | 44.1  | 53.3  | 61.4  | 69.0  | 74.1  | 77.1  | 79.3  |
| 62.5° | 18.3  | 20.0  | 22.6  | 27.5  | 34.3  | 41.8  | 48.6  | 54.3  | 58.6  | 60.5  | 62.0  |
| 65°   | 12.6  | 13.8  | 15.8  | 19.6  | 25.4  | 30.7  | 36.0  | 40.3  | 43.0  | 45.2  | 46.0  |
| 67.5° | 9.4   | 10.2  | 11.3  | 14.3  | 18.3  | 22.6  | 26.2  | 29.2  | 32.2  | 33.0  | 34.5  |
| 70°   | 7.0   | 7.7   | 8.7   | 10.9  | 13.2  | 16.2  | 19.2  | 20.9  | 23.0  | 24.5  | 24.9  |
| 72.5° | 4.5   | 4.7   | 5.8   | 7.0   | 8.9   | 10.9  | 12.8  | 14.3  | 15.6  | 16.4  | 16.8  |
| 75°   | 2.6   | 3.8   | 3.8   | 5.1   | 6.4   | 7.2   | 8.5   | 9.6   | 10.2  | 10.9  | 10.9  |
| 77.5° | 1.7   | 2.3   | 2.6   | 3.2   | 3.8   | 4.9   | 6.0   | 6.6   | 7.2   | 7.5   | 7.5   |
| 80°   | 1.5   | 1.7   | 1.7   | 2.3   | 2.8   | 3.6   | 4.3   | 4.5   | 4.9   | 5.1   | 5.5   |
| 82.5° | 0.6   | 0.9   | 1.1   | 1.7   | 1.9   | 1.9   | 2.6   | 2.8   | 3.2   | 3.4   | 3.4   |
| 85°   | 0.2   | 0.4   | 0.4   | 0.6   | 1.1   | 1.3   | 1.5   | 1.7   | 1.9   | 1.9   | 2.1   |
| 87.5° | 0.2   | 0.2   | 0.0   | 0.2   | 0.4   | 0.4   | 0.9   | 0.9   | 0.9   | 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   |



TEST NUMBER: P245874

CATALOG NUMBER: LD8B10D010 ER8B109727 8LBSW0GPH

**CANDELA DISTRIBUTION (continued):**

|       | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 | 436.3 |
| 2.5°  | 432.5 | 432.7 | 431.9 | 431.7 | 431.2 | 431.4 | 431.9 |
| 5°    | 424.6 | 424.8 | 424.0 | 423.1 | 423.1 | 422.9 | 423.1 |
| 7.5°  | 417.2 | 417.4 | 416.1 | 415.7 | 414.8 | 415.0 | 415.0 |
| 10°   | 409.7 | 409.7 | 407.8 | 407.6 | 406.9 | 406.7 | 406.7 |
| 12.5° | 402.5 | 401.8 | 400.3 | 399.5 | 399.9 | 398.6 | 398.6 |
| 15°   | 396.1 | 395.0 | 393.1 | 392.5 | 391.4 | 391.0 | 391.0 |
| 17.5° | 389.5 | 388.6 | 386.9 | 385.6 | 384.4 | 384.1 | 384.4 |
| 20°   | 383.1 | 382.2 | 380.1 | 379.2 | 378.2 | 378.2 | 377.8 |
| 22.5° | 376.7 | 375.8 | 373.9 | 373.3 | 371.8 | 371.8 | 372.0 |
| 25°   | 370.1 | 369.4 | 367.3 | 366.9 | 366.7 | 365.8 | 366.2 |
| 27.5° | 361.1 | 360.7 | 359.0 | 358.4 | 357.5 | 357.3 | 357.7 |
| 30°   | 344.7 | 344.1 | 342.8 | 342.2 | 340.7 | 340.9 | 341.3 |
| 32.5° | 324.3 | 323.4 | 321.7 | 321.1 | 319.8 | 319.4 | 319.6 |
| 35°   | 298.7 | 298.1 | 296.6 | 296.6 | 295.3 | 294.9 | 295.3 |
| 37.5° | 272.7 | 273.4 | 272.7 | 273.4 | 272.7 | 272.5 | 272.7 |
| 40°   | 248.2 | 250.6 | 251.0 | 253.3 | 252.5 | 253.8 | 253.5 |
| 42.5° | 224.8 | 228.6 | 230.1 | 232.0 | 231.6 | 232.5 | 233.1 |
| 45°   | 201.1 | 204.3 | 205.8 | 207.1 | 207.3 | 207.7 | 207.9 |
| 47.5° | 178.8 | 181.3 | 181.5 | 183.0 | 182.8 | 182.8 | 183.4 |
| 50°   | 157.9 | 159.6 | 160.0 | 161.1 | 160.2 | 159.8 | 160.0 |
| 52.5° | 138.5 | 140.2 | 139.8 | 140.2 | 139.1 | 138.7 | 138.9 |
| 55°   | 118.7 | 119.5 | 119.5 | 119.5 | 118.3 | 118.3 | 118.3 |
| 57.5° | 98.4  | 98.7  | 98.2  | 98.4  | 98.2  | 96.9  | 96.7  |
| 60°   | 79.9  | 79.9  | 79.7  | 79.9  | 79.3  | 78.6  | 78.6  |
| 62.5° | 62.4  | 62.9  | 63.7  | 62.9  | 62.4  | 62.9  | 62.2  |
| 65°   | 46.7  | 47.5  | 47.3  | 47.7  | 47.5  | 47.5  | 47.1  |
| 67.5° | 35.2  | 35.4  | 35.6  | 35.8  | 35.8  | 35.8  | 35.8  |
| 70°   | 25.8  | 26.4  | 26.2  | 26.2  | 26.2  | 26.2  | 27.5  |
| 72.5° | 17.3  | 18.1  | 17.9  | 18.3  | 18.3  | 18.7  | 18.3  |
| 75°   | 11.7  | 12.6  | 12.1  | 12.8  | 12.6  | 12.1  | 13.2  |
| 77.5° | 7.9   | 8.3   | 8.5   | 8.7   | 8.5   | 8.3   | 8.5   |
| 80°   | 5.5   | 6.0   | 5.8   | 6.0   | 6.0   | 6.0   | 6.2   |
| 82.5° | 3.4   | 4.1   | 3.8   | 4.1   | 3.8   | 4.1   | 4.1   |
| 85°   | 2.3   | 2.6   | 2.1   | 2.6   | 2.3   | 2.3   | 2.8   |
| 87.5° | 1.5   | 1.3   | 1.3   | 1.5   | 1.3   | 1.5   | 1.3   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)