

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: P843982

Luminaire Tested: **LD6C10DE010B40 EU6C10B40 6LBLWWH**

Issue Date: 5/7/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P843982  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2107-320-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LD6C10DE010B40 EU6C10B40 6LBLWWH  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

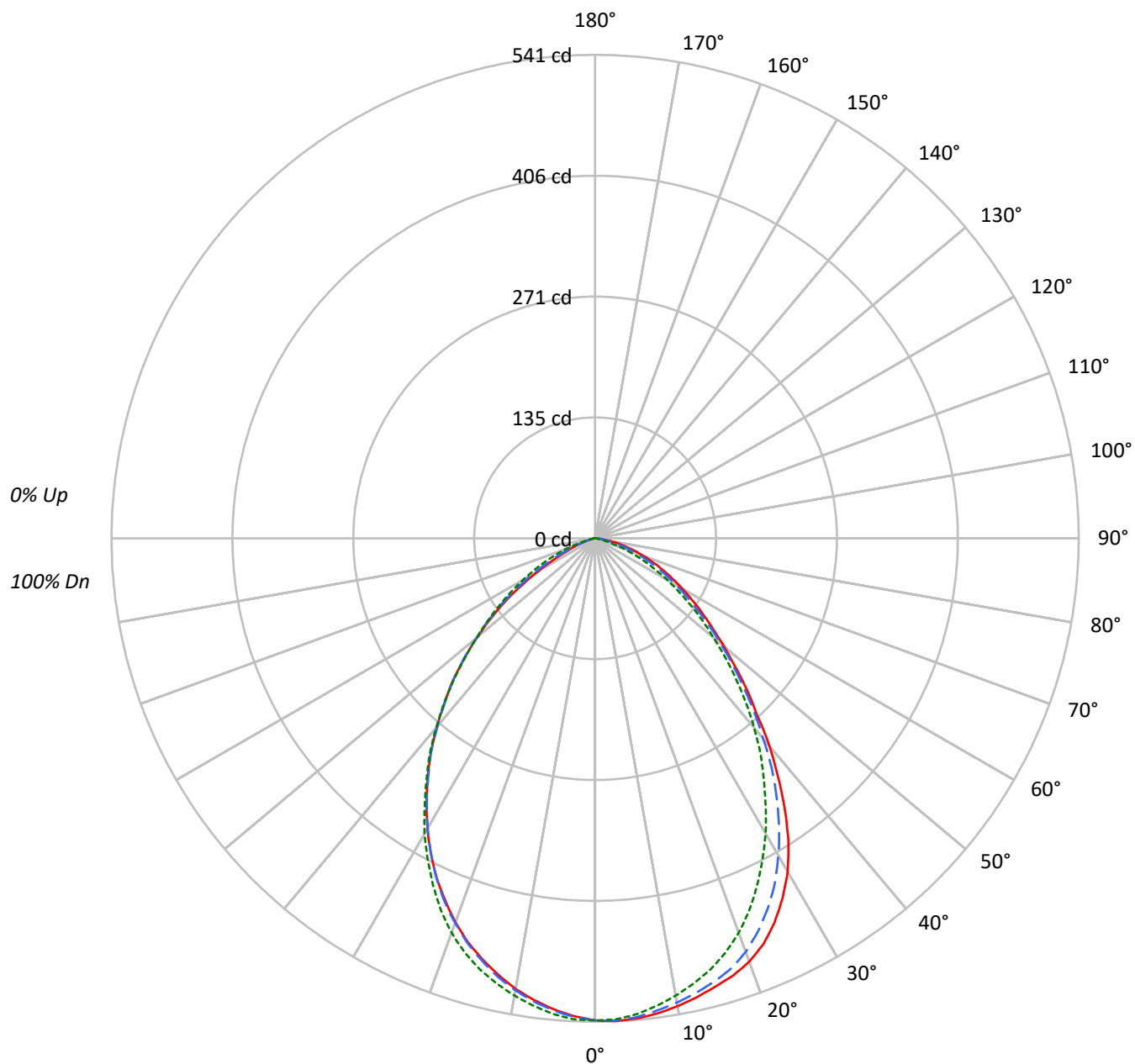
Lumens per Lamp: N/A  
Luminaire Lumens: 981.5 lumens  
Efficiency: N/A  
Efficacy: 73.8 lumens/watt  
Spacing Criteria (0/90/45): 1.13 / 1.08 / 1.16  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

Input Watts (W): 13.3  
Input Voltage (V):  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT

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CATALOG NUMBER: LD6C10DE010B40 EU6C10B40 6LBLWWH

### Luminous Intensity Polar Plot





TEST NUMBER: P843982

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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     |     | 20  |     |     |     |     | 20  |     |     |     |    | 20 |
| RC  | 80  |     |     |     | 70  |     |     |     |     | 50  |     |     |     |     | 30  |     |     |     |    | 0  |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30 | 10 |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |    |    |
| 1   | 111 | 107 | 104 | 101 | 109 | 105 | 102 | 99  | 101 | 99  | 96  | 97  | 95  | 93  | 94  | 92  | 91  | 89  |    |    |
| 2   | 103 | 96  | 91  | 86  | 101 | 95  | 90  | 85  | 91  | 87  | 83  | 88  | 85  | 81  | 85  | 82  | 80  | 78  |    |    |
| 3   | 95  | 87  | 80  | 74  | 93  | 85  | 79  | 74  | 82  | 77  | 73  | 80  | 75  | 71  | 77  | 73  | 70  | 68  |    |    |
| 4   | 89  | 78  | 71  | 65  | 86  | 77  | 70  | 65  | 75  | 69  | 64  | 72  | 67  | 63  | 70  | 66  | 62  | 60  |    |    |
| 5   | 82  | 71  | 63  | 58  | 80  | 70  | 63  | 57  | 68  | 62  | 57  | 66  | 61  | 56  | 64  | 60  | 56  | 54  |    |    |
| 6   | 77  | 65  | 57  | 51  | 75  | 64  | 57  | 51  | 62  | 56  | 51  | 61  | 55  | 50  | 59  | 54  | 50  | 48  |    |    |
| 7   | 71  | 59  | 52  | 46  | 70  | 59  | 51  | 46  | 57  | 51  | 46  | 56  | 50  | 45  | 55  | 49  | 45  | 43  |    |    |
| 8   | 67  | 55  | 47  | 42  | 65  | 54  | 47  | 42  | 53  | 46  | 42  | 52  | 46  | 41  | 51  | 45  | 41  | 39  |    |    |
| 9   | 63  | 51  | 43  | 38  | 62  | 50  | 43  | 38  | 49  | 42  | 38  | 48  | 42  | 38  | 47  | 42  | 38  | 36  |    |    |
| 10  | 59  | 47  | 40  | 35  | 58  | 47  | 40  | 35  | 46  | 39  | 35  | 45  | 39  | 35  | 44  | 38  | 35  | 33  |    |    |

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

|     | 0°    | 90°   | 180°  |
|-----|-------|-------|-------|
| 0°  | 29581 | 29581 | 29581 |
| 5°  | 29683 | 29413 | 29122 |
| 10° | 29592 | 28935 | 28512 |
| 15° | 29478 | 28337 | 27679 |
| 20° | 29414 | 27407 | 26672 |
| 25° | 28701 | 25937 | 25368 |
| 30° | 27270 | 24156 | 23750 |
| 35° | 24755 | 21991 | 21850 |
| 40° | 21712 | 19794 | 19687 |
| 45° | 18622 | 17296 | 17436 |
| 50° | 16025 | 14737 | 14669 |
| 55° | 14011 | 12444 | 11689 |
| 60° | 12313 | 10208 | 7982  |
| 65° | 10766 | 7900  | 4799  |
| 70° | 9184  | 5321  | 2821  |
| 75° | 7413  | 2754  | 1546  |
| 80° | 5146  | 1105  | 852   |
| 85° | 2076  | 314   | 440   |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 50.6   | 5.2       |
| 10°-20°   | 141.2  | 14.4      |
| 20°-30°   | 200.9  | 20.5      |
| 30°-40°   | 211.5  | 21.5      |
| 40°-50°   | 176.2  | 18.0      |
| 50°-60°   | 119.1  | 12.1      |
| 60°-70°   | 60.4   | 6.2       |
| 70°-80°   | 19.5   | 2.0       |
| 80°-90°   | 2.2    | 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°    | 392.7  | 40.0      |
| 0°-40°    | 604.1  | 61.6      |
| 0°-60°    | 899.4  | 91.6      |
| 0°-90°    | 981.5  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 981.5  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | 45° | 90° | 135° | 180° | Flux |
|-----|-----|-----|-----|------|------|------|
| 0°  | 540 | 540 | 540 | 540  | 540  |      |
| 5°  | 539 | 538 | 534 | 530  | 529  | 51   |
| 15° | 519 | 514 | 499 | 489  | 488  | 147  |
| 25° | 474 | 457 | 429 | 420  | 419  | 217  |
| 35° | 370 | 354 | 329 | 325  | 326  | 230  |
| 45° | 240 | 234 | 223 | 224  | 225  | 186  |
| 55° | 147 | 140 | 130 | 126  | 122  | 132  |
| 65° | 83  | 75  | 61  | 44   | 37   | 83   |
| 75° | 35  | 27  | 13  | 7    | 7    | 38   |
| 85° | 3   | 2   | 0   | 1    | 1    | 6    |
| 90° | 0   | 0   | 0   | 0    | 0    |      |



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 539.6 | 539.6 | 539.6 | 539.6 | 539.6 | 539.6 | 539.6 | 539.6 | 539.6 | 539.6 | 539.6 |
| 2.5°  | 540.9 | 540.9 | 540.9 | 540.9 | 540.9 | 540.9 | 540.7 | 540.7 | 540.3 | 540.3 | 540.1 |
| 5°    | 539.4 | 539.6 | 539.6 | 539.4 | 539.4 | 539.1 | 539.1 | 538.9 | 538.3 | 537.9 | 537.8 |
| 7.5°  | 536.3 | 536.3 | 536.1 | 535.9 | 535.8 | 535.3 | 535.1 | 534.5 | 534.1 | 533.8 | 533.0 |
| 10°   | 531.6 | 531.6 | 531.5 | 531.0 | 530.8 | 530.5 | 530.5 | 529.8 | 529.0 | 528.2 | 527.7 |
| 12.5° | 526.0 | 526.2 | 525.7 | 525.6 | 525.1 | 524.9 | 524.5 | 523.6 | 523.1 | 521.9 | 521.1 |
| 15°   | 519.4 | 519.8 | 519.8 | 519.1 | 518.6 | 518.3 | 517.8 | 517.3 | 516.0 | 515.0 | 513.8 |
| 17.5° | 513.1 | 513.5 | 513.1 | 512.5 | 512.0 | 511.3 | 510.9 | 509.9 | 508.2 | 506.7 | 505.1 |
| 20°   | 504.2 | 504.8 | 504.1 | 503.1 | 502.1 | 501.8 | 501.3 | 499.5 | 497.2 | 495.0 | 492.6 |
| 22.5° | 491.7 | 491.4 | 490.7 | 490.4 | 488.6 | 487.6 | 486.8 | 484.4 | 481.9 | 479.0 | 476.1 |
| 25°   | 474.5 | 475.2 | 474.1 | 472.4 | 471.6 | 470.4 | 468.6 | 466.1 | 463.8 | 460.7 | 457.2 |
| 27.5° | 454.1 | 454.1 | 452.7 | 452.1 | 450.1 | 448.8 | 447.8 | 445.3 | 442.2 | 439.1 | 435.3 |
| 30°   | 430.8 | 429.7 | 429.7 | 427.2 | 425.5 | 425.0 | 424.0 | 419.9 | 417.1 | 413.9 | 410.0 |
| 32.5° | 402.4 | 402.3 | 401.6 | 399.9 | 397.8 | 396.0 | 396.0 | 393.0 | 389.4 | 385.4 | 383.1 |
| 35°   | 369.9 | 370.0 | 369.6 | 367.8 | 367.8 | 365.6 | 365.3 | 362.8 | 359.8 | 356.7 | 353.9 |
| 37.5° | 336.1 | 336.9 | 336.1 | 335.2 | 334.6 | 334.4 | 332.8 | 331.0 | 328.8 | 327.0 | 324.8 |
| 40°   | 303.4 | 302.4 | 302.7 | 300.9 | 301.1 | 300.7 | 299.9 | 297.6 | 296.3 | 294.6 | 292.2 |
| 42.5° | 268.2 | 269.4 | 269.7 | 268.6 | 268.2 | 267.5 | 268.2 | 267.4 | 265.9 | 264.9 | 262.8 |
| 45°   | 240.2 | 239.0 | 239.6 | 239.2 | 239.4 | 238.0 | 237.4 | 237.0 | 236.5 | 234.9 | 233.9 |
| 47.5° | 212.2 | 212.4 | 212.2 | 211.5 | 211.1 | 211.1 | 210.4 | 209.3 | 209.3 | 208.2 | 207.5 |
| 50°   | 187.9 | 187.9 | 188.3 | 187.3 | 187.0 | 186.2 | 186.5 | 185.4 | 184.7 | 183.7 | 183.2 |
| 52.5° | 165.6 | 165.7 | 165.1 | 165.2 | 164.9 | 164.9 | 164.1 | 163.4 | 162.7 | 161.1 | 160.7 |
| 55°   | 146.6 | 146.7 | 145.8 | 146.2 | 145.1 | 144.6 | 144.2 | 143.1 | 143.1 | 141.5 | 139.5 |
| 57.5° | 128.8 | 128.6 | 128.4 | 127.9 | 127.1 | 126.6 | 126.1 | 124.8 | 124.3 | 123.1 | 121.5 |
| 60°   | 112.3 | 112.1 | 111.7 | 111.6 | 111.1 | 109.8 | 109.8 | 108.8 | 107.0 | 105.9 | 104.3 |
| 62.5° | 96.7  | 96.7  | 96.5  | 95.9  | 95.4  | 94.9  | 94.4  | 93.8  | 91.9  | 90.6  | 89.3  |
| 65°   | 83.0  | 82.9  | 82.4  | 81.4  | 81.1  | 81.1  | 79.9  | 79.2  | 77.8  | 76.6  | 74.9  |
| 67.5° | 70.0  | 69.3  | 69.0  | 69.1  | 68.0  | 68.0  | 66.9  | 66.0  | 64.7  | 62.6  | 61.3  |
| 70°   | 57.3  | 56.9  | 56.6  | 56.3  | 56.1  | 55.3  | 54.8  | 53.7  | 52.5  | 50.8  | 48.8  |
| 72.5° | 45.9  | 45.9  | 45.4  | 44.9  | 44.4  | 43.7  | 43.4  | 42.4  | 41.0  | 39.1  | 37.8  |
| 75°   | 35.0  | 35.0  | 35.0  | 34.3  | 34.0  | 33.5  | 32.5  | 31.9  | 30.2  | 29.2  | 27.4  |
| 77.5° | 25.8  | 25.4  | 24.9  | 24.6  | 24.3  | 23.9  | 23.4  | 22.5  | 21.0  | 19.8  | 18.7  |
| 80°   | 16.3  | 16.8  | 16.3  | 16.3  | 15.4  | 15.0  | 14.9  | 13.7  | 13.2  | 12.2  | 11.2  |
| 82.5° | 9.1   | 9.2   | 8.9   | 8.7   | 8.1   | 7.9   | 7.9   | 7.3   | 6.9   | 6.1   | 5.6   |
| 85°   | 3.3   | 3.5   | 3.3   | 3.3   | 2.9   | 3.1   | 2.9   | 2.7   | 2.3   | 2.0   | 1.8   |
| 87.5° | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   |
| 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):**

|       | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 539.6 | 539.6 | 539.6 | 539.6 | 539.6 | 539.6 | 539.6 | 539.6 | 539.6 | 539.6 | 539.6 |
| 2.5°  | 540.1 | 539.8 | 539.8 | 539.6 | 539.4 | 539.4 | 539.4 | 539.2 | 538.9 | 538.9 | 538.7 |
| 5°    | 537.4 | 537.1 | 536.5 | 536.1 | 535.9 | 535.8 | 535.6 | 535.4 | 534.6 | 534.5 | 534.0 |
| 7.5°  | 532.5 | 532.1 | 531.2 | 530.8 | 530.3 | 530.2 | 529.5 | 529.0 | 528.3 | 527.7 | 527.2 |
| 10°   | 526.7 | 525.7 | 525.1 | 524.2 | 523.8 | 523.2 | 522.4 | 521.3 | 520.7 | 519.8 | 519.1 |
| 12.5° | 520.1 | 519.1 | 517.6 | 516.5 | 516.2 | 515.3 | 513.8 | 513.0 | 511.7 | 510.2 | 508.9 |
| 15°   | 512.0 | 510.7 | 509.5 | 507.5 | 506.9 | 505.9 | 504.4 | 502.6 | 500.8 | 499.3 | 497.8 |
| 17.5° | 503.1 | 501.1 | 499.1 | 497.0 | 495.3 | 494.8 | 492.4 | 489.9 | 488.2 | 485.7 | 484.1 |
| 20°   | 490.6 | 487.9 | 484.6 | 482.5 | 481.0 | 479.3 | 476.7 | 473.9 | 471.9 | 469.8 | 467.4 |
| 22.5° | 473.4 | 470.9 | 467.1 | 463.8 | 462.7 | 460.3 | 458.0 | 455.4 | 452.9 | 450.6 | 447.6 |
| 25°   | 453.1 | 450.3 | 446.5 | 443.3 | 441.5 | 440.4 | 435.9 | 433.3 | 430.8 | 428.8 | 426.8 |
| 27.5° | 432.3 | 427.3 | 424.7 | 419.7 | 418.1 | 417.7 | 413.5 | 410.8 | 408.1 | 405.4 | 402.9 |
| 30°   | 406.4 | 402.6 | 398.8 | 395.2 | 393.0 | 391.7 | 388.7 | 385.2 | 383.4 | 381.6 | 379.1 |
| 32.5° | 379.8 | 376.3 | 371.7 | 368.2 | 366.6 | 364.8 | 362.0 | 359.7 | 357.0 | 354.9 | 354.4 |
| 35°   | 351.3 | 347.5 | 343.5 | 341.0 | 340.7 | 338.4 | 335.7 | 333.7 | 331.8 | 328.6 | 328.1 |
| 37.5° | 320.9 | 318.7 | 315.9 | 312.3 | 310.7 | 310.7 | 308.0 | 306.5 | 304.0 | 303.8 | 302.4 |
| 40°   | 291.0 | 290.0 | 285.9 | 284.7 | 284.4 | 281.9 | 281.1 | 278.6 | 276.8 | 276.6 | 274.5 |
| 42.5° | 261.3 | 259.0 | 258.3 | 256.5 | 254.8 | 254.5 | 252.9 | 251.7 | 251.0 | 249.9 | 248.9 |
| 45°   | 231.9 | 231.4 | 229.6 | 228.3 | 227.8 | 227.1 | 226.5 | 224.3 | 224.0 | 223.1 | 222.5 |
| 47.5° | 206.6 | 205.2 | 203.5 | 202.0 | 201.9 | 200.7 | 199.5 | 199.5 | 197.6 | 197.4 | 196.9 |
| 50°   | 181.4 | 180.3 | 179.4 | 177.4 | 177.8 | 176.3 | 176.1 | 174.5 | 173.6 | 172.8 | 173.8 |
| 52.5° | 159.3 | 157.1 | 156.7 | 155.0 | 154.5 | 154.7 | 152.7 | 152.2 | 151.8 | 151.1 | 150.7 |
| 55°   | 138.2 | 137.1 | 135.7 | 134.5 | 133.7 | 132.7 | 132.0 | 132.0 | 130.1 | 130.2 | 129.3 |
| 57.5° | 119.7 | 118.8 | 117.0 | 115.4 | 115.0 | 113.9 | 113.0 | 112.1 | 111.9 | 110.6 | 109.8 |
| 60°   | 103.2 | 101.5 | 99.2  | 98.5  | 97.4  | 96.5  | 95.6  | 94.4  | 93.9  | 93.1  | 91.4  |
| 62.5° | 87.8  | 85.0  | 84.2  | 82.7  | 81.4  | 80.9  | 79.4  | 78.2  | 77.3  | 76.0  | 74.8  |
| 65°   | 73.1  | 71.1  | 69.5  | 67.8  | 67.7  | 66.2  | 64.9  | 63.9  | 62.0  | 60.9  | 58.6  |
| 67.5° | 59.7  | 57.9  | 56.1  | 54.4  | 53.1  | 52.8  | 50.8  | 49.5  | 48.2  | 46.1  | 44.1  |
| 70°   | 47.4  | 45.5  | 44.1  | 42.1  | 41.6  | 40.1  | 38.6  | 37.3  | 35.2  | 33.2  | 31.5  |
| 72.5° | 36.1  | 34.1  | 32.5  | 31.0  | 30.1  | 28.9  | 27.4  | 25.9  | 23.8  | 21.8  | 20.3  |
| 75°   | 25.8  | 24.3  | 22.6  | 21.3  | 20.5  | 19.8  | 18.1  | 16.5  | 15.0  | 13.0  | 11.7  |
| 77.5° | 17.5  | 16.0  | 14.5  | 13.2  | 12.4  | 11.7  | 10.7  | 9.4   | 8.1   | 7.1   | 6.1   |
| 80°   | 10.2  | 9.2   | 8.1   | 7.1   | 6.9   | 6.3   | 5.4   | 4.8   | 4.0   | 3.5   | 2.7   |
| 82.5° | 4.9   | 4.3   | 3.6   | 3.1   | 2.7   | 2.5   | 2.2   | 1.8   | 1.5   | 1.3   | 1.3   |
| 85°   | 1.5   | 1.3   | 1.1   | 1.0   | 0.7   | 0.7   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   |
| 87.5° | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   |
| 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):**

|       | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 539.6 | 539.6 | 539.6 | 539.6  | 539.6 | 539.6 | 539.6 | 539.6 | 539.6 | 539.6 | 539.6 |
| 2.5°  | 538.1 | 537.9 | 537.8 | 537.6  | 537.3 | 537.3 | 536.6 | 536.3 | 536.3 | 535.9 | 535.8 |
| 5°    | 533.4 | 532.8 | 532.7 | 532.3  | 532.0 | 531.8 | 531.0 | 530.8 | 530.5 | 530.2 | 530.2 |
| 7.5°  | 526.7 | 526.0 | 525.2 | 524.9  | 524.7 | 524.2 | 523.8 | 523.6 | 523.1 | 522.7 | 521.9 |
| 10°   | 517.8 | 517.3 | 516.3 | 516.0  | 515.6 | 515.3 | 514.3 | 513.8 | 513.7 | 513.3 | 513.0 |
| 12.5° | 507.5 | 506.7 | 505.9 | 505.1  | 504.8 | 504.2 | 503.3 | 502.8 | 502.8 | 502.1 | 502.1 |
| 15°   | 496.5 | 495.3 | 493.7 | 493.0  | 492.8 | 491.7 | 491.0 | 490.2 | 489.4 | 488.9 | 488.9 |
| 17.5° | 482.3 | 480.5 | 479.0 | 479.0  | 478.3 | 477.2 | 476.1 | 475.5 | 475.0 | 474.2 | 473.9 |
| 20°   | 465.6 | 464.3 | 462.7 | 462.7  | 461.0 | 460.7 | 459.6 | 459.4 | 458.2 | 458.4 | 457.7 |
| 22.5° | 445.5 | 444.7 | 443.8 | 443.0  | 442.2 | 441.1 | 440.5 | 440.7 | 440.2 | 440.0 | 439.9 |
| 25°   | 425.2 | 423.2 | 422.1 | 421.7  | 421.4 | 420.4 | 420.1 | 419.9 | 419.9 | 419.4 | 419.6 |
| 27.5° | 401.7 | 400.3 | 398.8 | 399.4  | 398.6 | 398.1 | 397.8 | 397.2 | 397.6 | 397.4 | 397.6 |
| 30°   | 377.8 | 376.0 | 375.0 | 375.5  | 375.2 | 373.8 | 374.5 | 374.4 | 374.5 | 374.5 | 374.9 |
| 32.5° | 352.6 | 351.3 | 351.1 | 351.3  | 349.7 | 349.9 | 349.1 | 350.2 | 350.4 | 351.5 | 350.6 |
| 35°   | 327.0 | 326.3 | 325.0 | 324.8  | 325.0 | 324.8 | 324.8 | 325.5 | 325.4 | 326.5 | 326.1 |
| 37.5° | 300.7 | 300.4 | 299.1 | 299.4  | 298.7 | 299.9 | 300.4 | 299.9 | 301.2 | 300.9 | 300.7 |
| 40°   | 275.0 | 274.5 | 273.7 | 275.1  | 274.2 | 273.5 | 274.8 | 273.7 | 274.0 | 275.1 | 275.1 |
| 42.5° | 248.9 | 247.9 | 247.9 | 247.9  | 247.8 | 247.8 | 248.3 | 248.9 | 248.4 | 248.6 | 250.1 |
| 45°   | 222.5 | 222.3 | 221.8 | 222.2  | 222.0 | 222.9 | 222.9 | 223.3 | 224.0 | 224.7 | 224.3 |
| 47.5° | 197.1 | 196.8 | 197.4 | 196.9  | 197.1 | 196.6 | 196.9 | 198.1 | 198.9 | 197.7 | 198.9 |
| 50°   | 173.3 | 172.7 | 172.5 | 173.0  | 172.8 | 172.7 | 173.0 | 173.0 | 172.7 | 172.7 | 174.0 |
| 52.5° | 150.7 | 150.0 | 149.4 | 150.4  | 149.8 | 150.0 | 149.2 | 149.2 | 149.7 | 149.2 | 148.7 |
| 55°   | 129.5 | 128.9 | 128.2 | 128.6  | 127.7 | 127.6 | 126.8 | 126.8 | 126.3 | 125.9 | 124.8 |
| 57.5° | 109.1 | 108.8 | 107.1 | 107.0  | 107.1 | 105.9 | 104.6 | 104.1 | 102.7 | 102.3 | 102.1 |
| 60°   | 91.3  | 89.3  | 88.3  | 87.3   | 86.5  | 86.0  | 84.5  | 83.7  | 81.4  | 80.2  | 80.0  |
| 62.5° | 72.6  | 71.6  | 70.5  | 69.0   | 68.5  | 66.7  | 65.3  | 62.9  | 61.9  | 60.2  | 58.6  |
| 65°   | 57.5  | 55.1  | 53.5  | 52.6   | 51.2  | 49.5  | 47.9  | 45.4  | 44.1  | 42.1  | 40.4  |
| 67.5° | 42.1  | 40.1  | 37.9  | 37.2   | 36.0  | 34.0  | 32.3  | 30.1  | 29.0  | 27.2  | 26.7  |
| 70°   | 28.9  | 27.1  | 25.4  | 24.3   | 23.4  | 21.4  | 19.8  | 19.0  | 18.0  | 17.6  | 17.6  |
| 72.5° | 18.5  | 16.8  | 15.0  | 14.5   | 13.7  | 12.7  | 11.6  | 11.2  | 11.6  | 11.4  | 11.4  |
| 75°   | 10.4  | 9.4   | 8.1   | 7.6    | 7.6   | 7.3   | 7.1   | 7.1   | 7.1   | 7.1   | 7.1   |
| 77.5° | 5.3   | 4.8   | 4.3   | 4.1    | 4.1   | 4.1   | 4.3   | 4.3   | 4.3   | 4.5   | 4.3   |
| 80°   | 2.5   | 2.3   | 2.3   | 2.3    | 2.5   | 2.5   | 2.5   | 2.5   | 2.5   | 2.7   | 2.5   |
| 82.5° | 1.3   | 1.3   | 1.3   | 1.3    | 1.3   | 1.3   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   |
| 85°   | 0.5   | 0.5   | 0.5   | 0.5    | 0.7   | 0.7   | 0.7   | 0.7   | 0.7   | 0.7   | 0.7   |
| 87.5° | 0.2   | 0.2   | 0.2   | 0.2    | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   |
| 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: P843982

CATALOG NUMBER: LD6C10DE010B40 EU6C10B40 6LBLWWH

**CANDELA DISTRIBUTION (continued):**

|       | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  |
|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| 0°    | 539.6 | 539.6 | 539.6  | 539.6 | 539.6 | 539.6 | 539.6 | 539.6 |
| 2.5°  | 535.6 | 535.3 | 535.3  | 535.1 | 535.1 | 535.1 | 535.1 | 535.3 |
| 5°    | 529.8 | 529.6 | 529.6  | 529.2 | 529.2 | 529.2 | 529.2 | 529.2 |
| 7.5°  | 521.9 | 521.6 | 521.8  | 521.4 | 521.4 | 521.6 | 521.4 | 521.3 |
| 10°   | 512.4 | 512.2 | 512.4  | 512.4 | 512.0 | 511.8 | 512.0 | 512.2 |
| 12.5° | 501.5 | 501.3 | 501.0  | 501.1 | 501.1 | 501.0 | 500.8 | 500.4 |
| 15°   | 488.8 | 488.6 | 488.4  | 488.2 | 488.1 | 488.2 | 488.1 | 487.7 |
| 17.5° | 473.9 | 473.9 | 473.7  | 473.6 | 473.4 | 473.0 | 473.2 | 473.7 |
| 20°   | 458.0 | 457.7 | 457.4  | 457.6 | 456.9 | 456.5 | 456.7 | 457.2 |
| 22.5° | 439.7 | 439.1 | 439.4  | 438.9 | 438.9 | 439.1 | 438.9 | 438.6 |
| 25°   | 419.7 | 418.9 | 419.4  | 419.6 | 419.6 | 419.4 | 419.1 | 419.4 |
| 27.5° | 397.6 | 398.1 | 398.1  | 397.8 | 398.3 | 397.6 | 397.9 | 398.1 |
| 30°   | 374.9 | 374.4 | 374.2  | 374.9 | 376.0 | 375.0 | 375.0 | 375.2 |
| 32.5° | 351.5 | 350.8 | 350.8  | 351.1 | 350.9 | 350.9 | 351.7 | 350.8 |
| 35°   | 326.5 | 326.8 | 325.4  | 326.3 | 326.7 | 326.3 | 326.5 | 326.5 |
| 37.5° | 301.2 | 300.9 | 300.9  | 300.9 | 301.4 | 301.4 | 301.8 | 301.6 |
| 40°   | 276.4 | 275.7 | 275.5  | 275.8 | 275.1 | 275.7 | 275.7 | 275.1 |
| 42.5° | 249.6 | 249.7 | 250.7  | 249.7 | 249.9 | 249.7 | 249.4 | 249.2 |
| 45°   | 224.7 | 225.3 | 224.9  | 224.7 | 224.9 | 224.2 | 224.3 | 224.9 |
| 47.5° | 198.4 | 199.5 | 198.4  | 199.2 | 198.9 | 198.6 | 198.2 | 197.6 |
| 50°   | 173.8 | 174.1 | 174.0  | 173.8 | 173.6 | 173.3 | 172.5 | 172.0 |
| 52.5° | 148.5 | 148.5 | 148.5  | 148.5 | 146.7 | 147.6 | 147.2 | 146.2 |
| 55°   | 123.8 | 124.4 | 123.7  | 123.7 | 122.5 | 122.5 | 122.1 | 122.3 |
| 57.5° | 100.2 | 99.5  | 99.0   | 99.0  | 97.7  | 97.2  | 96.7  | 95.9  |
| 60°   | 77.9  | 77.4  | 76.7   | 75.8  | 74.6  | 74.6  | 74.1  | 72.8  |
| 62.5° | 57.1  | 56.3  | 55.6   | 55.0  | 53.8  | 53.1  | 52.6  | 53.0  |
| 65°   | 39.1  | 38.3  | 37.5   | 37.5  | 37.5  | 37.2  | 37.0  | 37.0  |
| 67.5° | 25.8  | 26.3  | 25.9   | 26.3  | 26.3  | 25.9  | 25.8  | 26.1  |
| 70°   | 17.8  | 17.8  | 17.6   | 17.6  | 17.6  | 17.6  | 17.5  | 17.6  |
| 72.5° | 11.4  | 11.4  | 11.4   | 11.6  | 11.4  | 11.4  | 11.6  | 11.6  |
| 75°   | 7.3   | 7.3   | 7.3    | 7.4   | 7.3   | 7.3   | 7.4   | 7.3   |
| 77.5° | 4.3   | 4.5   | 4.5    | 4.5   | 4.5   | 4.3   | 4.5   | 4.5   |
| 80°   | 2.7   | 2.7   | 2.7    | 2.7   | 2.7   | 2.7   | 2.7   | 2.7   |
| 82.5° | 1.5   | 1.5   | 1.5    | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   |
| 85°   | 0.7   | 0.7   | 0.7    | 0.7   | 0.7   | 0.7   | 0.7   | 0.7   |
| 87.5° | 0.2   | 0.2   | 0.2    | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   |
| 90°   | 0.0   | 0.0   | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |



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— 0°-180°    - - 45°-225°    - - - 90°-270°













(END OF REPORT)