

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: P843981

Luminaire Tested: **LD6C10DE010B40 EU6C10B40 6LBLDWWLI**

Issue Date: 5/7/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P843981  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2107-320-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LD6C10DE010B40 EU6C10B40 6LBLDWWLI  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

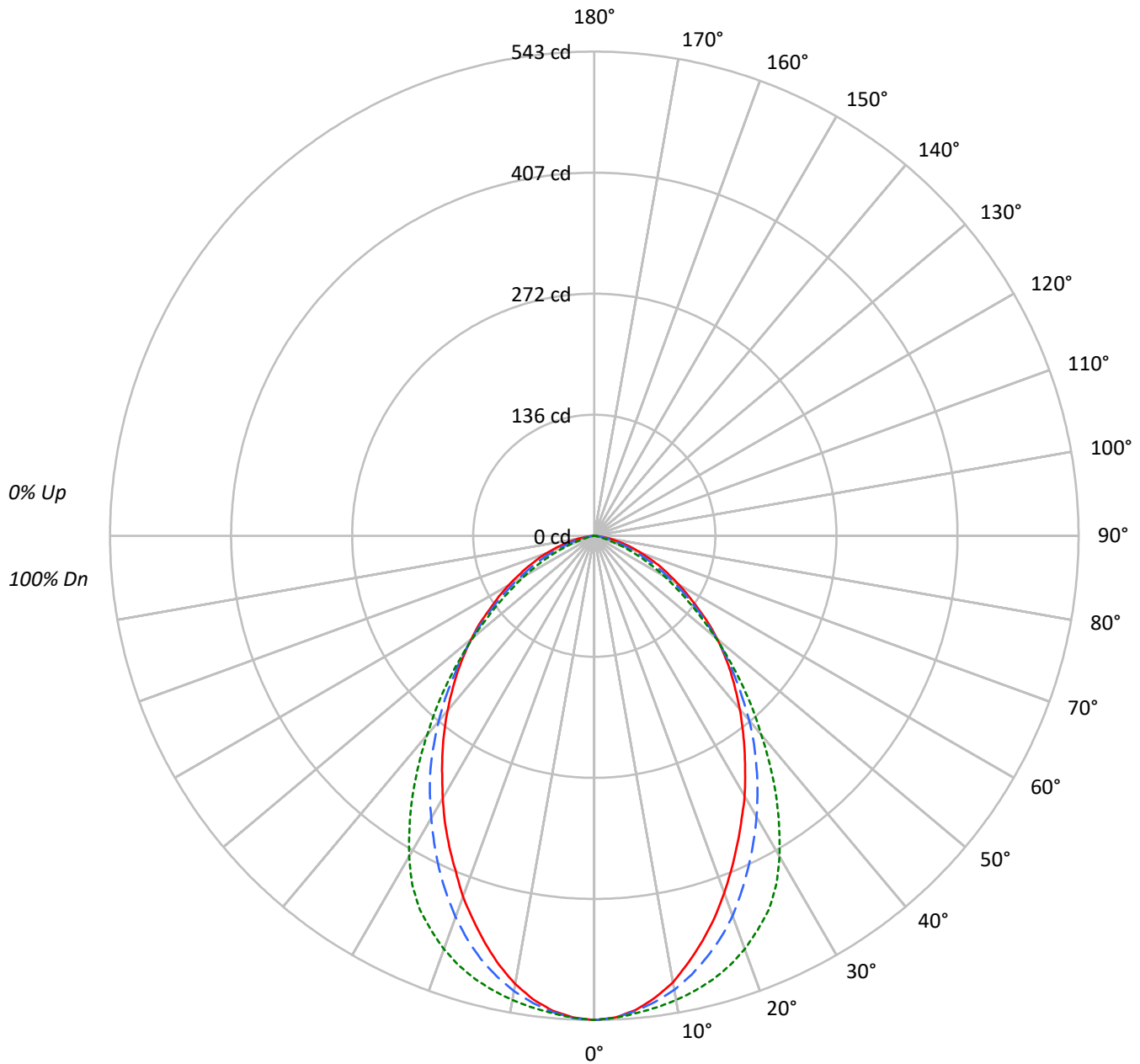
Lumens per Lamp: N/A  
Luminaire Lumens: 972.0 lumens  
Efficiency: N/A  
Efficacy: 73.1 lumens/watt  
Spacing Criteria (0/90/45): 0.97 / 1.15 / 1.13  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

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

TEST NUMBER: P843981

CATALOG NUMBER: LD6C10DE010B40 EU6C10B40 6LBLDWWLI

### Luminous Intensity Polar Plot





TEST NUMBER: P843981

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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 | 108 | 105 | 102 | 99  | 101 | 98  | 96  | 97  | 95  | 93  | 93  | 92  | 90  | 88  |    |    |
| 2   | 103 | 96  | 90  | 85  | 100 | 94  | 89  | 84  | 91  | 86  | 82  | 87  | 84  | 81  | 85  | 82  | 79  | 77  |    |    |
| 3   | 95  | 86  | 79  | 73  | 93  | 84  | 78  | 73  | 82  | 76  | 72  | 79  | 74  | 70  | 77  | 73  | 69  | 67  |    |    |
| 4   | 88  | 77  | 70  | 64  | 86  | 76  | 69  | 64  | 74  | 68  | 63  | 72  | 66  | 62  | 70  | 65  | 61  | 59  |    |    |
| 5   | 82  | 70  | 62  | 57  | 80  | 69  | 62  | 56  | 67  | 61  | 56  | 65  | 60  | 55  | 64  | 59  | 55  | 53  |    |    |
| 6   | 76  | 64  | 56  | 50  | 74  | 63  | 56  | 50  | 61  | 55  | 50  | 60  | 54  | 49  | 58  | 53  | 49  | 47  |    |    |
| 7   | 71  | 59  | 51  | 45  | 69  | 58  | 50  | 45  | 56  | 50  | 45  | 55  | 49  | 45  | 54  | 48  | 44  | 42  |    |    |
| 8   | 66  | 54  | 46  | 41  | 65  | 53  | 46  | 41  | 52  | 45  | 41  | 51  | 45  | 40  | 50  | 44  | 40  | 38  |    |    |
| 9   | 62  | 50  | 42  | 37  | 61  | 49  | 42  | 37  | 48  | 42  | 37  | 47  | 41  | 37  | 46  | 41  | 37  | 35  |    |    |
| 10  | 59  | 46  | 39  | 34  | 57  | 46  | 39  | 34  | 45  | 39  | 34  | 44  | 38  | 34  | 43  | 38  | 34  | 32  |    |    |

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

|     | 0°    | 90°   | 180°  |
|-----|-------|-------|-------|
| 0°  | 29767 | 29767 | 29767 |
| 5°  | 29375 | 29584 | 29419 |
| 10° | 28301 | 29431 | 28412 |
| 15° | 26669 | 29223 | 26845 |
| 20° | 24852 | 28773 | 25121 |
| 25° | 22985 | 27994 | 23263 |
| 30° | 21345 | 26283 | 21497 |
| 35° | 19642 | 23771 | 19863 |
| 40° | 18148 | 20853 | 18313 |
| 45° | 16769 | 18025 | 16823 |
| 50° | 15334 | 15113 | 15326 |
| 55° | 13553 | 12339 | 13610 |
| 60° | 11962 | 9901  | 12137 |
| 65° | 10533 | 7368  | 10611 |
| 70° | 8864  | 4632  | 9104  |
| 75° | 7032  | 1949  | 7223  |
| 80° | 4704  | 474   | 5051  |
| 85° | 1950  | 126   | 2264  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 50.6   | 5.2       |
| 10°-20°   | 138.1  | 14.2      |
| 20°-30°   | 190.6  | 19.6      |
| 30°-40°   | 200.5  | 20.6      |
| 40°-50°   | 172.7  | 17.8      |
| 50°-60°   | 122.9  | 12.6      |
| 60°-70°   | 69.3   | 7.1       |
| 70°-80°   | 24.6   | 2.5       |
| 80°-90°   | 2.8    | 0.3       |
| 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°    | 379.2  | 39.0      |
| 0°-40°    | 579.7  | 59.6      |
| 0°-60°    | 875.3  | 90.1      |
| 0°-90°    | 972.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 972.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | 45° | 90° | 135° | 180° | Flux |
|-----|-----|-----|-----|------|------|------|
| 0°  | 543 | 543 | 543 | 543  | 543  |      |
| 5°  | 534 | 535 | 538 | 536  | 535  | 50   |
| 15° | 470 | 489 | 515 | 492  | 473  | 132  |
| 25° | 380 | 409 | 463 | 412  | 385  | 175  |
| 35° | 294 | 317 | 355 | 320  | 297  | 184  |
| 45° | 216 | 222 | 232 | 223  | 217  | 167  |
| 55° | 142 | 137 | 129 | 137  | 142  | 128  |
| 65° | 81  | 70  | 57  | 70   | 82   | 80   |
| 75° | 33  | 22  | 9   | 23   | 34   | 36   |
| 85° | 3   | 2   | 0   | 2    | 4    | 5    |
| 90° | 0   | 0   | 0   | 0    | 0    |      |



TEST NUMBER: P843981

CATALOG NUMBER: LD6C10DE010B40 EU6C10B40 6LBLDWWLI

**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 543.0 | 543.0 | 543.0 | 543.0 | 543.0 | 543.0 | 543.0 | 543.0 | 543.0 | 543.0 | 543.0 |
| 2.5°  | 540.7 | 540.8 | 540.8 | 541.0 | 540.8 | 540.8 | 541.0 | 541.0 | 540.8 | 541.0 | 541.0 |
| 5°    | 533.8 | 533.6 | 533.8 | 533.9 | 534.4 | 534.4 | 534.3 | 534.3 | 534.8 | 534.6 | 535.1 |
| 7.5°  | 522.5 | 522.5 | 523.1 | 523.4 | 523.4 | 523.6 | 524.0 | 524.7 | 525.4 | 525.6 | 526.9 |
| 10°   | 508.4 | 508.5 | 508.4 | 509.1 | 509.7 | 510.5 | 510.4 | 511.7 | 513.0 | 514.8 | 517.1 |
| 12.5° | 489.7 | 490.2 | 491.4 | 491.4 | 493.0 | 493.9 | 493.7 | 496.6 | 499.0 | 501.1 | 504.1 |
| 15°   | 469.9 | 469.8 | 470.6 | 472.1 | 473.7 | 475.0 | 475.5 | 479.3 | 481.8 | 485.3 | 488.9 |
| 17.5° | 448.8 | 448.2 | 449.6 | 450.6 | 453.3 | 454.9 | 455.9 | 459.2 | 463.0 | 467.4 | 472.3 |
| 20°   | 426.0 | 427.0 | 427.3 | 428.6 | 432.3 | 433.5 | 435.3 | 438.9 | 442.7 | 447.8 | 453.4 |
| 22.5° | 402.9 | 404.1 | 404.9 | 406.4 | 409.4 | 410.5 | 412.3 | 417.6 | 421.7 | 426.2 | 431.5 |
| 25°   | 380.0 | 381.5 | 382.8 | 384.8 | 386.7 | 388.4 | 390.7 | 394.3 | 399.0 | 403.2 | 409.2 |
| 27.5° | 357.7 | 359.0 | 359.4 | 361.7 | 364.0 | 366.3 | 367.5 | 371.9 | 375.9 | 381.0 | 386.7 |
| 30°   | 337.2 | 336.5 | 337.4 | 339.4 | 342.1 | 343.5 | 345.7 | 348.6 | 353.0 | 357.9 | 363.8 |
| 32.5° | 314.8 | 314.8 | 316.2 | 318.6 | 320.7 | 321.8 | 322.6 | 326.5 | 330.8 | 335.6 | 340.5 |
| 35°   | 293.5 | 294.2 | 295.5 | 297.0 | 299.3 | 300.3 | 301.8 | 304.8 | 308.2 | 313.5 | 317.1 |
| 37.5° | 273.1 | 273.6 | 274.9 | 276.3 | 278.2 | 280.0 | 280.7 | 283.8 | 286.3 | 290.6 | 294.0 |
| 40°   | 253.6 | 253.8 | 255.3 | 255.8 | 257.4 | 258.2 | 259.6 | 261.2 | 264.8 | 266.7 | 269.9 |
| 42.5° | 234.1 | 235.0 | 235.5 | 236.8 | 236.9 | 238.4 | 239.1 | 239.7 | 242.6 | 243.7 | 245.5 |
| 45°   | 216.3 | 216.3 | 216.8 | 216.8 | 217.8 | 217.2 | 218.3 | 219.4 | 219.6 | 221.4 | 222.4 |
| 47.5° | 197.8 | 197.2 | 198.0 | 197.8 | 197.6 | 197.6 | 198.0 | 198.2 | 198.7 | 200.0 | 200.5 |
| 50°   | 179.8 | 178.5 | 178.5 | 178.4 | 178.2 | 178.7 | 178.7 | 178.5 | 178.5 | 179.2 | 178.5 |
| 52.5° | 161.5 | 161.2 | 160.2 | 159.6 | 159.2 | 159.2 | 159.2 | 158.4 | 158.4 | 158.1 | 156.8 |
| 55°   | 141.8 | 142.4 | 141.9 | 141.6 | 141.4 | 140.9 | 140.9 | 139.9 | 138.6 | 137.8 | 137.1 |
| 57.5° | 124.7 | 125.4 | 125.4 | 124.7 | 123.8 | 123.4 | 122.6 | 122.1 | 120.8 | 119.5 | 118.0 |
| 60°   | 109.1 | 110.1 | 108.8 | 108.2 | 108.1 | 107.6 | 107.1 | 105.1 | 103.9 | 102.6 | 101.0 |
| 62.5° | 94.2  | 94.7  | 93.7  | 93.2  | 92.6  | 92.1  | 91.9  | 90.3  | 88.1  | 86.5  | 84.5  |
| 65°   | 81.2  | 80.7  | 80.3  | 79.4  | 78.5  | 77.7  | 77.7  | 75.6  | 73.6  | 71.6  | 69.6  |
| 67.5° | 67.6  | 68.0  | 67.5  | 66.7  | 65.3  | 64.5  | 63.5  | 62.0  | 60.2  | 58.2  | 55.8  |
| 70°   | 55.3  | 55.1  | 54.6  | 53.8  | 53.0  | 51.7  | 50.8  | 50.0  | 47.5  | 45.2  | 43.2  |
| 72.5° | 44.1  | 43.9  | 43.4  | 42.4  | 41.1  | 40.6  | 39.9  | 38.1  | 36.1  | 34.1  | 31.9  |
| 75°   | 33.2  | 33.3  | 32.5  | 32.0  | 30.7  | 30.1  | 29.9  | 27.7  | 26.1  | 24.3  | 22.3  |
| 77.5° | 23.8  | 23.8  | 22.8  | 22.1  | 21.4  | 21.0  | 20.3  | 19.0  | 17.8  | 16.0  | 14.3  |
| 80°   | 14.9  | 14.9  | 14.9  | 14.2  | 13.4  | 13.0  | 12.5  | 11.6  | 10.4  | 9.2   | 8.1   |
| 82.5° | 7.9   | 7.9   | 7.6   | 7.4   | 7.1   | 6.7   | 6.6   | 6.1   | 5.3   | 4.8   | 4.0   |
| 85°   | 3.1   | 3.1   | 2.9   | 2.9   | 2.5   | 2.5   | 2.3   | 2.2   | 1.8   | 1.6   | 1.5   |
| 87.5° | 0.3   | 0.3   | 0.3   | 0.3   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 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: P843981

CATALOG NUMBER: LD6C10DE010B40 EU6C10B40 6LBLDWWLI

**CANDELA DISTRIBUTION (continued):**

|       | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 543.0 | 543.0 | 543.0 | 543.0 | 543.0 | 543.0 | 543.0 | 543.0 | 543.0 | 543.0 | 543.0 |
| 2.5°  | 541.2 | 541.2 | 541.0 | 541.2 | 541.2 | 541.2 | 541.2 | 541.2 | 541.2 | 541.2 | 541.4 |
| 5°    | 535.4 | 535.9 | 536.1 | 536.3 | 536.6 | 536.9 | 537.0 | 537.2 | 537.4 | 537.6 | 537.6 |
| 7.5°  | 528.0 | 529.2 | 530.1 | 531.0 | 531.4 | 531.8 | 532.3 | 533.0 | 533.6 | 533.6 | 533.4 |
| 10°   | 519.1 | 520.7 | 522.5 | 524.2 | 524.7 | 525.6 | 526.5 | 527.5 | 528.5 | 528.7 | 528.7 |
| 12.5° | 507.5 | 509.3 | 512.5 | 515.3 | 516.3 | 517.6 | 519.4 | 521.1 | 521.9 | 522.5 | 522.4 |
| 15°   | 493.0 | 496.8 | 501.3 | 504.4 | 505.9 | 508.0 | 510.9 | 512.7 | 514.2 | 514.9 | 514.5 |
| 17.5° | 477.2 | 482.1 | 486.9 | 491.2 | 493.2 | 495.3 | 499.3 | 502.6 | 504.7 | 505.3 | 504.9 |
| 20°   | 459.2 | 464.7 | 469.9 | 475.2 | 477.9 | 480.5 | 484.6 | 488.8 | 492.4 | 493.2 | 492.6 |
| 22.5° | 437.9 | 444.0 | 450.3 | 456.4 | 459.4 | 461.8 | 467.8 | 472.4 | 476.7 | 478.5 | 477.2 |
| 25°   | 415.8 | 422.2 | 429.0 | 434.3 | 437.6 | 441.7 | 447.1 | 452.6 | 457.6 | 462.8 | 458.2 |
| 27.5° | 392.2 | 398.1 | 405.2 | 412.5 | 415.8 | 418.6 | 424.2 | 431.1 | 436.4 | 441.7 | 436.4 |
| 30°   | 368.6 | 376.2 | 382.5 | 388.9 | 392.5 | 396.0 | 401.6 | 407.2 | 412.3 | 415.2 | 411.9 |
| 32.5° | 346.5 | 352.1 | 358.4 | 364.6 | 367.1 | 369.9 | 374.6 | 379.8 | 384.8 | 385.6 | 383.5 |
| 35°   | 323.2 | 328.2 | 333.4 | 337.4 | 340.5 | 343.4 | 347.5 | 350.8 | 352.1 | 355.2 | 353.0 |
| 37.5° | 297.0 | 301.3 | 306.1 | 308.9 | 311.7 | 314.0 | 317.1 | 320.0 | 321.1 | 323.4 | 321.8 |
| 40°   | 272.1 | 275.7 | 278.5 | 281.5 | 283.0 | 285.3 | 286.6 | 288.9 | 290.2 | 291.4 | 291.5 |
| 42.5° | 248.2 | 250.2 | 252.1 | 254.4 | 254.9 | 255.4 | 258.5 | 260.2 | 261.4 | 262.2 | 261.0 |
| 45°   | 223.7 | 225.7 | 226.4 | 228.0 | 229.0 | 229.3 | 230.6 | 230.8 | 231.2 | 232.5 | 231.8 |
| 47.5° | 201.4 | 201.6 | 202.1 | 202.9 | 203.3 | 203.3 | 203.9 | 203.3 | 203.6 | 203.8 | 204.1 |
| 50°   | 178.0 | 179.3 | 178.0 | 178.7 | 179.0 | 178.7 | 178.2 | 177.9 | 177.4 | 177.2 | 176.9 |
| 52.5° | 155.9 | 156.1 | 155.4 | 154.8 | 154.3 | 154.5 | 153.0 | 152.3 | 152.5 | 151.3 | 152.6 |
| 55°   | 135.8 | 135.1 | 133.5 | 132.9 | 131.7 | 131.5 | 131.3 | 130.4 | 128.9 | 129.1 | 129.5 |
| 57.5° | 116.4 | 115.2 | 113.5 | 112.6 | 112.2 | 110.7 | 110.6 | 109.1 | 108.2 | 108.1 | 108.1 |
| 60°   | 98.8  | 97.7  | 96.1  | 94.4  | 93.2  | 92.4  | 91.6  | 90.1  | 90.4  | 90.3  | 89.4  |
| 62.5° | 82.2  | 80.9  | 78.5  | 76.7  | 75.9  | 75.4  | 74.1  | 73.1  | 72.6  | 73.1  | 72.6  |
| 65°   | 67.3  | 65.3  | 62.5  | 60.7  | 60.6  | 59.9  | 58.4  | 57.6  | 57.1  | 56.8  | 57.3  |
| 67.5° | 53.5  | 50.8  | 49.2  | 46.7  | 45.7  | 45.4  | 43.4  | 42.2  | 42.4  | 42.2  | 42.4  |
| 70°   | 40.8  | 38.1  | 35.9  | 34.1  | 32.7  | 32.0  | 31.0  | 29.5  | 29.4  | 28.9  | 29.5  |
| 72.5° | 29.5  | 27.2  | 25.2  | 23.2  | 21.9  | 21.3  | 19.8  | 18.3  | 18.0  | 17.6  | 17.6  |
| 75°   | 20.3  | 18.3  | 16.2  | 14.3  | 13.4  | 12.7  | 11.2  | 10.2  | 9.2   | 9.2   | 9.2   |
| 77.5° | 12.7  | 11.1  | 9.4   | 8.1   | 7.6   | 6.9   | 5.6   | 4.5   | 4.1   | 3.6   | 3.8   |
| 80°   | 7.3   | 6.0   | 5.1   | 4.1   | 3.6   | 3.3   | 2.5   | 2.0   | 1.5   | 1.5   | 1.5   |
| 82.5° | 3.5   | 2.9   | 2.2   | 1.8   | 1.6   | 1.3   | 1.0   | 0.7   | 0.5   | 0.3   | 0.3   |
| 85°   | 1.1   | 1.0   | 0.7   | 0.5   | 0.3   | 0.3   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   |
| 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: P843981

CATALOG NUMBER: LD6C10DE010B40 EU6C10B40 6LBLDWWLI

**CANDELA DISTRIBUTION (continued):**

|       | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 543.0 | 543.0 | 543.0 | 543.0  | 543.0 | 543.0 | 543.0 | 543.0 | 543.0 | 543.0 | 543.0 |
| 2.5°  | 541.2 | 541.4 | 541.2 | 541.4  | 541.2 | 541.5 | 541.5 | 541.4 | 541.4 | 541.4 | 541.2 |
| 5°    | 537.4 | 537.4 | 537.2 | 537.2  | 537.2 | 537.0 | 536.4 | 536.4 | 536.1 | 535.9 | 535.6 |
| 7.5°  | 533.3 | 532.8 | 532.3 | 532.1  | 531.6 | 531.0 | 530.0 | 529.0 | 528.3 | 527.4 | 526.5 |
| 10°   | 528.2 | 527.2 | 526.2 | 525.4  | 525.0 | 523.7 | 522.2 | 519.9 | 518.6 | 516.9 | 515.1 |
| 12.5° | 521.6 | 520.6 | 518.6 | 517.1  | 516.1 | 513.8 | 511.5 | 508.7 | 505.9 | 502.9 | 501.1 |
| 15°   | 513.1 | 511.3 | 508.7 | 507.2  | 505.7 | 502.4 | 498.3 | 494.4 | 491.5 | 488.2 | 483.9 |
| 17.5° | 503.1 | 500.4 | 497.0 | 494.5  | 492.6 | 488.2 | 483.3 | 478.5 | 474.1 | 470.1 | 465.8 |
| 20°   | 489.4 | 486.1 | 481.9 | 478.8  | 476.8 | 471.2 | 466.0 | 460.2 | 454.9 | 450.1 | 445.1 |
| 22.5° | 473.2 | 467.8 | 463.6 | 460.0  | 457.7 | 451.4 | 445.7 | 439.4 | 433.8 | 429.7 | 424.2 |
| 25°   | 452.9 | 447.6 | 442.4 | 439.4  | 436.1 | 429.3 | 423.4 | 417.0 | 411.7 | 406.4 | 401.4 |
| 27.5° | 431.3 | 425.2 | 419.4 | 415.9  | 412.8 | 406.3 | 400.3 | 394.5 | 388.6 | 382.8 | 378.2 |
| 30°   | 407.7 | 401.6 | 397.0 | 392.7  | 389.2 | 384.0 | 376.5 | 370.8 | 365.5 | 360.2 | 355.6 |
| 32.5° | 381.5 | 376.4 | 370.9 | 368.8  | 366.3 | 359.9 | 354.1 | 348.5 | 343.2 | 337.9 | 333.0 |
| 35°   | 351.0 | 347.0 | 343.7 | 341.4  | 339.7 | 334.1 | 329.6 | 323.6 | 320.4 | 315.1 | 311.5 |
| 37.5° | 319.8 | 317.8 | 315.6 | 312.7  | 310.4 | 307.1 | 304.4 | 299.5 | 295.7 | 291.9 | 287.9 |
| 40°   | 289.9 | 287.7 | 284.8 | 283.3  | 282.8 | 280.0 | 276.1 | 273.6 | 271.4 | 268.0 | 265.8 |
| 42.5° | 260.7 | 259.6 | 256.7 | 255.9  | 255.3 | 252.8 | 250.9 | 248.8 | 247.3 | 244.7 | 243.7 |
| 45°   | 231.0 | 230.8 | 230.0 | 229.3  | 229.0 | 227.2 | 226.8 | 224.1 | 222.8 | 222.3 | 221.2 |
| 47.5° | 204.7 | 204.1 | 203.1 | 204.1  | 202.5 | 202.3 | 202.3 | 201.8 | 201.3 | 199.8 | 199.6 |
| 50°   | 177.9 | 178.7 | 179.0 | 178.4  | 179.5 | 179.3 | 178.4 | 178.5 | 179.0 | 179.7 | 178.5 |
| 52.5° | 153.3 | 153.9 | 155.2 | 154.6  | 155.6 | 156.4 | 156.1 | 157.6 | 157.1 | 157.7 | 159.2 |
| 55°   | 129.8 | 131.8 | 133.1 | 132.5  | 133.3 | 134.3 | 134.7 | 136.0 | 137.1 | 138.3 | 139.3 |
| 57.5° | 109.7 | 110.2 | 112.0 | 112.6  | 112.7 | 113.7 | 115.5 | 117.5 | 118.8 | 119.6 | 120.6 |
| 60°   | 89.9  | 91.7  | 93.0  | 93.0   | 94.4  | 95.7  | 97.4  | 99.2  | 100.6 | 102.8 | 104.4 |
| 62.5° | 73.3  | 73.6  | 75.4  | 75.6   | 76.7  | 78.9  | 80.2  | 82.8  | 84.7  | 87.0  | 89.2  |
| 65°   | 57.1  | 58.7  | 59.9  | 60.0   | 61.7  | 63.2  | 65.0  | 67.6  | 70.1  | 72.1  | 74.1  |
| 67.5° | 42.8  | 43.7  | 45.2  | 46.4   | 46.7  | 49.2  | 51.8  | 54.3  | 56.4  | 58.2  | 60.7  |
| 70°   | 29.9  | 30.7  | 32.7  | 33.3   | 34.5  | 36.3  | 38.4  | 40.9  | 43.5  | 46.0  | 48.0  |
| 72.5° | 18.3  | 20.0  | 21.3  | 22.3   | 23.2  | 25.4  | 27.7  | 29.9  | 32.0  | 34.3  | 36.8  |
| 75°   | 10.2  | 11.2  | 12.7  | 13.7   | 14.7  | 16.3  | 18.5  | 20.6  | 22.6  | 24.6  | 26.4  |
| 77.5° | 4.5   | 5.6   | 6.9   | 7.6    | 8.4   | 9.8   | 11.4  | 13.2  | 14.9  | 16.3  | 18.0  |
| 80°   | 1.8   | 2.5   | 3.3   | 3.8    | 4.1   | 5.1   | 6.3   | 7.3   | 8.4   | 9.6   | 10.9  |
| 82.5° | 0.7   | 1.0   | 1.3   | 1.6    | 1.8   | 2.3   | 2.9   | 3.5   | 4.3   | 4.9   | 5.6   |
| 85°   | 0.2   | 0.2   | 0.3   | 0.3    | 0.5   | 0.7   | 1.0   | 1.3   | 1.5   | 1.6   | 2.0   |
| 87.5° | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   | 0.0   | 0.0   | 0.2   | 0.2   | 0.2   | 0.3   |
| 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: P843981

CATALOG NUMBER: LD6C10DE010B40 EU6C10B40 6LBLDWWLI

**CANDELA DISTRIBUTION (continued):**

|       | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  |
|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| 0°    | 543.0 | 543.0 | 543.0  | 543.0 | 543.0 | 543.0 | 543.0 | 543.0 |
| 2.5°  | 541.2 | 541.0 | 541.0  | 541.0 | 541.0 | 540.8 | 540.8 | 540.8 |
| 5°    | 535.7 | 535.4 | 535.2  | 535.2 | 534.6 | 534.8 | 534.8 | 534.6 |
| 7.5°  | 526.2 | 525.7 | 525.2  | 525.6 | 525.4 | 524.9 | 524.7 | 524.5 |
| 10°   | 513.6 | 513.0 | 512.7  | 511.8 | 511.3 | 511.0 | 511.0 | 510.4 |
| 12.5° | 498.8 | 496.8 | 496.6  | 495.7 | 494.4 | 493.7 | 494.0 | 493.0 |
| 15°   | 482.3 | 479.3 | 477.9  | 477.2 | 475.7 | 474.5 | 473.4 | 473.0 |
| 17.5° | 462.2 | 458.9 | 457.7  | 457.1 | 453.9 | 453.8 | 452.3 | 451.8 |
| 20°   | 441.1 | 438.2 | 436.6  | 435.5 | 433.1 | 431.0 | 430.8 | 430.6 |
| 22.5° | 420.6 | 415.9 | 414.5  | 412.8 | 410.3 | 408.5 | 407.4 | 406.4 |
| 25°   | 397.5 | 393.7 | 391.1  | 389.4 | 387.6 | 386.1 | 384.8 | 384.6 |
| 27.5° | 374.2 | 370.6 | 368.9  | 367.5 | 365.1 | 363.5 | 362.0 | 362.8 |
| 30°   | 351.6 | 348.0 | 346.1  | 345.0 | 342.7 | 341.7 | 339.2 | 339.6 |
| 32.5° | 329.0 | 325.8 | 324.5  | 322.4 | 320.1 | 319.1 | 318.1 | 317.5 |
| 35°   | 307.5 | 304.8 | 302.9  | 301.5 | 299.5 | 297.7 | 296.8 | 296.8 |
| 37.5° | 285.6 | 282.8 | 282.0  | 280.8 | 279.0 | 276.5 | 275.6 | 276.3 |
| 40°   | 263.2 | 261.2 | 260.4  | 259.6 | 257.9 | 256.9 | 255.9 | 255.9 |
| 42.5° | 242.0 | 240.1 | 239.9  | 239.1 | 237.7 | 237.1 | 236.4 | 235.9 |
| 45°   | 219.9 | 219.0 | 218.3  | 218.3 | 218.1 | 217.9 | 217.3 | 217.0 |
| 47.5° | 198.7 | 198.8 | 198.5  | 198.3 | 198.5 | 198.0 | 198.7 | 198.2 |
| 50°   | 179.3 | 179.0 | 179.3  | 179.0 | 179.2 | 179.8 | 179.2 | 179.7 |
| 52.5° | 158.6 | 160.2 | 160.4  | 159.7 | 160.4 | 161.0 | 161.4 | 162.2 |
| 55°   | 140.3 | 140.9 | 141.2  | 141.9 | 142.4 | 143.4 | 142.4 | 142.4 |
| 57.5° | 122.6 | 123.4 | 123.8  | 124.4 | 125.9 | 125.3 | 126.2 | 126.9 |
| 60°   | 106.4 | 107.6 | 108.2  | 108.8 | 109.4 | 110.6 | 110.9 | 110.7 |
| 62.5° | 90.6  | 92.3  | 92.4   | 93.9  | 94.2  | 95.2  | 95.9  | 95.2  |
| 65°   | 75.9  | 77.4  | 78.5   | 79.4  | 80.5  | 81.4  | 81.2  | 81.8  |
| 67.5° | 62.5  | 64.4  | 65.3   | 65.7  | 67.1  | 67.5  | 68.3  | 68.9  |
| 70°   | 50.4  | 51.7  | 52.8   | 53.3  | 54.3  | 55.3  | 56.2  | 56.8  |
| 72.5° | 38.4  | 40.4  | 41.6   | 41.9  | 43.4  | 44.1  | 44.4  | 44.9  |
| 75°   | 28.5  | 30.1  | 30.7   | 31.5  | 32.3  | 34.0  | 33.7  | 34.1  |
| 77.5° | 19.8  | 20.8  | 21.9   | 21.9  | 23.2  | 23.6  | 24.4  | 24.6  |
| 80°   | 11.7  | 13.0  | 13.6   | 13.7  | 14.7  | 15.2  | 15.5  | 16.0  |
| 82.5° | 6.1   | 7.1   | 7.1    | 7.4   | 8.1   | 8.1   | 8.4   | 8.7   |
| 85°   | 2.3   | 2.7   | 2.9    | 2.9   | 3.1   | 3.5   | 3.5   | 3.6   |
| 87.5° | 0.3   | 0.3   | 0.3    | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   |
| 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)