

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: PORTFOLIO

Report Number: P1317020

Luminaire Tested: LDSQA3D02R259827DE010 3LSQCA45R 1MB

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1317020  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-75)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D02R259827DE010 3LSQCA45R 1MB  
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 98CRI , 3LSQCA45R 1MB TRIM  
Light Source: -  
Ballast/Driver: -

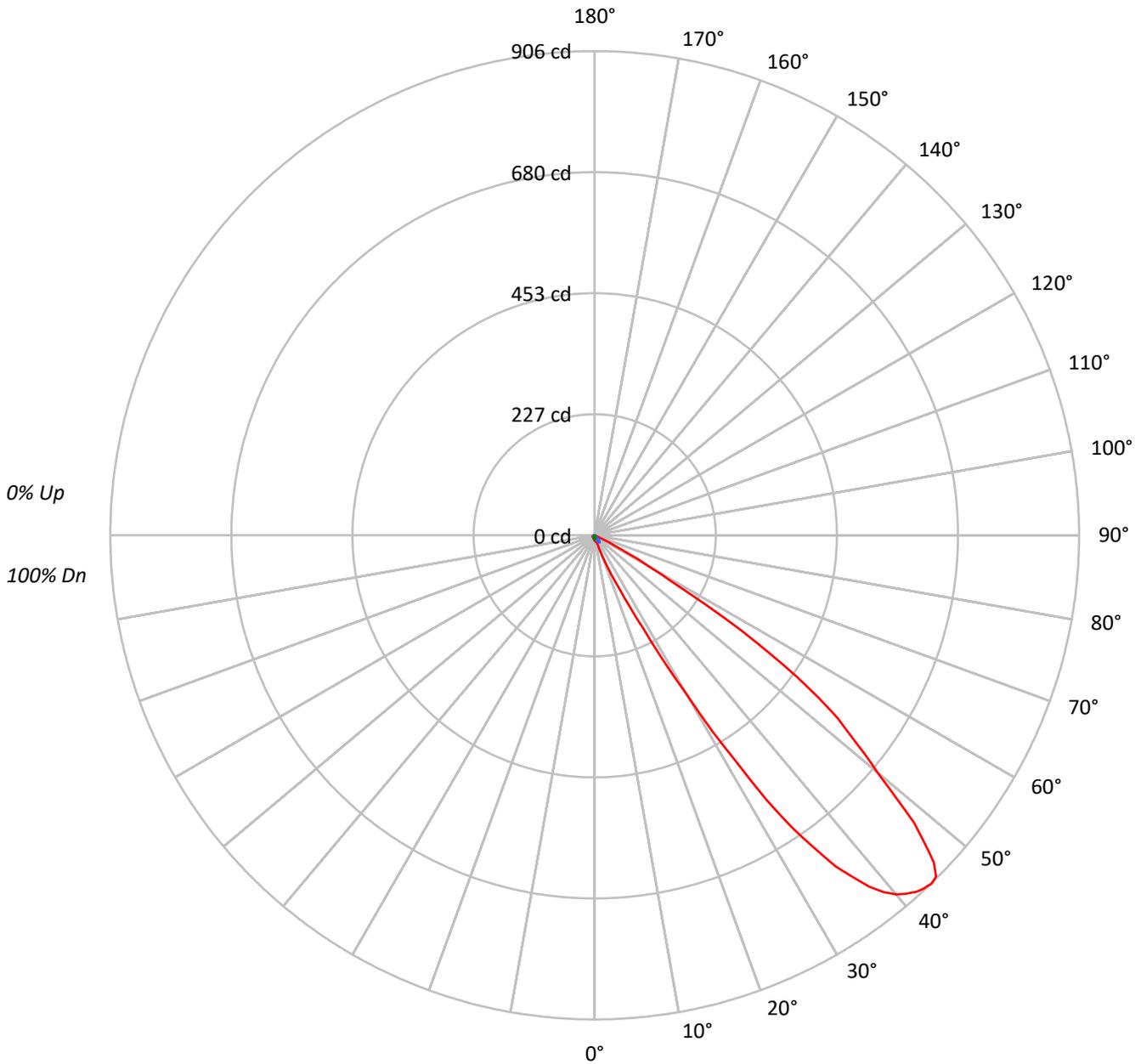
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 189.0 lumens  
Efficiency: N/A  
Efficacy: 52.5 lumens/watt  
Spacing Criteria (0/90/45): 3.65 / 0.61 / 1.37  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 3.6  
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: 24 FT

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### Luminous Intensity Polar Plot



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



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

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| RF  | 20  |     |     |     | 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  | 0   |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | 100 | 100 | 100 |
| 1   | 110 | 106 | 102 | 99  | 108 | 104 | 101 | 97  | 100 | 97  | 94  | 96  | 94  | 92  | 92  | 91  | 89  | 87  | 87  | 87  | 87  |
| 2   | 101 | 93  | 87  | 82  | 98  | 91  | 86  | 81  | 88  | 83  | 79  | 85  | 81  | 77  | 82  | 78  | 75  | 73  | 73  | 73  | 73  |
| 3   | 92  | 81  | 74  | 67  | 89  | 80  | 73  | 67  | 77  | 71  | 66  | 74  | 69  | 64  | 72  | 67  | 63  | 61  | 61  | 61  | 61  |
| 4   | 83  | 71  | 62  | 56  | 81  | 70  | 62  | 55  | 67  | 60  | 55  | 65  | 59  | 54  | 63  | 58  | 53  | 51  | 51  | 51  | 51  |
| 5   | 75  | 62  | 53  | 46  | 73  | 61  | 53  | 46  | 59  | 51  | 46  | 57  | 50  | 45  | 55  | 49  | 45  | 42  | 42  | 42  | 42  |
| 6   | 68  | 55  | 45  | 39  | 66  | 54  | 45  | 39  | 52  | 44  | 38  | 50  | 43  | 38  | 48  | 42  | 37  | 35  | 35  | 35  | 35  |
| 7   | 62  | 48  | 39  | 32  | 60  | 47  | 39  | 32  | 46  | 38  | 32  | 44  | 37  | 32  | 43  | 36  | 32  | 29  | 29  | 29  | 29  |
| 8   | 57  | 43  | 34  | 27  | 55  | 42  | 33  | 27  | 40  | 33  | 27  | 39  | 32  | 27  | 38  | 32  | 27  | 25  | 25  | 25  | 25  |
| 9   | 52  | 38  | 29  | 23  | 51  | 37  | 29  | 23  | 36  | 28  | 23  | 35  | 28  | 23  | 34  | 27  | 23  | 21  | 21  | 21  | 21  |
| 10  | 48  | 34  | 25  | 20  | 47  | 33  | 25  | 20  | 32  | 25  | 20  | 31  | 24  | 19  | 30  | 24  | 19  | 17  | 17  | 17  | 17  |

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

|     | 0°     | 45°  | 90°  | 135° | 180° |
|-----|--------|------|------|------|------|
| 0°  | 1653   | 1653 | 1653 | 1653 | 1653 |
| 5°  | 1902   | 1815 | 1608 | 1435 | 1400 |
| 10° | 1889   | 1714 | 1364 | 1189 | 1189 |
| 15° | 2104   | 1480 | 1070 | 1016 | 1070 |
| 20° | 7441   | 1466 | 825  | 861  | 953  |
| 25° | 21397  | 1862 | 665  | 798  | 912  |
| 30° | 68271  | 2884 | 537  | 756  | 935  |
| 35° | 149526 | 3385 | 463  | 736  | 946  |
| 40° | 197235 | 3058 | 382  | 742  | 1012 |
| 45° | 219959 | 2143 | 365  | 804  | 1096 |
| 50° | 185140 | 1125 | 348  | 857  | 1206 |
| 55° | 138420 | 450  | 360  | 961  | 1351 |
| 60° | 42849  | 103  | 344  | 1033 | 1481 |
| 65° | 3668   | 0    | 408  | 1100 | 1630 |
| 70° | 252    | 101  | 403  | 1259 | 1863 |
| 75° | 200    | 133  | 532  | 1331 | 2129 |
| 80° | 198    | 198  | 793  | 1488 | 2479 |
| 85° | 395    | 395  | 1383 | 1581 | 2569 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 219959 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 0.9    | 0.5       |
| 10°-20°   | 2.2    | 1.2       |
| 20°-30°   | 10.5   | 5.5       |
| 30°-40°   | 50.3   | 26.6      |
| 40°-50°   | 78.9   | 41.7      |
| 50°-60°   | 40.5   | 21.4      |
| 60°-70°   | 3.8    | 2.0       |
| 70°-80°   | 1.3    | 0.7       |
| 80°-90°   | 0.7    | 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°    | 13.6   | 7.2       |
| 0°-40°    | 63.9   | 33.8      |
| 0°-60°    | 183.3  | 97.0      |
| 0°-90°    | 189.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 189.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | 45° | 90° | 135° | 180° | Flux |
|-----|-----|-----|-----|------|------|------|
| 0°  | 10  | 10  | 10  | 10   | 10   |      |
| 5°  | 11  | 10  | 9   | 8    | 8    | 1    |
| 15° | 12  | 8   | 6   | 6    | 6    | 5    |
| 25° | 113 | 10  | 4   | 4    | 5    | 70   |
| 35° | 711 | 16  | 2   | 4    | 4    | 432  |
| 45° | 903 | 9   | 2   | 3    | 4    | 661  |
| 55° | 461 | 2   | 1   | 3    | 4    | 384  |
| 65° | 9   | 0   | 1   | 3    | 4    | 28   |
| 75° | 0   | 0   | 1   | 2    | 3    | 0    |
| 85° | 0   | 0   | 1   | 1    | 1    | 0    |
| 90° | 0   | 0   | 0   | 0    | 0    |      |



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 2.5°  | 5°    | 7.5°  | 10°   | 12.5° | 15°   | 17.5° | 20°   | 22.5° | 45°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 0°    | 9.6   | 9.6   | 9.6   | 9.6   | 9.6   | 9.6   | 9.6   | 9.6   | 9.6   | 9.6   | 9.6  |
| 2.5°  | 10.5  | 10.5  | 10.5  | 10.5  | 10.5  | 10.5  | 10.3  | 10.3  | 10.5  | 10.3  | 10.3 |
| 5°    | 11.0  | 11.0  | 11.0  | 11.0  | 11.0  | 11.0  | 11.0  | 10.8  | 10.8  | 10.8  | 10.5 |
| 7.5°  | 11.1  | 11.0  | 11.0  | 11.0  | 11.0  | 11.0  | 11.0  | 11.0  | 10.8  | 10.8  | 10.3 |
| 10°   | 10.8  | 10.8  | 10.8  | 10.8  | 10.6  | 10.6  | 10.6  | 10.5  | 10.5  | 10.5  | 9.8  |
| 12.5° | 10.8  | 10.8  | 10.8  | 10.8  | 10.6  | 10.6  | 10.5  | 10.5  | 10.3  | 10.1  | 9.0  |
| 15°   | 11.8  | 11.8  | 11.8  | 11.6  | 11.5  | 11.3  | 11.1  | 11.0  | 10.8  | 10.5  | 8.3  |
| 17.5° | 17.3  | 16.8  | 16.6  | 16.0  | 15.1  | 14.3  | 13.6  | 13.0  | 12.3  | 11.8  | 8.0  |
| 20°   | 40.6  | 40.4  | 39.6  | 37.6  | 35.4  | 32.9  | 30.4  | 27.6  | 23.6  | 21.0  | 8.0  |
| 22.5° | 70.4  | 69.4  | 67.9  | 66.4  | 62.5  | 58.0  | 53.4  | 48.1  | 42.9  | 37.4  | 8.5  |
| 25°   | 112.6 | 114.9 | 109.9 | 105.9 | 99.3  | 91.1  | 82.3  | 75.0  | 65.7  | 57.0  | 9.8  |
| 27.5° | 195.8 | 197.3 | 187.4 | 174.5 | 159.0 | 141.9 | 125.2 | 112.8 | 97.1  | 82.8  | 12.3 |
| 30°   | 343.3 | 344.8 | 328.3 | 300.7 | 268.8 | 240.7 | 202.6 | 169.1 | 138.4 | 114.6 | 14.5 |
| 31°   | 428.4 | 416.8 | 397.7 | 370.9 | 330.5 | 288.1 | 242.3 | 201.9 | 163.0 | 131.7 | 15.1 |
| 32°   | 502.4 | 501.4 | 479.2 | 438.6 | 398.0 | 345.6 | 288.9 | 236.2 | 188.4 | 149.0 | 15.6 |
| 33°   | 589.8 | 583.1 | 551.7 | 513.4 | 459.7 | 407.0 | 333.8 | 273.6 | 214.5 | 168.3 | 16.0 |
| 34°   | 659.8 | 641.8 | 628.8 | 585.1 | 528.4 | 461.2 | 382.9 | 313.2 | 247.1 | 186.9 | 16.1 |
| 35°   | 711.2 | 707.3 | 682.1 | 641.3 | 583.6 | 514.9 | 435.7 | 354.3 | 274.4 | 208.6 | 16.1 |
| 36°   | 765.6 | 753.7 | 729.1 | 692.2 | 636.0 | 565.0 | 476.2 | 389.8 | 306.2 | 228.0 | 16.0 |
| 37°   | 799.6 | 792.7 | 768.2 | 730.1 | 675.1 | 607.2 | 521.4 | 427.4 | 331.5 | 247.5 | 15.6 |
| 38°   | 834.7 | 820.6 | 796.5 | 760.1 | 706.0 | 642.3 | 554.2 | 456.4 | 354.8 | 264.6 | 15.1 |
| 39°   | 859.0 | 844.4 | 819.8 | 783.5 | 730.6 | 667.4 | 580.1 | 481.0 | 375.0 | 277.4 | 14.5 |
| 40°   | 877.3 | 863.2 | 838.2 | 801.0 | 748.8 | 687.2 | 601.7 | 502.8 | 392.0 | 288.6 | 13.6 |
| 41°   | 888.6 | 875.5 | 850.7 | 813.6 | 761.2 | 698.5 | 615.9 | 516.9 | 403.5 | 296.0 | 12.8 |
| 42°   | 898.1 | 884.6 | 859.4 | 821.4 | 768.9 | 708.2 | 624.5 | 525.9 | 411.3 | 299.9 | 12.1 |
| 43°   | 903.4 | 890.0 | 865.3 | 826.6 | 773.5 | 712.7 | 629.2 | 530.0 | 414.0 | 299.4 | 11.0 |
| 44°   | 906.4 | 892.4 | 867.7 | 828.9 | 775.5 | 713.8 | 629.5 | 529.2 | 412.1 | 295.4 | 10.0 |
| 45°   | 903.1 | 889.3 | 865.3 | 826.6 | 772.0 | 710.2 | 626.2 | 524.7 | 405.1 | 287.6 | 8.8  |
| 46°   | 881.5 | 870.8 | 848.9 | 813.3 | 761.1 | 700.9 | 617.7 | 516.1 | 394.3 | 277.9 | 7.5  |
| 47°   | 843.4 | 834.9 | 813.6 | 787.2 | 739.9 | 683.7 | 602.1 | 499.6 | 379.2 | 263.4 | 6.0  |
| 48°   | 803.6 | 791.2 | 771.4 | 744.3 | 704.3 | 653.0 | 576.3 | 475.5 | 356.2 | 244.5 | 5.3  |
| 49°   | 744.9 | 737.6 | 720.1 | 689.9 | 656.8 | 611.5 | 539.9 | 444.6 | 328.1 | 223.9 | 4.7  |
| 50°   | 691.0 | 686.1 | 661.6 | 639.3 | 604.2 | 562.0 | 490.5 | 403.8 | 293.2 | 198.2 | 4.2  |
| 51°   | 649.0 | 643.0 | 625.3 | 597.6 | 560.2 | 511.1 | 443.7 | 350.9 | 253.1 | 167.8 | 3.3  |
| 52°   | 605.1 | 601.7 | 586.1 | 557.5 | 520.7 | 471.8 | 398.3 | 306.0 | 214.2 | 141.9 | 2.7  |
| 53°   | 569.1 | 564.3 | 545.2 | 519.7 | 480.0 | 429.4 | 349.1 | 264.3 | 181.5 | 119.2 | 2.3  |
| 54°   | 516.7 | 514.7 | 502.4 | 475.8 | 432.8 | 377.7 | 304.5 | 222.5 | 151.3 | 101.1 | 2.0  |
| 55°   | 461.0 | 454.4 | 441.9 | 420.8 | 381.2 | 329.8 | 253.0 | 184.4 | 122.4 | 85.2  | 1.5  |
| 56°   | 393.2 | 392.8 | 370.6 | 352.9 | 317.8 | 263.3 | 202.1 | 144.0 | 99.5  | 71.0  | 1.3  |
| 57°   | 328.3 | 317.8 | 296.4 | 278.9 | 241.2 | 199.7 | 150.0 | 107.9 | 77.8  | 57.5  | 1.0  |
| 58°   | 242.8 | 237.3 | 231.7 | 206.1 | 171.1 | 141.5 | 107.1 | 75.8  | 57.5  | 43.9  | 0.7  |
| 59°   | 164.8 | 164.7 | 158.0 | 138.5 | 118.4 | 88.1  | 66.9  | 51.6  | 39.6  | 32.3  | 0.5  |
| 60°   | 124.4 | 121.4 | 108.1 | 95.3  | 74.5  | 55.7  | 39.6  | 30.4  | 24.6  | 20.8  | 0.3  |
| 62.5° | 43.6  | 45.2  | 39.7  | 32.9  | 25.1  | 20.6  | 15.8  | 12.8  | 10.5  | 8.5   | 0.0  |
| 65°   | 9.0   | 9.8   | 8.5   | 8.0   | 6.3   | 5.5   | 4.8   | 4.2   | 3.5   | 3.0   | 0.0  |



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**CANDELA DISTRIBUTION (continued):**

|       | 0°  | 2.5° | 5°  | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 45° |
|-------|-----|------|-----|------|-----|-------|-----|-------|-----|-------|-----|
| 67.5° | 1.2 | 1.0  | 1.0 | 1.0  | 0.8 | 0.8   | 0.8 | 0.8   | 0.7 | 0.7   | 0.2 |
| 70°   | 0.5 | 0.5  | 0.5 | 0.5  | 0.5 | 0.5   | 0.3 | 0.3   | 0.3 | 0.3   | 0.2 |
| 72.5° | 0.5 | 0.5  | 0.5 | 0.3  | 0.3 | 0.3   | 0.3 | 0.3   | 0.3 | 0.2   | 0.2 |
| 75°   | 0.3 | 0.3  | 0.3 | 0.3  | 0.3 | 0.3   | 0.3 | 0.2   | 0.2 | 0.2   | 0.2 |
| 77.5° | 0.3 | 0.3  | 0.3 | 0.3  | 0.3 | 0.3   | 0.2 | 0.2   | 0.2 | 0.2   | 0.2 |
| 80°   | 0.2 | 0.2  | 0.2 | 0.2  | 0.2 | 0.2   | 0.2 | 0.2   | 0.2 | 0.2   | 0.2 |
| 82.5° | 0.2 | 0.2  | 0.2 | 0.2  | 0.2 | 0.2   | 0.2 | 0.2   | 0.2 | 0.2   | 0.3 |
| 85°   | 0.2 | 0.2  | 0.2 | 0.0  | 0.0 | 0.2   | 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   | 0.2 |
| 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):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 0°    | 9.6   | 9.6 | 9.6    | 9.6  | 9.6    | 9.6  |
| 2.5°  | 10.1  | 9.8 | 9.3    | 9.1  | 9.0    | 9.0  |
| 5°    | 10.0  | 9.3 | 8.8    | 8.3  | 8.1    | 8.1  |
| 7.5°  | 9.5   | 8.6 | 8.0    | 7.7  | 7.5    | 7.3  |
| 10°   | 9.0   | 7.8 | 7.2    | 6.8  | 6.8    | 6.8  |
| 12.5° | 8.0   | 7.0 | 6.3    | 6.2  | 6.3    | 6.3  |
| 15°   | 7.2   | 6.0 | 5.7    | 5.7  | 5.8    | 6.0  |
| 17.5° | 6.2   | 5.3 | 5.0    | 5.2  | 5.3    | 5.5  |
| 20°   | 5.5   | 4.5 | 4.5    | 4.7  | 5.2    | 5.2  |
| 22.5° | 4.8   | 4.0 | 4.0    | 4.5  | 4.8    | 5.0  |
| 25°   | 4.3   | 3.5 | 3.7    | 4.2  | 4.7    | 4.8  |
| 27.5° | 3.7   | 3.0 | 3.3    | 4.0  | 4.5    | 4.7  |
| 30°   | 3.2   | 2.7 | 3.2    | 3.8  | 4.3    | 4.7  |
| 31°   | 3.0   | 2.5 | 3.2    | 3.7  | 4.3    | 4.7  |
| 32°   | 2.7   | 2.5 | 3.0    | 3.7  | 4.3    | 4.5  |
| 33°   | 2.5   | 2.3 | 3.0    | 3.7  | 4.3    | 4.5  |
| 34°   | 2.3   | 2.2 | 2.8    | 3.7  | 4.3    | 4.5  |
| 35°   | 2.0   | 2.2 | 2.8    | 3.5  | 4.2    | 4.5  |
| 36°   | 1.8   | 2.0 | 2.8    | 3.5  | 4.2    | 4.5  |
| 37°   | 1.7   | 2.0 | 2.7    | 3.5  | 4.2    | 4.5  |
| 38°   | 1.5   | 1.8 | 2.7    | 3.5  | 4.2    | 4.5  |
| 39°   | 1.3   | 1.8 | 2.5    | 3.5  | 4.2    | 4.5  |
| 40°   | 1.2   | 1.7 | 2.5    | 3.3  | 4.2    | 4.5  |
| 41°   | 1.2   | 1.7 | 2.5    | 3.3  | 4.2    | 4.5  |
| 42°   | 1.0   | 1.7 | 2.5    | 3.3  | 4.2    | 4.5  |
| 43°   | 0.8   | 1.5 | 2.5    | 3.3  | 4.2    | 4.5  |
| 44°   | 0.7   | 1.5 | 2.3    | 3.3  | 4.2    | 4.5  |
| 45°   | 0.7   | 1.5 | 2.3    | 3.3  | 4.2    | 4.5  |
| 46°   | 0.5   | 1.3 | 2.3    | 3.3  | 4.2    | 4.5  |
| 47°   | 0.3   | 1.3 | 2.3    | 3.2  | 4.2    | 4.5  |
| 48°   | 0.3   | 1.3 | 2.3    | 3.2  | 4.2    | 4.5  |
| 49°   | 0.3   | 1.3 | 2.2    | 3.2  | 4.2    | 4.5  |
| 50°   | 0.3   | 1.3 | 2.2    | 3.2  | 4.2    | 4.5  |
| 51°   | 0.2   | 1.2 | 2.2    | 3.2  | 4.2    | 4.5  |
| 52°   | 0.2   | 1.2 | 2.2    | 3.2  | 4.2    | 4.7  |
| 53°   | 0.2   | 1.2 | 2.2    | 3.2  | 4.2    | 4.5  |
| 54°   | 0.2   | 1.2 | 2.0    | 3.2  | 4.2    | 4.5  |
| 55°   | 0.2   | 1.2 | 2.0    | 3.2  | 4.2    | 4.5  |
| 56°   | 0.2   | 1.0 | 2.0    | 3.0  | 4.2    | 4.5  |
| 57°   | 0.3   | 1.0 | 2.0    | 3.0  | 4.2    | 4.3  |
| 58°   | 0.3   | 1.0 | 2.0    | 3.0  | 4.0    | 4.3  |
| 59°   | 0.3   | 1.0 | 2.0    | 3.0  | 4.0    | 4.3  |
| 60°   | 0.3   | 1.0 | 1.8    | 3.0  | 4.0    | 4.3  |
| 62.5° | 0.3   | 1.0 | 1.8    | 2.8  | 3.8    | 4.2  |
| 65°   | 0.3   | 1.0 | 1.7    | 2.7  | 3.8    | 4.0  |



TEST NUMBER: P1317020

CATALOG NUMBER: LDSQA3D02R259827DE010 3LSQCA45R 1MB

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 0.3   | 0.8 | 1.7    | 2.5  | 3.7    | 3.8  |
| 70°   | 0.5   | 0.8 | 1.5    | 2.5  | 3.5    | 3.7  |
| 72.5° | 0.5   | 0.8 | 1.5    | 2.2  | 3.2    | 3.5  |
| 75°   | 0.5   | 0.8 | 1.3    | 2.0  | 3.0    | 3.2  |
| 77.5° | 0.5   | 0.8 | 1.2    | 1.8  | 2.7    | 2.8  |
| 80°   | 0.7   | 0.8 | 1.0    | 1.5  | 2.3    | 2.5  |
| 82.5° | 0.7   | 0.8 | 0.8    | 1.2  | 1.8    | 2.0  |
| 85°   | 0.5   | 0.7 | 0.7    | 0.8  | 1.2    | 1.3  |
| 87.5° | 0.5   | 0.7 | 0.5    | 0.3  | 0.7    | 0.7  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)