

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: P1312223

Luminaire Tested: LDSQA3D05R259050DE010 3LSQCA45R 1MB

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1312223  
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: LDSQA3D05R259050DE010 3LSQCA45R 1MB  
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , 3LSQCA45R 1MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

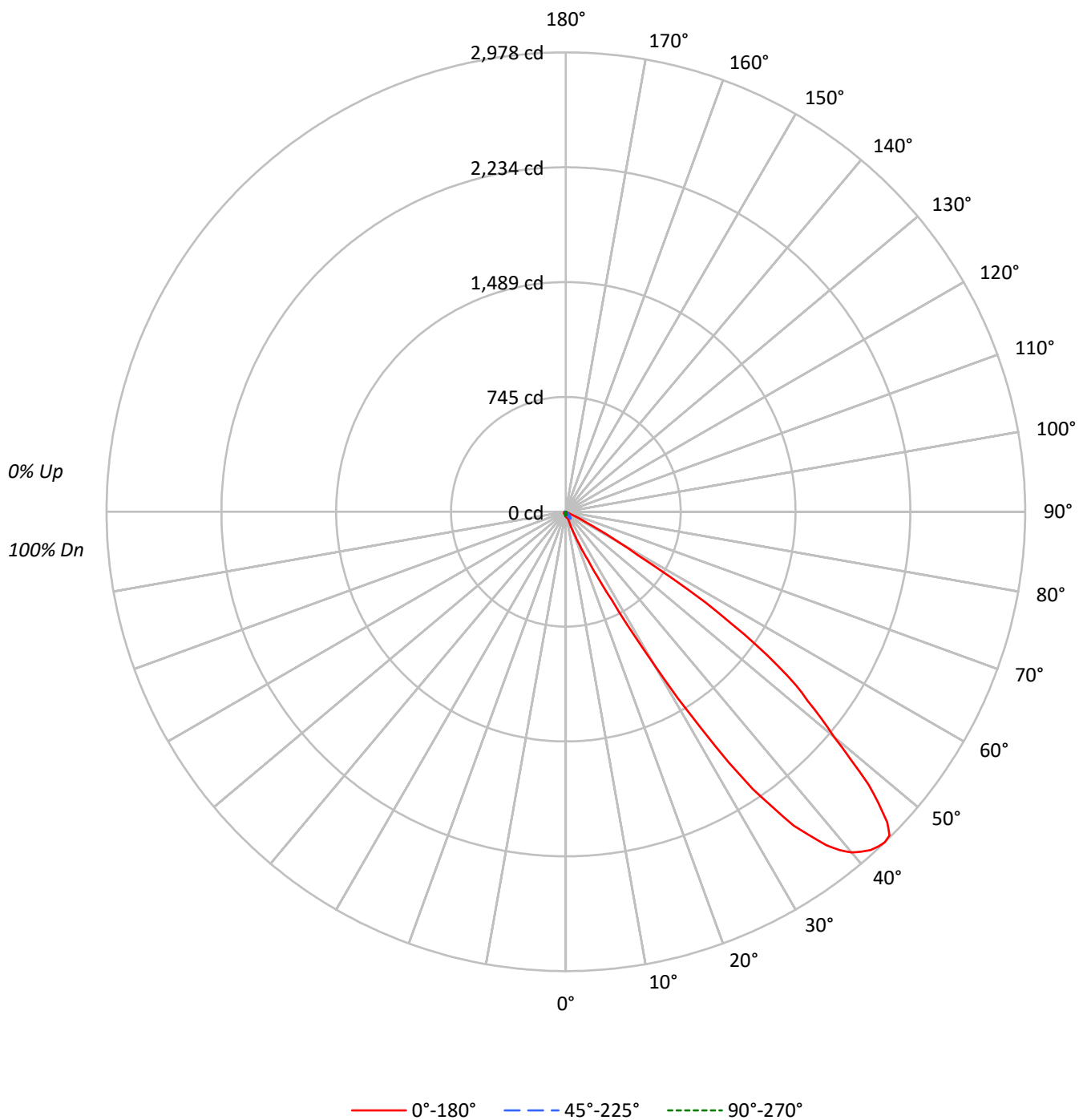
Lumens per Lamp: N/A  
Luminaire Lumens: 621.0 lumens  
Efficiency: N/A  
Efficacy: 86.2 lumens/watt  
Spacing Criteria (0/90/45): 3.65 / 0.61 / 1.37  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 7.2  
Input Voltage (V): NR  
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: 24 FT

TEST NUMBER: P1312223

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

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

|     | 0°     | 45°   | 90°  | 135° | 180° |
|-----|--------|-------|------|------|------|
| 0°  | 5459   | 5459  | 5459 | 5459 | 5459 |
| 5°  | 6241   | 5947  | 5290 | 4720 | 4633 |
| 10° | 6208   | 5631  | 4494 | 3917 | 3917 |
| 15° | 6918   | 4868  | 3512 | 3316 | 3512 |
| 20° | 24431  | 4802  | 2712 | 2804 | 3097 |
| 25° | 70310  | 6119  | 2185 | 2603 | 3002 |
| 30° | 224300 | 9446  | 1730 | 2506 | 3043 |
| 35° | 491280 | 11143 | 1493 | 2418 | 3112 |
| 40° | 648068 | 10072 | 1237 | 2451 | 3327 |
| 45° | 722714 | 7063  | 1193 | 2655 | 3605 |
| 50° | 608364 | 3671  | 1179 | 2786 | 3965 |
| 55° | 454835 | 1471  | 1141 | 3123 | 4444 |
| 60° | 140809 | 379   | 1137 | 3376 | 4891 |
| 65° | 12022  | 0     | 1345 | 3545 | 5338 |
| 70° | 806    | 252   | 1360 | 4129 | 6043 |
| 75° | 732    | 333   | 1797 | 4392 | 6920 |
| 80° | 496    | 496   | 2678 | 4860 | 8133 |
| 85° | 988    | 988   | 4347 | 5335 | 8695 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 722714 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 2.8    | 0.5       |
| 10°-20°   | 7.3    | 1.2       |
| 20°-30°   | 34.4   | 5.5       |
| 30°-40°   | 165.4  | 26.6      |
| 40°-50°   | 259.3  | 41.8      |
| 50°-60°   | 132.9  | 21.4      |
| 60°-70°   | 12.5   | 2.0       |
| 70°-80°   | 4.2    | 0.7       |
| 80°-90°   | 2.1    | 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°    | 44.5   | 7.2       |
| 0°-40°    | 209.9  | 33.8      |
| 0°-60°    | 602.1  | 97.0      |
| 0°-90°    | 621.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 621.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 32   | 32  | 32  | 32   | 32   |      |
| 5°  | 36   | 34  | 31  | 27   | 27   | 3    |
| 15° | 39   | 27  | 20  | 19   | 20   | 16   |
| 25° | 370  | 32  | 12  | 14   | 16   | 229  |
| 35° | 2337 | 53  | 7   | 12   | 15   | 1418 |
| 45° | 2967 | 29  | 5   | 11   | 15   | 2171 |
| 55° | 1515 | 5   | 4   | 10   | 15   | 1261 |
| 65° | 30   | 0   | 3   | 9    | 13   | 92   |
| 75° | 1    | 0   | 3   | 7    | 10   | 1    |
| 85° | 0    | 0   | 2   | 3    | 4    | 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°    | 31.7   | 31.7   | 31.7   | 31.7   | 31.7   | 31.7   | 31.7   | 31.7   | 31.7   | 31.7  | 31.7 |
| 2.5°  | 34.4   | 34.4   | 34.4   | 34.4   | 34.4   | 34.4   | 33.9   | 33.9   | 34.4   | 33.9  | 33.9 |
| 5°    | 36.1   | 36.1   | 36.1   | 36.1   | 36.1   | 36.1   | 36.1   | 35.5   | 35.5   | 35.5  | 34.4 |
| 7.5°  | 36.6   | 36.1   | 36.1   | 36.1   | 36.1   | 36.1   | 36.1   | 36.1   | 35.5   | 35.5  | 33.9 |
| 10°   | 35.5   | 35.5   | 35.5   | 35.5   | 35.0   | 35.0   | 35.0   | 34.4   | 34.4   | 34.4  | 32.2 |
| 12.5° | 35.5   | 35.5   | 35.5   | 35.5   | 35.0   | 35.0   | 34.4   | 34.4   | 33.9   | 33.3  | 29.5 |
| 15°   | 38.8   | 38.8   | 38.8   | 38.3   | 37.7   | 37.2   | 36.6   | 36.1   | 35.5   | 34.4  | 27.3 |
| 17.5° | 56.8   | 55.2   | 54.6   | 52.5   | 49.7   | 47.0   | 44.8   | 42.6   | 40.4   | 38.8  | 26.2 |
| 20°   | 133.3  | 132.8  | 130.1  | 123.5  | 116.4  | 108.2  | 100.0  | 90.7   | 77.6   | 68.9  | 26.2 |
| 22.5° | 231.2  | 227.9  | 223.0  | 218.0  | 205.5  | 190.7  | 175.4  | 157.9  | 141.0  | 123.0 | 27.9 |
| 25°   | 370.0  | 377.6  | 361.2  | 348.1  | 326.2  | 299.5  | 270.5  | 246.5  | 215.9  | 187.4 | 32.2 |
| 27.5° | 643.2  | 648.1  | 615.9  | 573.2  | 522.4  | 466.1  | 411.5  | 370.5  | 319.1  | 272.1 | 40.4 |
| 30°   | 1127.9 | 1132.8 | 1078.7 | 988.0  | 883.1  | 790.7  | 665.6  | 555.8  | 454.7  | 376.5 | 47.5 |
| 31°   | 1407.7 | 1369.4 | 1306.6 | 1218.6 | 1085.8 | 946.5  | 796.2  | 663.4  | 535.5  | 432.8 | 49.7 |
| 32°   | 1650.9 | 1647.6 | 1574.4 | 1441.0 | 1307.7 | 1135.6 | 949.2  | 776.0  | 619.1  | 489.6 | 51.4 |
| 33°   | 1937.8 | 1915.9 | 1812.6 | 1686.9 | 1510.4 | 1337.2 | 1096.8 | 898.9  | 704.9  | 553.0 | 52.5 |
| 34°   | 2167.8 | 2108.8 | 2066.2 | 1922.5 | 1736.1 | 1515.3 | 1258.0 | 1029.0 | 812.0  | 614.2 | 53.0 |
| 35°   | 2336.7 | 2324.1 | 2241.1 | 2107.2 | 1917.5 | 1691.9 | 1431.7 | 1164.0 | 901.7  | 685.3 | 53.0 |
| 36°   | 2515.4 | 2476.6 | 2395.7 | 2274.4 | 2089.7 | 1856.3 | 1564.5 | 1280.9 | 1006.0 | 749.2 | 52.5 |
| 37°   | 2627.4 | 2604.5 | 2524.1 | 2399.0 | 2218.1 | 1995.1 | 1713.2 | 1404.4 | 1089.1 | 813.1 | 51.4 |
| 38°   | 2742.7 | 2696.3 | 2617.0 | 2497.3 | 2319.7 | 2110.4 | 1820.8 | 1499.5 | 1165.6 | 869.4 | 49.7 |
| 39°   | 2822.5 | 2774.4 | 2693.5 | 2574.4 | 2400.6 | 2193.0 | 1906.1 | 1580.4 | 1232.3 | 911.5 | 47.5 |
| 40°   | 2882.6 | 2836.2 | 2754.2 | 2631.8 | 2460.2 | 2258.0 | 1977.1 | 1652.0 | 1288.0 | 948.1 | 44.8 |
| 41°   | 2919.8 | 2876.6 | 2795.2 | 2673.3 | 2501.2 | 2295.2 | 2023.6 | 1698.4 | 1325.7 | 972.7 | 42.1 |
| 42°   | 2950.9 | 2906.6 | 2823.6 | 2699.0 | 2526.3 | 2326.8 | 2052.0 | 1727.9 | 1351.4 | 985.3 | 39.9 |
| 43°   | 2968.4 | 2924.1 | 2843.3 | 2715.9 | 2541.6 | 2341.6 | 2067.3 | 1741.6 | 1360.2 | 983.6 | 36.1 |
| 44°   | 2978.2 | 2932.3 | 2850.9 | 2723.6 | 2548.2 | 2345.4 | 2068.4 | 1738.9 | 1354.1 | 970.5 | 32.8 |
| 45°   | 2967.3 | 2922.0 | 2843.3 | 2715.9 | 2536.7 | 2333.4 | 2057.4 | 1724.1 | 1331.2 | 944.8 | 29.0 |
| 46°   | 2896.3 | 2861.3 | 2789.2 | 2672.2 | 2500.6 | 2302.8 | 2029.6 | 1695.7 | 1295.7 | 913.1 | 24.6 |
| 47°   | 2771.1 | 2743.3 | 2673.3 | 2586.4 | 2431.2 | 2246.5 | 1978.2 | 1641.6 | 1245.9 | 865.6 | 19.7 |
| 48°   | 2640.5 | 2599.5 | 2534.5 | 2445.4 | 2314.3 | 2145.4 | 1893.5 | 1562.3 | 1170.5 | 803.3 | 17.5 |
| 49°   | 2447.6 | 2423.6 | 2366.2 | 2266.7 | 2158.0 | 2009.4 | 1773.8 | 1460.7 | 1078.2 | 735.5 | 15.3 |
| 50°   | 2270.6 | 2254.2 | 2173.8 | 2100.6 | 1985.3 | 1846.5 | 1611.5 | 1326.8 | 963.4  | 651.4 | 13.7 |
| 51°   | 2132.3 | 2112.6 | 2054.7 | 1963.5 | 1840.5 | 1679.3 | 1458.0 | 1153.0 | 831.7  | 551.4 | 10.9 |
| 52°   | 1988.0 | 1977.1 | 1925.7 | 1831.8 | 1711.0 | 1550.3 | 1308.8 | 1005.5 | 703.8  | 466.1 | 8.7  |
| 53°   | 1870.0 | 1854.2 | 1791.3 | 1707.7 | 1577.1 | 1411.0 | 1147.0 | 868.3  | 596.2  | 391.8 | 7.7  |
| 54°   | 1697.9 | 1691.3 | 1650.9 | 1563.4 | 1421.9 | 1241.0 | 1000.6 | 731.2  | 497.3  | 332.3 | 6.6  |
| 55°   | 1514.8 | 1492.9 | 1452.0 | 1382.6 | 1252.5 | 1083.6 | 831.2  | 606.0  | 402.2  | 279.8 | 4.9  |
| 56°   | 1291.8 | 1290.8 | 1217.5 | 1159.6 | 1044.3 | 865.1  | 664.0  | 473.2  | 326.8  | 233.3 | 4.4  |
| 57°   | 1078.7 | 1044.3 | 973.8  | 916.4  | 792.4  | 656.3  | 492.9  | 354.7  | 255.7  | 189.1 | 3.3  |
| 58°   | 797.8  | 779.8  | 761.2  | 677.1  | 562.3  | 465.0  | 351.9  | 249.2  | 189.1  | 144.3 | 2.2  |
| 59°   | 541.5  | 541.0  | 519.1  | 455.2  | 389.1  | 289.6  | 219.7  | 169.4  | 130.1  | 106.0 | 1.6  |
| 60°   | 408.8  | 398.9  | 355.2  | 313.1  | 244.8  | 183.1  | 130.1  | 100.0  | 80.9   | 68.3  | 1.1  |
| 62.5° | 143.2  | 148.6  | 130.6  | 108.2  | 82.5   | 67.8   | 51.9   | 42.1   | 34.4   | 27.9  | 0.0  |
| 65°   | 29.5   | 32.2   | 27.9   | 26.2   | 20.8   | 18.0   | 15.8   | 13.7   | 11.5   | 9.8   | 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° | 3.8 | 3.3  | 3.3 | 3.3  | 2.7 | 2.7   | 2.7 | 2.7   | 2.2 | 2.2   | 0.5 |
| 70°   | 1.6 | 1.6  | 1.6 | 1.6  | 1.6 | 1.6   | 1.1 | 1.1   | 1.1 | 1.1   | 0.5 |
| 72.5° | 1.6 | 1.6  | 1.6 | 1.1  | 1.1 | 1.1   | 1.1 | 1.1   | 1.1 | 0.5   | 0.5 |
| 75°   | 1.1 | 1.1  | 1.1 | 1.1  | 1.1 | 1.1   | 1.1 | 0.5   | 0.5 | 0.5   | 0.5 |
| 77.5° | 1.1 | 1.1  | 1.1 | 1.1  | 1.1 | 1.1   | 0.5 | 0.5   | 0.5 | 0.5   | 0.5 |
| 80°   | 0.5 | 0.5  | 0.5 | 0.5  | 0.5 | 0.5   | 0.5 | 0.5   | 0.5 | 0.5   | 0.5 |
| 82.5° | 0.5 | 0.5  | 0.5 | 0.5  | 0.5 | 0.5   | 0.5 | 0.5   | 0.5 | 0.5   | 1.1 |
| 85°   | 0.5 | 0.5  | 0.5 | 0.0  | 0.0 | 0.5   | 0.5 | 0.5   | 0.5 | 0.5   | 0.5 |
| 87.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.5 |
| 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°    | 31.7  | 31.7 | 31.7   | 31.7 | 31.7   | 31.7 |
| 2.5°  | 33.3  | 32.2 | 30.6   | 30.1 | 29.5   | 29.5 |
| 5°    | 32.8  | 30.6 | 29.0   | 27.3 | 26.8   | 26.8 |
| 7.5°  | 31.1  | 28.4 | 26.2   | 25.1 | 24.6   | 24.0 |
| 10°   | 29.5  | 25.7 | 23.5   | 22.4 | 22.4   | 22.4 |
| 12.5° | 26.2  | 23.0 | 20.8   | 20.2 | 20.8   | 20.8 |
| 15°   | 23.5  | 19.7 | 18.6   | 18.6 | 19.1   | 19.7 |
| 17.5° | 20.2  | 17.5 | 16.4   | 16.9 | 17.5   | 18.0 |
| 20°   | 18.0  | 14.8 | 14.8   | 15.3 | 16.9   | 16.9 |
| 22.5° | 15.8  | 13.1 | 13.1   | 14.8 | 15.8   | 16.4 |
| 25°   | 14.2  | 11.5 | 12.0   | 13.7 | 15.3   | 15.8 |
| 27.5° | 12.0  | 9.8  | 10.9   | 13.1 | 14.8   | 15.3 |
| 30°   | 10.4  | 8.7  | 10.4   | 12.6 | 14.2   | 15.3 |
| 31°   | 9.8   | 8.2  | 10.4   | 12.0 | 14.2   | 15.3 |
| 32°   | 8.7   | 8.2  | 9.8    | 12.0 | 14.2   | 14.8 |
| 33°   | 8.2   | 7.7  | 9.8    | 12.0 | 14.2   | 14.8 |
| 34°   | 7.7   | 7.1  | 9.3    | 12.0 | 14.2   | 14.8 |
| 35°   | 6.6   | 7.1  | 9.3    | 11.5 | 13.7   | 14.8 |
| 36°   | 6.0   | 6.6  | 9.3    | 11.5 | 13.7   | 14.8 |
| 37°   | 5.5   | 6.6  | 8.7    | 11.5 | 13.7   | 14.8 |
| 38°   | 4.9   | 6.0  | 8.7    | 11.5 | 13.7   | 14.8 |
| 39°   | 4.4   | 6.0  | 8.2    | 11.5 | 13.7   | 14.8 |
| 40°   | 3.8   | 5.5  | 8.2    | 10.9 | 13.7   | 14.8 |
| 41°   | 3.8   | 5.5  | 8.2    | 10.9 | 13.7   | 14.8 |
| 42°   | 3.3   | 5.5  | 8.2    | 10.9 | 13.7   | 14.8 |
| 43°   | 2.7   | 4.9  | 8.2    | 10.9 | 13.7   | 14.8 |
| 44°   | 2.2   | 4.9  | 7.7    | 10.9 | 13.7   | 14.8 |
| 45°   | 2.2   | 4.9  | 7.7    | 10.9 | 13.7   | 14.8 |
| 46°   | 1.6   | 4.4  | 7.7    | 10.9 | 13.7   | 14.8 |
| 47°   | 1.1   | 4.4  | 7.7    | 10.4 | 13.7   | 14.8 |
| 48°   | 1.1   | 4.4  | 7.7    | 10.4 | 13.7   | 14.8 |
| 49°   | 1.1   | 4.4  | 7.1    | 10.4 | 13.7   | 14.8 |
| 50°   | 1.1   | 4.4  | 7.1    | 10.4 | 13.7   | 14.8 |
| 51°   | 0.5   | 3.8  | 7.1    | 10.4 | 13.7   | 14.8 |
| 52°   | 0.5   | 3.8  | 7.1    | 10.4 | 13.7   | 15.3 |
| 53°   | 0.5   | 3.8  | 7.1    | 10.4 | 13.7   | 14.8 |
| 54°   | 0.5   | 3.8  | 6.6    | 10.4 | 13.7   | 14.8 |
| 55°   | 0.5   | 3.8  | 6.6    | 10.4 | 13.7   | 14.8 |
| 56°   | 0.5   | 3.3  | 6.6    | 9.8  | 13.7   | 14.8 |
| 57°   | 1.1   | 3.3  | 6.6    | 9.8  | 13.7   | 14.2 |
| 58°   | 1.1   | 3.3  | 6.6    | 9.8  | 13.1   | 14.2 |
| 59°   | 1.1   | 3.3  | 6.6    | 9.8  | 13.1   | 14.2 |
| 60°   | 1.1   | 3.3  | 6.0    | 9.8  | 13.1   | 14.2 |
| 62.5° | 1.1   | 3.3  | 6.0    | 9.3  | 12.6   | 13.7 |
| 65°   | 1.1   | 3.3  | 5.5    | 8.7  | 12.6   | 13.1 |





TEST NUMBER: P1312223

CATALOG NUMBER: LDSQA3D05R259050DE010 3LSQCA45R 1MB

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 1.1   | 2.7 | 5.5    | 8.2  | 12.0   | 12.6 |
| 70°   | 1.6   | 2.7 | 4.9    | 8.2  | 11.5   | 12.0 |
| 72.5° | 1.6   | 2.7 | 4.9    | 7.1  | 10.4   | 11.5 |
| 75°   | 1.6   | 2.7 | 4.4    | 6.6  | 9.8    | 10.4 |
| 77.5° | 1.6   | 2.7 | 3.8    | 6.0  | 8.7    | 9.3  |
| 80°   | 2.2   | 2.7 | 3.3    | 4.9  | 7.7    | 8.2  |
| 82.5° | 2.2   | 2.7 | 2.7    | 3.8  | 6.0    | 6.6  |
| 85°   | 1.6   | 2.2 | 2.2    | 2.7  | 3.8    | 4.4  |
| 87.5° | 1.6   | 2.2 | 1.6    | 1.1  | 2.2    | 2.2  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)