

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: P1324415

Luminaire Tested: LDSQA3D05R20W2N902765DE010 3LSQCA45R 1MMS\_2700K

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1324415  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-74)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D05R20W2N902765DE010 3LSQCA45R 1MMS\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R20 optic, 2700K CCT AND, 90CRI ,  
3LSQCA45R 1MMS TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

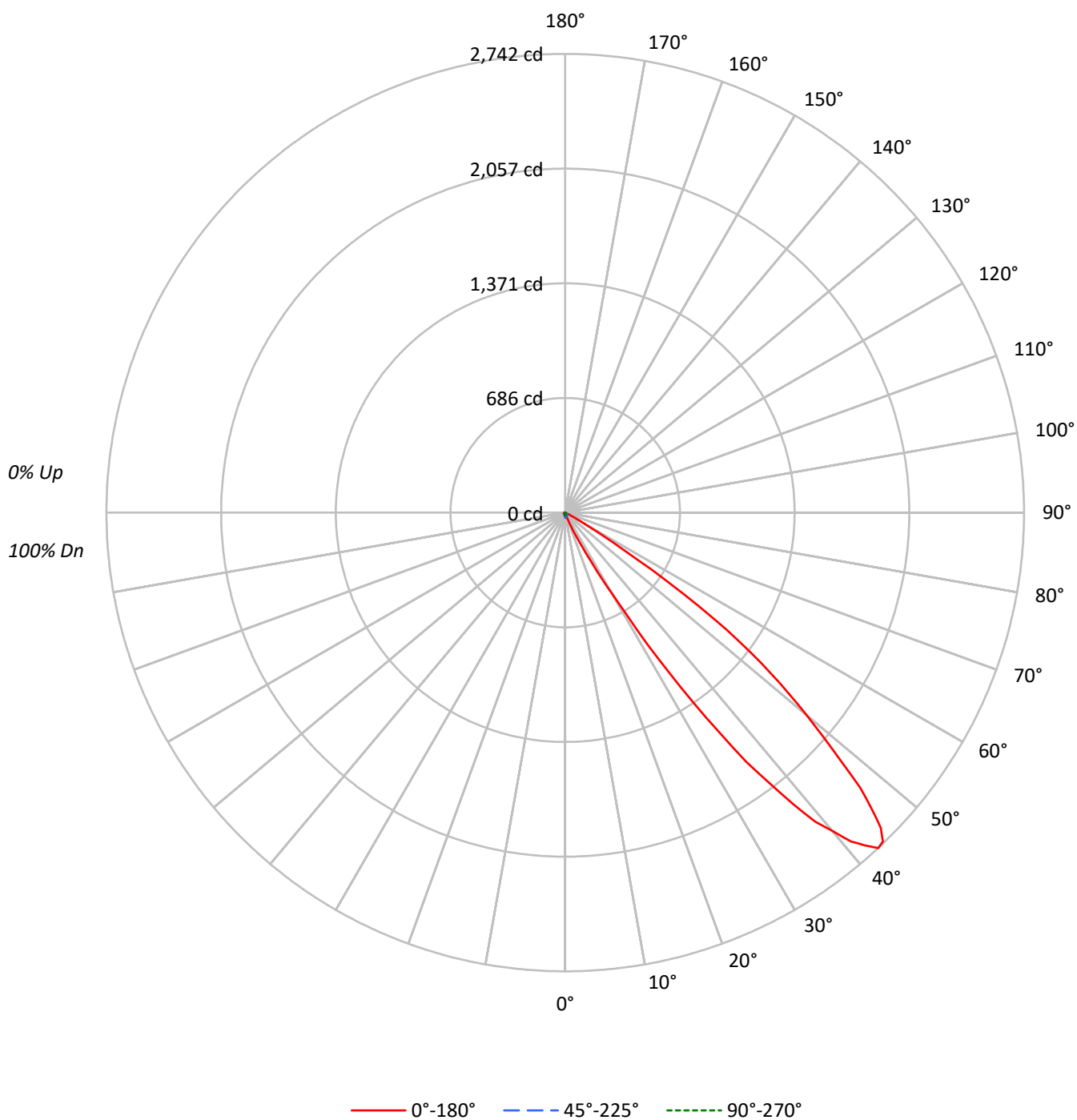
Lumens per Lamp: N/A  
Luminaire Lumens: 381.0 lumens  
Efficiency: N/A  
Efficacy: 64.6 lumens/watt  
Spacing Criteria (0/90/45): 3.39 / 0.51 / 1.13  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 5.9  
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

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### Luminous Intensity Polar Plot



TEST NUMBER: P1324415

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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  | 65  | 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  | 38  | 52  | 44  | 38  | 50  | 43  | 38  | 48  | 42  | 37  | 35  |    |    |
| 7   | 62  | 48  | 39  | 32  | 60  | 47  | 38  | 32  | 46  | 38  | 32  | 44  | 37  | 32  | 43  | 36  | 31  | 29  |    |    |
| 8   | 57  | 42  | 33  | 27  | 55  | 42  | 33  | 27  | 40  | 33  | 27  | 39  | 32  | 27  | 38  | 31  | 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  | 19  | 31  | 24  | 19  | 30  | 24  | 19  | 17  |    |    |

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

|     | 0°     | 45°  | 90°  | 135° | 180° |
|-----|--------|------|------|------|------|
| 0°  | 4564   | 4564 | 4564 | 4564 | 4564 |
| 5°  | 5325   | 4944 | 4270 | 3717 | 3596 |
| 10° | 5264   | 4512 | 3375 | 2886 | 2816 |
| 15° | 4600   | 3441 | 2496 | 2300 | 2425 |
| 20° | 6818   | 2896 | 1833 | 1961 | 2163 |
| 25° | 29397  | 3002 | 1425 | 1767 | 2109 |
| 30° | 111146 | 3639 | 1213 | 1710 | 2068 |
| 35° | 336939 | 4373 | 1135 | 1724 | 2187 |
| 40° | 558724 | 4339 | 967  | 1844 | 2338 |
| 45° | 649427 | 2971 | 877  | 1924 | 2533 |
| 50° | 504139 | 1634 | 857  | 2009 | 2867 |
| 55° | 291764 | 1081 | 871  | 2252 | 3123 |
| 60° | 49325  | 241  | 723  | 2342 | 3444 |
| 65° | 3790   | 0    | 856  | 2608 | 3953 |
| 70° | 554    | 0    | 1057 | 2870 | 4532 |
| 75° | 466    | 266  | 1198 | 3327 | 5257 |
| 80° | 397    | 397  | 1785 | 3570 | 6050 |
| 85° | 790    | 790  | 2766 | 3557 | 6323 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 649427 cd/sqm

TEST NUMBER: P1324415

CATALOG NUMBER: LDSQA3D05R20W2N902765DE010 3LSQCA45R 1MMS\_2700K

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 2.3    | 0.6       |
| 10°-20°   | 4.8    | 1.3       |
| 20°-30°   | 15.2   | 4.0       |
| 30°-40°   | 97.2   | 25.5      |
| 40°-50°   | 177.8  | 46.7      |
| 50°-60°   | 73.1   | 19.2      |
| 60°-70°   | 6.2    | 1.6       |
| 70°-80°   | 3.1    | 0.8       |
| 80°-90°   | 1.5    | 0.4       |
| 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°    | 22.3   | 5.8       |
| 0°-40°    | 119.4  | 31.3      |
| 0°-60°    | 370.3  | 97.2      |
| 0°-90°    | 381.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 381.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 26   | 26  | 26  | 26   | 26   |      |
| 5°  | 31   | 29  | 25  | 22   | 21   | 3    |
| 15° | 26   | 19  | 14  | 13   | 14   | 8    |
| 25° | 155  | 16  | 8   | 9    | 11   | 102  |
| 35° | 1603 | 21  | 5   | 8    | 10   | 1014 |
| 45° | 2666 | 12  | 4   | 8    | 10   | 1914 |
| 55° | 972  | 4   | 3   | 8    | 10   | 849  |
| 65° | 9    | 0   | 2   | 6    | 10   | 30   |
| 75° | 1    | 0   | 2   | 5    | 8    | 1    |
| 85° | 0    | 0   | 1   | 2    | 3    | 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°    | 26.5   | 26.5   | 26.5   | 26.5   | 26.5   | 26.5   | 26.5   | 26.5  | 26.5  | 26.5  | 26.5 |
| 2.5°  | 29.0   | 29.0   | 29.0   | 28.6   | 28.6   | 29.0   | 28.6   | 28.6  | 28.6  | 28.6  | 28.3 |
| 5°    | 30.8   | 30.8   | 30.8   | 30.8   | 30.8   | 30.8   | 30.8   | 30.4  | 30.4  | 30.1  | 28.6 |
| 7.5°  | 31.5   | 31.5   | 31.5   | 31.5   | 31.2   | 31.2   | 31.2   | 31.2  | 30.8  | 30.4  | 27.9 |
| 10°   | 30.1   | 30.1   | 30.1   | 29.7   | 29.7   | 29.7   | 29.4   | 29.4  | 29.0  | 28.6  | 25.8 |
| 12.5° | 27.2   | 27.2   | 27.2   | 27.2   | 26.9   | 26.9   | 26.5   | 26.5  | 26.1  | 25.8  | 22.6 |
| 15°   | 25.8   | 25.8   | 25.8   | 25.4   | 25.4   | 25.1   | 24.7   | 24.3  | 24.0  | 23.3  | 19.3 |
| 17.5° | 27.9   | 27.9   | 27.6   | 27.6   | 26.9   | 26.1   | 25.8   | 24.7  | 24.0  | 22.9  | 17.2 |
| 20°   | 37.2   | 37.6   | 36.2   | 35.1   | 34.4   | 32.2   | 31.2   | 29.4  | 27.9  | 26.1  | 15.8 |
| 22.5° | 75.2   | 73.8   | 71.3   | 67.3   | 62.7   | 58.7   | 51.6   | 45.8  | 41.9  | 36.5  | 15.4 |
| 25°   | 154.7  | 153.2  | 146.4  | 140.7  | 126.4  | 115.3  | 99.9   | 87.4  | 74.5  | 61.9  | 15.8 |
| 27.5° | 294.0  | 284.3  | 282.5  | 256.4  | 236.3  | 207.7  | 178.0  | 152.9 | 130.0 | 104.6 | 16.8 |
| 30°   | 558.9  | 547.8  | 508.8  | 469.4  | 415.3  | 354.1  | 295.7  | 241.3 | 195.9 | 154.7 | 18.3 |
| 31°   | 709.3  | 720.0  | 674.2  | 595.1  | 515.2  | 436.8  | 357.0  | 287.9 | 229.2 | 178.0 | 19.0 |
| 32°   | 932.4  | 885.5  | 837.1  | 755.8  | 639.8  | 539.6  | 439.3  | 339.8 | 262.5 | 203.0 | 19.7 |
| 33°   | 1143.3 | 1115.7 | 1041.9 | 940.6  | 801.3  | 660.6  | 530.6  | 401.0 | 303.3 | 233.4 | 20.1 |
| 34°   | 1368.1 | 1337.7 | 1277.9 | 1132.5 | 979.6  | 795.2  | 621.9  | 471.6 | 352.0 | 263.2 | 20.4 |
| 35°   | 1602.6 | 1589.7 | 1474.5 | 1348.4 | 1160.4 | 938.1  | 731.9  | 548.9 | 399.6 | 290.4 | 20.8 |
| 36°   | 1838.6 | 1797.1 | 1706.8 | 1522.8 | 1326.6 | 1070.2 | 847.1  | 620.9 | 447.9 | 322.6 | 20.8 |
| 37°   | 2016.2 | 2006.9 | 1887.3 | 1707.9 | 1477.3 | 1211.3 | 946.7  | 700.7 | 496.6 | 350.2 | 20.8 |
| 38°   | 2212.0 | 2175.2 | 2053.8 | 1871.2 | 1619.1 | 1340.5 | 1050.9 | 770.2 | 542.8 | 375.2 | 20.4 |
| 39°   | 2377.1 | 2322.3 | 2199.9 | 2019.4 | 1743.0 | 1438.6 | 1133.6 | 837.5 | 583.6 | 396.0 | 20.1 |
| 40°   | 2485.2 | 2447.3 | 2319.5 | 2116.4 | 1855.4 | 1531.4 | 1217.4 | 893.0 | 614.1 | 411.8 | 19.3 |
| 41°   | 2604.5 | 2541.4 | 2415.1 | 2211.0 | 1937.1 | 1613.0 | 1270.0 | 929.5 | 637.7 | 422.1 | 18.6 |
| 42°   | 2675.7 | 2624.2 | 2474.1 | 2274.3 | 1995.4 | 1659.6 | 1313.0 | 957.4 | 652.0 | 427.5 | 17.2 |
| 43°   | 2742.3 | 2672.1 | 2526.0 | 2311.2 | 2034.1 | 1692.5 | 1332.7 | 970.3 | 655.2 | 427.5 | 15.4 |
| 44°   | 2733.4 | 2666.8 | 2515.3 | 2316.2 | 2042.7 | 1702.2 | 1340.9 | 970.7 | 650.2 | 422.1 | 13.6 |
| 45°   | 2666.4 | 2600.2 | 2463.7 | 2272.5 | 2011.9 | 1683.2 | 1324.4 | 956.4 | 636.3 | 412.8 | 12.2 |
| 46°   | 2543.6 | 2477.7 | 2373.2 | 2199.5 | 1954.6 | 1640.2 | 1286.1 | 925.2 | 613.0 | 397.8 | 10.7 |
| 47°   | 2410.0 | 2345.9 | 2238.9 | 2081.7 | 1856.9 | 1563.6 | 1230.6 | 881.5 | 580.4 | 376.0 | 9.7  |
| 48°   | 2216.3 | 2176.2 | 2068.8 | 1934.5 | 1721.1 | 1443.7 | 1133.2 | 810.3 | 536.7 | 347.7 | 8.2  |
| 49°   | 2045.2 | 2002.9 | 1908.8 | 1764.5 | 1544.3 | 1304.0 | 1016.9 | 723.6 | 479.8 | 316.2 | 7.2  |
| 50°   | 1881.6 | 1844.7 | 1757.7 | 1594.8 | 1384.6 | 1135.4 | 859.7  | 614.4 | 408.2 | 277.1 | 6.1  |
| 51°   | 1721.5 | 1693.9 | 1605.1 | 1455.5 | 1242.1 | 1005.8 | 744.7  | 511.7 | 337.3 | 229.9 | 5.7  |
| 52°   | 1560.7 | 1557.5 | 1461.2 | 1309.7 | 1103.5 | 876.5  | 633.0  | 431.8 | 286.1 | 193.0 | 5.4  |
| 53°   | 1387.8 | 1367.0 | 1282.9 | 1146.8 | 948.8  | 741.9  | 536.7  | 364.1 | 246.3 | 164.3 | 4.7  |
| 54°   | 1190.9 | 1167.6 | 1077.4 | 954.6  | 775.2  | 607.6  | 432.5  | 294.3 | 205.2 | 138.9 | 4.3  |
| 55°   | 971.7  | 932.0  | 866.5  | 740.4  | 605.5  | 463.7  | 334.1  | 233.1 | 164.0 | 115.7 | 3.6  |
| 56°   | 737.2  | 697.5  | 660.6  | 567.9  | 444.3  | 345.9  | 248.8  | 178.7 | 128.2 | 91.3  | 3.2  |
| 57°   | 512.7  | 510.6  | 450.1  | 378.8  | 297.2  | 235.6  | 170.4  | 126.0 | 90.6  | 70.9  | 2.5  |
| 58°   | 332.6  | 321.5  | 282.9  | 241.7  | 194.4  | 147.2  | 109.6  | 85.6  | 61.6  | 48.3  | 2.1  |
| 59°   | 233.1  | 210.9  | 190.1  | 161.1  | 122.5  | 92.7   | 70.5   | 54.8  | 42.6  | 33.7  | 1.4  |
| 60°   | 143.2  | 138.6  | 124.6  | 98.1   | 79.5   | 65.5   | 52.6   | 40.5  | 31.2  | 24.0  | 0.7  |
| 62.5° | 40.8   | 41.5   | 37.6   | 33.3   | 28.6   | 24.7   | 22.2   | 19.0  | 15.8  | 12.5  | 0.0  |
| 65°   | 9.3    | 9.0    | 9.7    | 9.0    | 8.2    | 8.2    | 7.2    | 6.4   | 5.7   | 5.4   | 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° | 2.9 | 2.9  | 2.5 | 2.5  | 2.5 | 2.1   | 2.1 | 1.8   | 1.8 | 1.4   | 0.0 |
| 70°   | 1.1 | 1.1  | 1.1 | 1.1  | 1.1 | 0.7   | 0.7 | 0.7   | 0.4 | 0.4   | 0.0 |
| 72.5° | 1.1 | 1.1  | 1.1 | 0.7  | 0.7 | 0.7   | 0.7 | 0.7   | 0.4 | 0.4   | 0.4 |
| 75°   | 0.7 | 0.7  | 0.7 | 0.7  | 0.7 | 0.7   | 0.7 | 0.4   | 0.4 | 0.4   | 0.4 |
| 77.5° | 0.7 | 0.7  | 0.7 | 0.7  | 0.7 | 0.4   | 0.7 | 0.4   | 0.4 | 0.4   | 0.4 |
| 80°   | 0.4 | 0.4  | 0.4 | 0.4  | 0.4 | 0.4   | 0.4 | 0.4   | 0.4 | 0.4   | 0.4 |
| 82.5° | 0.4 | 0.4  | 0.4 | 0.4  | 0.4 | 0.4   | 0.4 | 0.4   | 0.4 | 0.4   | 0.4 |
| 85°   | 0.4 | 0.4  | 0.4 | 0.4  | 0.0 | 0.0   | 0.4 | 0.4   | 0.4 | 0.0   | 0.4 |
| 87.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 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):**

|       | 67.5° | 90°  | 112.5° | 135° | 157.5° | 180° |
|-------|-------|------|--------|------|--------|------|
| 0°    | 26.5  | 26.5 | 26.5   | 26.5 | 26.5   | 26.5 |
| 2.5°  | 27.6  | 26.1 | 25.1   | 24.0 | 23.6   | 23.6 |
| 5°    | 26.9  | 24.7 | 22.6   | 21.5 | 20.8   | 20.8 |
| 7.5°  | 24.7  | 22.2 | 20.1   | 19.0 | 18.6   | 18.6 |
| 10°   | 22.2  | 19.3 | 17.2   | 16.5 | 16.5   | 16.1 |
| 12.5° | 19.3  | 16.5 | 15.0   | 14.7 | 14.7   | 14.7 |
| 15°   | 16.1  | 14.0 | 12.9   | 12.9 | 13.2   | 13.6 |
| 17.5° | 13.6  | 11.5 | 11.1   | 11.8 | 12.5   | 12.5 |
| 20°   | 11.5  | 10.0 | 10.0   | 10.7 | 11.5   | 11.8 |
| 22.5° | 9.7   | 8.6  | 9.0    | 10.0 | 11.1   | 11.5 |
| 25°   | 8.6   | 7.5  | 8.2    | 9.3  | 10.4   | 11.1 |
| 27.5° | 7.2   | 6.8  | 7.5    | 9.0  | 10.4   | 10.7 |
| 30°   | 6.1   | 6.1  | 7.2    | 8.6  | 10.0   | 10.4 |
| 31°   | 5.7   | 5.7  | 7.2    | 8.6  | 10.0   | 10.4 |
| 32°   | 5.4   | 5.7  | 6.8    | 8.6  | 10.0   | 10.4 |
| 33°   | 5.0   | 5.4  | 6.8    | 8.2  | 10.0   | 10.4 |
| 34°   | 4.7   | 5.4  | 6.8    | 8.2  | 10.0   | 10.4 |
| 35°   | 4.3   | 5.4  | 6.8    | 8.2  | 10.0   | 10.4 |
| 36°   | 3.9   | 5.0  | 6.4    | 8.2  | 10.0   | 10.4 |
| 37°   | 3.6   | 5.0  | 6.4    | 8.2  | 10.0   | 10.4 |
| 38°   | 3.2   | 4.7  | 6.4    | 8.2  | 10.0   | 10.4 |
| 39°   | 3.2   | 4.7  | 6.1    | 8.2  | 9.7    | 10.4 |
| 40°   | 2.9   | 4.3  | 6.1    | 8.2  | 9.7    | 10.4 |
| 41°   | 2.5   | 4.3  | 6.1    | 7.9  | 9.7    | 10.4 |
| 42°   | 2.1   | 3.9  | 5.7    | 7.9  | 9.7    | 10.4 |
| 43°   | 1.8   | 3.9  | 5.7    | 7.9  | 9.7    | 10.4 |
| 44°   | 1.8   | 3.6  | 5.7    | 7.9  | 9.7    | 10.4 |
| 45°   | 1.4   | 3.6  | 5.7    | 7.9  | 9.7    | 10.4 |
| 46°   | 1.1   | 3.6  | 5.7    | 7.9  | 9.7    | 10.4 |
| 47°   | 1.1   | 3.2  | 5.4    | 7.9  | 9.7    | 10.4 |
| 48°   | 0.7   | 3.2  | 5.4    | 7.9  | 9.7    | 10.4 |
| 49°   | 0.7   | 3.2  | 5.4    | 7.9  | 9.7    | 10.7 |
| 50°   | 0.7   | 3.2  | 5.4    | 7.5  | 9.7    | 10.7 |
| 51°   | 0.4   | 3.2  | 5.4    | 7.5  | 9.7    | 10.7 |
| 52°   | 0.4   | 3.2  | 5.0    | 7.5  | 10.0   | 10.7 |
| 53°   | 0.4   | 2.9  | 5.0    | 7.5  | 10.0   | 10.7 |
| 54°   | 0.4   | 2.9  | 5.0    | 7.5  | 10.0   | 10.4 |
| 55°   | 0.4   | 2.9  | 5.0    | 7.5  | 9.7    | 10.4 |
| 56°   | 0.4   | 2.5  | 5.0    | 7.5  | 9.7    | 10.4 |
| 57°   | 0.4   | 2.5  | 4.7    | 7.2  | 9.7    | 10.0 |
| 58°   | 0.4   | 2.5  | 4.7    | 7.2  | 9.7    | 10.0 |
| 59°   | 0.4   | 2.5  | 4.7    | 7.2  | 9.3    | 10.0 |
| 60°   | 0.7   | 2.1  | 4.3    | 6.8  | 9.3    | 10.0 |
| 62.5° | 0.7   | 2.1  | 4.3    | 6.8  | 9.0    | 9.7  |
| 65°   | 0.7   | 2.1  | 3.9    | 6.4  | 9.0    | 9.7  |





TEST NUMBER: P1324415

CATALOG NUMBER: LDSQA3D05R20W2N902765DE010 3LSQCA45R 1MMS\_2700K

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 0.7   | 1.8 | 3.6    | 6.1  | 8.6    | 9.3  |
| 70°   | 0.7   | 2.1 | 3.6    | 5.7  | 8.2    | 9.0  |
| 72.5° | 1.1   | 1.8 | 3.2    | 5.4  | 7.9    | 8.6  |
| 75°   | 1.1   | 1.8 | 3.2    | 5.0  | 7.5    | 7.9  |
| 77.5° | 1.4   | 1.8 | 2.9    | 4.3  | 6.8    | 7.2  |
| 80°   | 1.4   | 1.8 | 2.5    | 3.6  | 5.7    | 6.1  |
| 82.5° | 1.4   | 1.8 | 1.8    | 2.9  | 4.3    | 4.7  |
| 85°   | 1.1   | 1.4 | 1.4    | 1.8  | 2.9    | 3.2  |
| 87.5° | 1.1   | 1.4 | 1.1    | 0.7  | 1.4    | 1.4  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)