

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: P1324598

Luminaire Tested: LDSQA3D05R25W2N902765DE010 3LSQCA45R 1MW\_3500K

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1324598  
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: LDSQA3D05R25W2N902765DE010 3LSQCA45R 1MW\_3500K  
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3500K CCT AND, 90CRI ,  
3LSQCA45R 1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

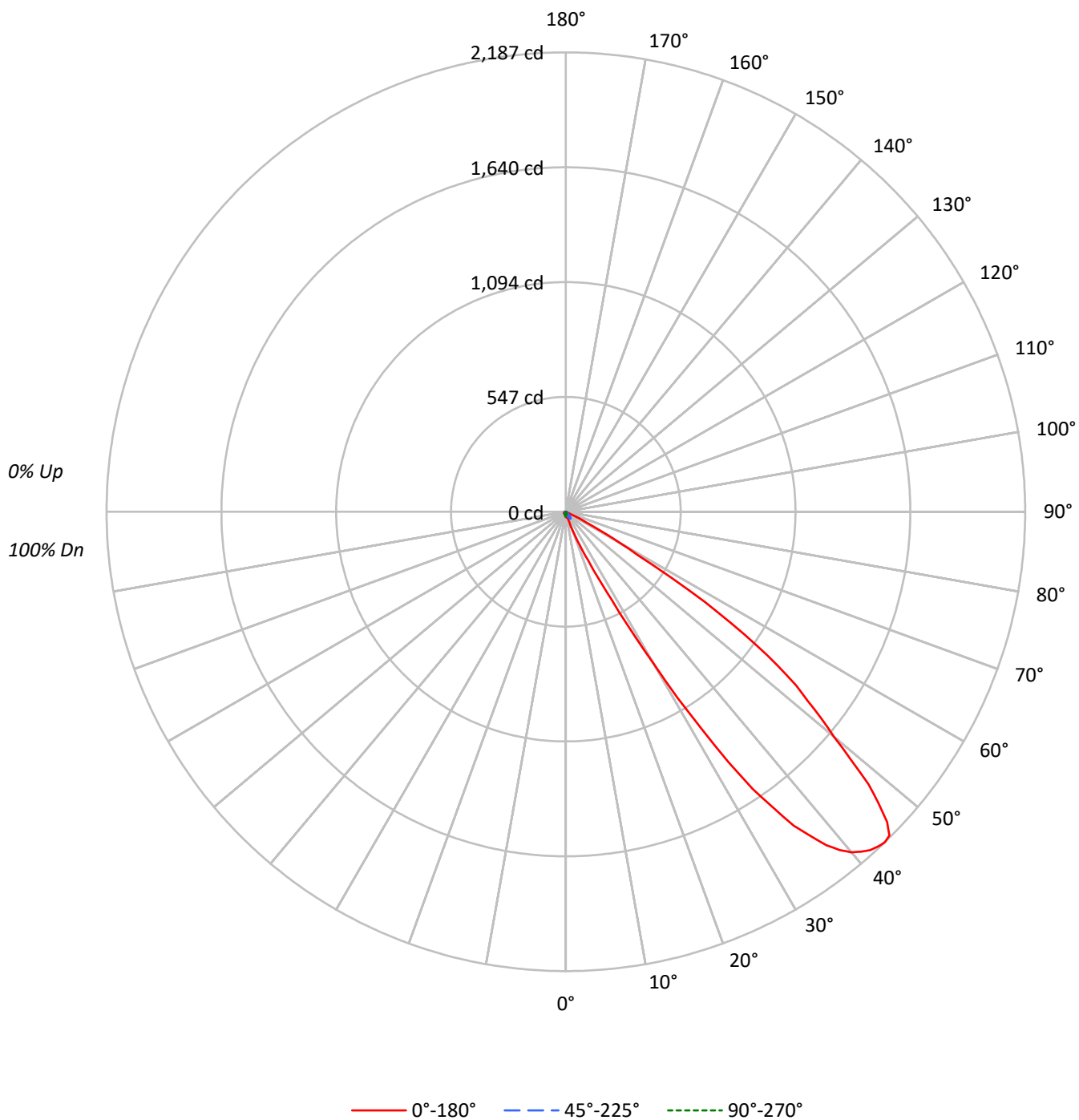
Lumens per Lamp: N/A  
Luminaire Lumens: 455.9 lumens  
Efficiency: N/A  
Efficacy: 77.3 lumens/watt  
Spacing Criteria (0/90/45): 3.65 / 0.6 / 1.37  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

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

TEST NUMBER: P1324598

CATALOG NUMBER: LDSQA3D05R25W2N902765DE010 3LSQCA45R 1MW\_3500K

### Luminous Intensity Polar Plot



TEST NUMBER: P1324598

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

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

|     | 0°     | 45°  | 90°  | 135° | 180° |
|-----|--------|------|------|------|------|
| 0°  | 4013   | 4013 | 4013 | 4013 | 4013 |
| 5°  | 4581   | 4374 | 3890 | 3475 | 3406 |
| 10° | 4564   | 4145 | 3305 | 2886 | 2886 |
| 15° | 5081   | 3584 | 2567 | 2425 | 2567 |
| 20° | 17943  | 3537 | 1979 | 2053 | 2273 |
| 25° | 51630  | 4504 | 1596 | 1900 | 2204 |
| 30° | 164700 | 6940 | 1273 | 1830 | 2227 |
| 35° | 360738 | 8179 | 1093 | 1766 | 2271 |
| 40° | 475878 | 7397 | 899  | 1799 | 2428 |
| 45° | 530692 | 5188 | 877  | 1948 | 2630 |
| 50° | 446721 | 2679 | 857  | 2036 | 2894 |
| 55° | 333980 | 1081 | 841  | 2282 | 3243 |
| 60° | 103368 | 276  | 827  | 2480 | 3582 |
| 65° | 8843   | 0    | 978  | 2608 | 3912 |
| 70° | 604    | 201  | 1007 | 3021 | 4431 |
| 75° | 532    | 266  | 1331 | 3194 | 5057 |
| 80° | 397    | 397  | 1984 | 3570 | 5951 |
| 85° | 790    | 790  | 3162 | 3952 | 6323 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 530692 cd/sqm

TEST NUMBER: P1324598

CATALOG NUMBER: LDSQA3D05R25W2N902765DE010 3LSQCA45R 1MW\_3500K

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 2.1    | 0.5       |
| 10°-20°   | 5.4    | 1.2       |
| 20°-30°   | 25.2   | 5.5       |
| 30°-40°   | 121.5  | 26.6      |
| 40°-50°   | 190.4  | 41.8      |
| 50°-60°   | 97.6   | 21.4      |
| 60°-70°   | 9.2    | 2.0       |
| 70°-80°   | 3.1    | 0.7       |
| 80°-90°   | 1.5    | 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°    | 32.7   | 7.2       |
| 0°-40°    | 154.1  | 33.8      |
| 0°-60°    | 442.1  | 97.0      |
| 0°-90°    | 455.9  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 455.9  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 23   | 23  | 23  | 23   | 23   |      |
| 5°  | 26   | 25  | 22  | 20   | 20   | 3    |
| 15° | 28   | 20  | 14  | 14   | 14   | 12   |
| 25° | 272  | 24  | 8   | 10   | 12   | 169  |
| 35° | 1716 | 39  | 5   | 8    | 11   | 1042 |
| 45° | 2179 | 21  | 4   | 8    | 11   | 1594 |
| 55° | 1112 | 4   | 3   | 8    | 11   | 926  |
| 65° | 22   | 0   | 2   | 6    | 10   | 68   |
| 75° | 1    | 0   | 2   | 5    | 8    | 1    |
| 85° | 0    | 0   | 2   | 2    | 3    | 0    |
| 90° | 0    | 0   | 0   | 0    | 0    |      |

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CATALOG NUMBER: LDSQA3D05R25W2N902765DE010 3LSQCA45R 1MW\_3500K

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 2.5°   | 5°     | 7.5°   | 10°    | 12.5°  | 15°    | 17.5°  | 20°   | 22.5° | 45°  |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|------|
| 0°    | 23.3   | 23.3   | 23.3   | 23.3   | 23.3   | 23.3   | 23.3   | 23.3   | 23.3  | 23.3  | 23.3 |
| 2.5°  | 25.3   | 25.3   | 25.3   | 25.3   | 25.3   | 25.3   | 24.9   | 24.9   | 25.3  | 24.9  | 24.9 |
| 5°    | 26.5   | 26.5   | 26.5   | 26.5   | 26.5   | 26.5   | 26.5   | 26.1   | 26.1  | 26.1  | 25.3 |
| 7.5°  | 26.9   | 26.5   | 26.5   | 26.5   | 26.5   | 26.5   | 26.5   | 26.5   | 26.1  | 26.1  | 24.9 |
| 10°   | 26.1   | 26.1   | 26.1   | 26.1   | 25.7   | 25.7   | 25.7   | 25.3   | 25.3  | 25.3  | 23.7 |
| 12.5° | 26.1   | 26.1   | 26.1   | 26.1   | 25.7   | 25.7   | 25.3   | 25.3   | 24.9  | 24.5  | 21.7 |
| 15°   | 28.5   | 28.5   | 28.5   | 28.1   | 27.7   | 27.3   | 26.9   | 26.5   | 26.1  | 25.3  | 20.1 |
| 17.5° | 41.7   | 40.5   | 40.1   | 38.5   | 36.5   | 34.5   | 32.9   | 31.3   | 29.7  | 28.5  | 19.3 |
| 20°   | 97.9   | 97.5   | 95.5   | 90.7   | 85.5   | 79.5   | 73.4   | 66.6   | 57.0  | 50.6  | 19.3 |
| 22.5° | 169.7  | 167.3  | 163.7  | 160.1  | 150.9  | 140.0  | 128.8  | 116.0  | 103.5 | 90.3  | 20.5 |
| 25°   | 271.7  | 277.3  | 265.2  | 255.6  | 239.6  | 219.9  | 198.6  | 181.0  | 158.5 | 137.6 | 23.7 |
| 27.5° | 472.3  | 475.9  | 452.2  | 420.9  | 383.6  | 342.3  | 302.2  | 272.1  | 234.3 | 199.8 | 29.7 |
| 30°   | 828.2  | 831.8  | 792.1  | 725.5  | 648.5  | 580.6  | 488.7  | 408.1  | 333.9 | 276.5 | 34.9 |
| 31°   | 1033.7 | 1005.6 | 959.4  | 894.8  | 797.3  | 695.0  | 584.6  | 487.1  | 393.2 | 317.8 | 36.5 |
| 32°   | 1212.2 | 1209.8 | 1156.1 | 1058.1 | 960.2  | 833.8  | 697.0  | 569.8  | 454.6 | 359.5 | 37.7 |
| 33°   | 1422.9 | 1406.9 | 1331.0 | 1238.7 | 1109.1 | 981.9  | 805.3  | 660.1  | 517.6 | 406.1 | 38.5 |
| 34°   | 1591.8 | 1548.5 | 1517.2 | 1411.7 | 1274.8 | 1112.7 | 923.7  | 755.6  | 596.3 | 451.0 | 38.9 |
| 35°   | 1715.8 | 1706.6 | 1645.6 | 1547.3 | 1408.1 | 1242.3 | 1051.3 | 854.7  | 662.1 | 503.2 | 38.9 |
| 36°   | 1847.0 | 1818.6 | 1759.2 | 1670.1 | 1534.5 | 1363.1 | 1148.8 | 940.6  | 738.7 | 550.1 | 38.5 |
| 37°   | 1929.3 | 1912.4 | 1853.5 | 1761.6 | 1628.8 | 1465.0 | 1258.0 | 1031.3 | 799.7 | 597.1 | 37.7 |
| 38°   | 2014.0 | 1979.9 | 1921.7 | 1833.8 | 1703.4 | 1549.7 | 1337.0 | 1101.1 | 855.9 | 638.4 | 36.5 |
| 39°   | 2072.6 | 2037.2 | 1977.9 | 1890.4 | 1762.8 | 1610.3 | 1399.6 | 1160.5 | 904.9 | 669.3 | 34.9 |
| 40°   | 2116.7 | 2082.6 | 2022.4 | 1932.5 | 1806.5 | 1658.0 | 1451.8 | 1213.0 | 945.8 | 696.2 | 32.9 |
| 41°   | 2144.0 | 2112.3 | 2052.5 | 1963.0 | 1836.6 | 1685.3 | 1485.9 | 1247.1 | 973.5 | 714.3 | 30.9 |
| 42°   | 2166.9 | 2134.4 | 2073.4 | 1981.9 | 1855.1 | 1708.6 | 1506.8 | 1268.8 | 992.3 | 723.5 | 29.3 |
| 43°   | 2179.7 | 2147.2 | 2087.8 | 1994.3 | 1866.3 | 1719.4 | 1518.0 | 1278.8 | 998.8 | 722.3 | 26.5 |
| 44°   | 2186.9 | 2153.2 | 2093.4 | 1999.9 | 1871.1 | 1722.2 | 1518.8 | 1276.8 | 994.3 | 712.7 | 24.1 |
| 45°   | 2178.9 | 2145.6 | 2087.8 | 1994.3 | 1862.7 | 1713.4 | 1510.8 | 1266.0 | 977.5 | 693.8 | 21.3 |
| 46°   | 2126.7 | 2101.0 | 2048.1 | 1962.2 | 1836.2 | 1690.9 | 1490.3 | 1245.1 | 951.4 | 670.5 | 18.1 |
| 47°   | 2034.8 | 2014.4 | 1963.0 | 1899.2 | 1785.2 | 1649.6 | 1452.6 | 1205.4 | 914.9 | 635.6 | 14.4 |
| 48°   | 1938.9 | 1908.8 | 1861.1 | 1795.7 | 1699.4 | 1575.4 | 1390.4 | 1147.2 | 859.5 | 589.9 | 12.8 |
| 49°   | 1797.3 | 1779.6 | 1737.5 | 1664.5 | 1584.6 | 1475.5 | 1302.5 | 1072.6 | 791.7 | 540.1 | 11.2 |
| 50°   | 1667.3 | 1655.2 | 1596.2 | 1542.5 | 1457.8 | 1355.9 | 1183.3 | 974.3  | 707.4 | 478.3 | 10.0 |
| 51°   | 1565.8 | 1551.3 | 1508.8 | 1441.8 | 1351.5 | 1233.1 | 1070.6 | 846.7  | 610.7 | 404.9 | 8.0  |
| 52°   | 1459.8 | 1451.8 | 1414.1 | 1345.1 | 1256.4 | 1138.4 | 961.0  | 738.3  | 516.8 | 342.3 | 6.4  |
| 53°   | 1373.1 | 1361.5 | 1315.4 | 1254.0 | 1158.1 | 1036.1 | 842.3  | 637.6  | 437.8 | 287.7 | 5.6  |
| 54°   | 1246.7 | 1241.9 | 1212.2 | 1148.0 | 1044.1 | 911.3  | 734.7  | 536.9  | 365.2 | 244.0 | 4.8  |
| 55°   | 1112.3 | 1096.3 | 1066.2 | 1015.2 | 919.7  | 795.7  | 610.3  | 445.0  | 295.3 | 205.4 | 3.6  |
| 56°   | 948.6  | 947.8  | 894.0  | 851.5  | 766.8  | 635.2  | 487.5  | 347.5  | 240.0 | 171.3 | 3.2  |
| 57°   | 792.1  | 766.8  | 715.1  | 672.9  | 581.8  | 481.9  | 361.9  | 260.4  | 187.8 | 138.8 | 2.4  |
| 58°   | 585.9  | 572.6  | 559.0  | 497.2  | 412.9  | 341.5  | 258.4  | 183.0  | 138.8 | 105.9 | 1.6  |
| 59°   | 397.7  | 397.3  | 381.2  | 334.3  | 285.7  | 212.7  | 161.3  | 124.4  | 95.5  | 77.8  | 1.2  |
| 60°   | 300.1  | 292.9  | 260.8  | 229.9  | 179.8  | 134.4  | 95.5   | 73.4   | 59.4  | 50.2  | 0.8  |
| 62.5° | 105.1  | 109.1  | 95.9   | 79.5   | 60.6   | 49.8   | 38.1   | 30.9   | 25.3  | 20.5  | 0.0  |
| 65°   | 21.7   | 23.7   | 20.5   | 19.3   | 15.2   | 13.2   | 11.6   | 10.0   | 8.4   | 7.2   | 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° | 2.8 | 2.4  | 2.4 | 2.4  | 2.0 | 2.0   | 2.0 | 2.0   | 1.6 | 1.6   | 0.4 |
| 70°   | 1.2 | 1.2  | 1.2 | 1.2  | 1.2 | 1.2   | 0.8 | 0.8   | 0.8 | 0.8   | 0.4 |
| 72.5° | 1.2 | 1.2  | 1.2 | 0.8  | 0.8 | 0.8   | 0.8 | 0.8   | 0.8 | 0.4   | 0.4 |
| 75°   | 0.8 | 0.8  | 0.8 | 0.8  | 0.8 | 0.8   | 0.8 | 0.4   | 0.4 | 0.4   | 0.4 |
| 77.5° | 0.8 | 0.8  | 0.8 | 0.8  | 0.8 | 0.8   | 0.4 | 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   | 0.8 |
| 85°   | 0.4 | 0.4  | 0.4 | 0.0  | 0.0 | 0.4   | 0.4 | 0.4   | 0.4 | 0.4   | 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°    | 23.3  | 23.3 | 23.3   | 23.3 | 23.3   | 23.3 |
| 2.5°  | 24.5  | 23.7 | 22.5   | 22.1 | 21.7   | 21.7 |
| 5°    | 24.1  | 22.5 | 21.3   | 20.1 | 19.7   | 19.7 |
| 7.5°  | 22.9  | 20.9 | 19.3   | 18.5 | 18.1   | 17.7 |
| 10°   | 21.7  | 18.9 | 17.3   | 16.5 | 16.5   | 16.5 |
| 12.5° | 19.3  | 16.9 | 15.2   | 14.8 | 15.2   | 15.2 |
| 15°   | 17.3  | 14.4 | 13.6   | 13.6 | 14.0   | 14.4 |
| 17.5° | 14.8  | 12.8 | 12.0   | 12.4 | 12.8   | 13.2 |
| 20°   | 13.2  | 10.8 | 10.8   | 11.2 | 12.4   | 12.4 |
| 22.5° | 11.6  | 9.6  | 9.6    | 10.8 | 11.6   | 12.0 |
| 25°   | 10.4  | 8.4  | 8.8    | 10.0 | 11.2   | 11.6 |
| 27.5° | 8.8   | 7.2  | 8.0    | 9.6  | 10.8   | 11.2 |
| 30°   | 7.6   | 6.4  | 7.6    | 9.2  | 10.4   | 11.2 |
| 31°   | 7.2   | 6.0  | 7.6    | 8.8  | 10.4   | 11.2 |
| 32°   | 6.4   | 6.0  | 7.2    | 8.8  | 10.4   | 10.8 |
| 33°   | 6.0   | 5.6  | 7.2    | 8.8  | 10.4   | 10.8 |
| 34°   | 5.6   | 5.2  | 6.8    | 8.8  | 10.4   | 10.8 |
| 35°   | 4.8   | 5.2  | 6.8    | 8.4  | 10.0   | 10.8 |
| 36°   | 4.4   | 4.8  | 6.8    | 8.4  | 10.0   | 10.8 |
| 37°   | 4.0   | 4.8  | 6.4    | 8.4  | 10.0   | 10.8 |
| 38°   | 3.6   | 4.4  | 6.4    | 8.4  | 10.0   | 10.8 |
| 39°   | 3.2   | 4.4  | 6.0    | 8.4  | 10.0   | 10.8 |
| 40°   | 2.8   | 4.0  | 6.0    | 8.0  | 10.0   | 10.8 |
| 41°   | 2.8   | 4.0  | 6.0    | 8.0  | 10.0   | 10.8 |
| 42°   | 2.4   | 4.0  | 6.0    | 8.0  | 10.0   | 10.8 |
| 43°   | 2.0   | 3.6  | 6.0    | 8.0  | 10.0   | 10.8 |
| 44°   | 1.6   | 3.6  | 5.6    | 8.0  | 10.0   | 10.8 |
| 45°   | 1.6   | 3.6  | 5.6    | 8.0  | 10.0   | 10.8 |
| 46°   | 1.2   | 3.2  | 5.6    | 8.0  | 10.0   | 10.8 |
| 47°   | 0.8   | 3.2  | 5.6    | 7.6  | 10.0   | 10.8 |
| 48°   | 0.8   | 3.2  | 5.6    | 7.6  | 10.0   | 10.8 |
| 49°   | 0.8   | 3.2  | 5.2    | 7.6  | 10.0   | 10.8 |
| 50°   | 0.8   | 3.2  | 5.2    | 7.6  | 10.0   | 10.8 |
| 51°   | 0.4   | 2.8  | 5.2    | 7.6  | 10.0   | 10.8 |
| 52°   | 0.4   | 2.8  | 5.2    | 7.6  | 10.0   | 11.2 |
| 53°   | 0.4   | 2.8  | 5.2    | 7.6  | 10.0   | 10.8 |
| 54°   | 0.4   | 2.8  | 4.8    | 7.6  | 10.0   | 10.8 |
| 55°   | 0.4   | 2.8  | 4.8    | 7.6  | 10.0   | 10.8 |
| 56°   | 0.4   | 2.4  | 4.8    | 7.2  | 10.0   | 10.8 |
| 57°   | 0.8   | 2.4  | 4.8    | 7.2  | 10.0   | 10.4 |
| 58°   | 0.8   | 2.4  | 4.8    | 7.2  | 9.6    | 10.4 |
| 59°   | 0.8   | 2.4  | 4.8    | 7.2  | 9.6    | 10.4 |
| 60°   | 0.8   | 2.4  | 4.4    | 7.2  | 9.6    | 10.4 |
| 62.5° | 0.8   | 2.4  | 4.4    | 6.8  | 9.2    | 10.0 |
| 65°   | 0.8   | 2.4  | 4.0    | 6.4  | 9.2    | 9.6  |



TEST NUMBER: P1324598

CATALOG NUMBER: LDSQA3D05R25W2N902765DE010 3LSQCA45R 1MW\_3500K

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 0.8   | 2.0 | 4.0    | 6.0  | 8.8    | 9.2  |
| 70°   | 1.2   | 2.0 | 3.6    | 6.0  | 8.4    | 8.8  |
| 72.5° | 1.2   | 2.0 | 3.6    | 5.2  | 7.6    | 8.4  |
| 75°   | 1.2   | 2.0 | 3.2    | 4.8  | 7.2    | 7.6  |
| 77.5° | 1.2   | 2.0 | 2.8    | 4.4  | 6.4    | 6.8  |
| 80°   | 1.6   | 2.0 | 2.4    | 3.6  | 5.6    | 6.0  |
| 82.5° | 1.6   | 2.0 | 2.0    | 2.8  | 4.4    | 4.8  |
| 85°   | 1.2   | 1.6 | 1.6    | 2.0  | 2.8    | 3.2  |
| 87.5° | 1.2   | 1.6 | 1.2    | 0.8  | 1.6    | 1.6  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)