

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: P1324501

Luminaire Tested: LDSQA3D05R25W2N902750DE010 3LSQCA45R 1MMS\_2700K

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1324501  
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: LDSQA3D05R25W2N902750DE010 3LSQCA45R 1MMS\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI ,  
3LSQCA45R 1MMS TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

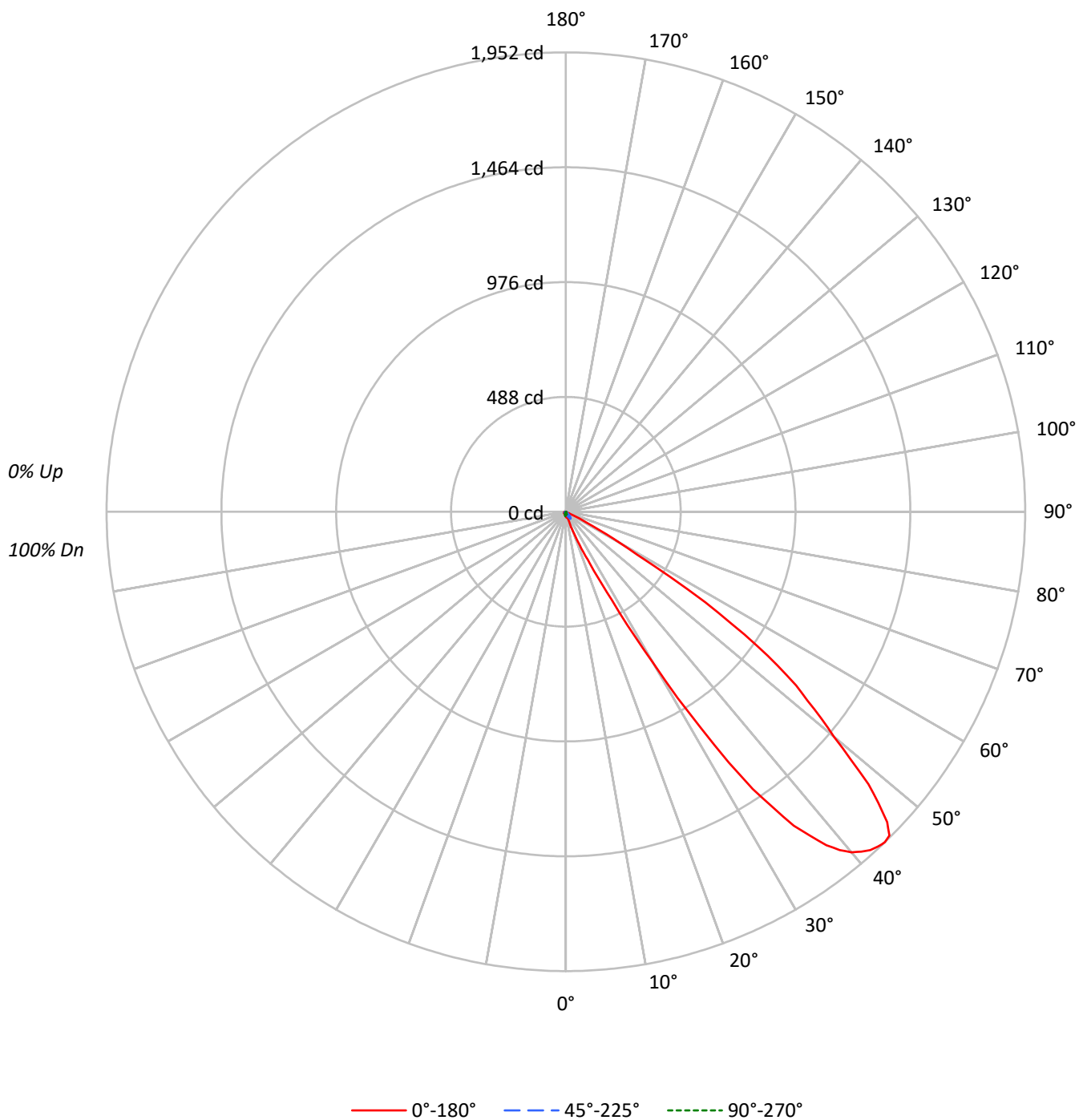
Lumens per Lamp: N/A  
Luminaire Lumens: 407.0 lumens  
Efficiency: N/A  
Efficacy: 69.0 lumens/watt  
Spacing Criteria (0/90/45): 3.65 / 0.61 / 1.37  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 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: P1324501

CATALOG NUMBER: LDSQA3D05R25W2N902750DE010 3LSQCA45R 1MMS\_2700K

### Luminous Intensity Polar Plot



TEST NUMBER: P1324501

CATALOG NUMBER: LDSQA3D05R25W2N902750DE010 3LSQCA45R 1MMS\_2700K

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

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

|     | 0°     | 45°  | 90°  | 135° | 180° |
|-----|--------|------|------|------|------|
| 0°  | 3582   | 3582 | 3582 | 3582 | 3582 |
| 5°  | 4080   | 3907 | 3475 | 3095 | 3025 |
| 10° | 4075   | 3690 | 2938 | 2571 | 2571 |
| 15° | 4529   | 3192 | 2300 | 2175 | 2300 |
| 20° | 16018  | 3152 | 1778 | 1833 | 2034 |
| 25° | 46081  | 4010 | 1425 | 1710 | 1976 |
| 30° | 147001 | 6205 | 1134 | 1631 | 1989 |
| 35° | 321990 | 7296 | 988  | 1577 | 2039 |
| 40° | 424731 | 6610 | 809  | 1619 | 2181 |
| 45° | 473675 | 4628 | 779  | 1754 | 2363 |
| 50° | 398708 | 2411 | 777  | 1822 | 2599 |
| 55° | 298099 | 961  | 751  | 2042 | 2913 |
| 60° | 92277  | 241  | 723  | 2204 | 3203 |
| 65° | 7865   | 0    | 856  | 2323 | 3505 |
| 70° | 554    | 201  | 906  | 2719 | 3978 |
| 75° | 466    | 266  | 1198 | 2861 | 4525 |
| 80° | 397    | 397  | 1785 | 3174 | 5356 |
| 85° | 790    | 790  | 2766 | 3557 | 5730 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 473675 cd/sqm

TEST NUMBER: P1324501

CATALOG NUMBER: LDSQA3D05R25W2N902750DE010 3LSQCA45R 1MMS\_2700K

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 1.9    | 0.5       |
| 10°-20°   | 4.8    | 1.2       |
| 20°-30°   | 22.5   | 5.5       |
| 30°-40°   | 108.4  | 26.6      |
| 40°-50°   | 169.9  | 41.8      |
| 50°-60°   | 87.1   | 21.4      |
| 60°-70°   | 8.2    | 2.0       |
| 70°-80°   | 2.8    | 0.7       |
| 80°-90°   | 1.4    | 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°    | 29.2   | 7.2       |
| 0°-40°    | 137.6  | 33.8      |
| 0°-60°    | 394.6  | 97.0      |
| 0°-90°    | 407.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 407.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 21   | 21  | 21  | 21   | 21   |      |
| 5°  | 24   | 23  | 20  | 18   | 18   | 2    |
| 15° | 25   | 18  | 13  | 12   | 13   | 11   |
| 25° | 242  | 21  | 8   | 9    | 10   | 150  |
| 35° | 1532 | 35  | 5   | 8    | 10   | 930  |
| 45° | 1945 | 19  | 3   | 7    | 10   | 1423 |
| 55° | 993  | 3   | 2   | 7    | 10   | 827  |
| 65° | 19   | 0   | 2   | 6    | 9    | 61   |
| 75° | 1    | 0   | 2   | 4    | 7    | 1    |
| 85° | 0    | 0   | 1   | 2    | 3    | 0    |
| 90° | 0    | 0   | 0   | 0    | 0    |      |

TEST NUMBER: P1324501

CATALOG NUMBER: LDSQA3D05R25W2N902750DE010 3LSQCA45R 1MMS\_2700K

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 2.5°   | 5°     | 7.5°   | 10°    | 12.5°  | 15°    | 17.5°  | 20°   | 22.5° | 45°  |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|------|
| 0°    | 20.8   | 20.8   | 20.8   | 20.8   | 20.8   | 20.8   | 20.8   | 20.8   | 20.8  | 20.8  | 20.8 |
| 2.5°  | 22.6   | 22.6   | 22.6   | 22.6   | 22.6   | 22.6   | 22.2   | 22.2   | 22.6  | 22.2  | 22.2 |
| 5°    | 23.6   | 23.6   | 23.6   | 23.6   | 23.6   | 23.6   | 23.6   | 23.3   | 23.3  | 23.3  | 22.6 |
| 7.5°  | 24.0   | 23.6   | 23.6   | 23.6   | 23.6   | 23.6   | 23.6   | 23.6   | 23.3  | 23.3  | 22.2 |
| 10°   | 23.3   | 23.3   | 23.3   | 23.3   | 22.9   | 22.9   | 22.9   | 22.6   | 22.6  | 22.6  | 21.1 |
| 12.5° | 23.3   | 23.3   | 23.3   | 23.3   | 22.9   | 22.9   | 22.6   | 22.6   | 22.2  | 21.8  | 19.3 |
| 15°   | 25.4   | 25.4   | 25.4   | 25.1   | 24.7   | 24.4   | 24.0   | 23.6   | 23.3  | 22.6  | 17.9 |
| 17.5° | 37.2   | 36.2   | 35.8   | 34.4   | 32.6   | 30.8   | 29.4   | 27.9   | 26.5  | 25.4  | 17.2 |
| 20°   | 87.4   | 87.0   | 85.2   | 80.9   | 76.3   | 70.9   | 65.5   | 59.5   | 50.9  | 45.1  | 17.2 |
| 22.5° | 151.5  | 149.3  | 146.1  | 142.9  | 134.7  | 125.0  | 115.0  | 103.5  | 92.4  | 80.6  | 18.3 |
| 25°   | 242.5  | 247.5  | 236.7  | 228.1  | 213.8  | 196.3  | 177.3  | 161.5  | 141.5 | 122.8 | 21.1 |
| 27.5° | 421.5  | 424.8  | 403.6  | 375.7  | 342.4  | 305.5  | 269.7  | 242.8  | 209.2 | 178.4 | 26.5 |
| 30°   | 739.2  | 742.4  | 707.0  | 647.5  | 578.8  | 518.2  | 436.2  | 364.2  | 298.0 | 246.8 | 31.2 |
| 31°   | 922.6  | 897.5  | 856.3  | 798.7  | 711.6  | 620.3  | 521.8  | 434.8  | 351.0 | 283.7 | 32.6 |
| 32°   | 1082.0 | 1079.8 | 1031.8 | 944.4  | 857.1  | 744.2  | 622.1  | 508.6  | 405.8 | 320.9 | 33.7 |
| 33°   | 1270.0 | 1255.7 | 1188.0 | 1105.6 | 989.9  | 876.4  | 718.8  | 589.2  | 462.0 | 362.4 | 34.4 |
| 34°   | 1420.8 | 1382.1 | 1354.2 | 1260.0 | 1137.8 | 993.2  | 824.5  | 674.4  | 532.2 | 402.6 | 34.7 |
| 35°   | 1531.5 | 1523.2 | 1468.8 | 1381.0 | 1256.7 | 1108.8 | 938.4  | 762.9  | 590.9 | 449.1 | 34.7 |
| 36°   | 1648.6 | 1623.1 | 1570.1 | 1490.6 | 1369.6 | 1216.6 | 1025.4 | 839.5  | 659.4 | 491.0 | 34.4 |
| 37°   | 1722.0 | 1706.9 | 1654.3 | 1572.3 | 1453.7 | 1307.6 | 1122.8 | 920.4  | 713.8 | 532.9 | 33.7 |
| 38°   | 1797.6 | 1767.1 | 1715.2 | 1636.7 | 1520.3 | 1383.2 | 1193.4 | 982.8  | 763.9 | 569.8 | 32.6 |
| 39°   | 1849.8 | 1818.3 | 1765.3 | 1687.2 | 1573.4 | 1437.3 | 1249.2 | 1035.8 | 807.6 | 597.4 | 31.2 |
| 40°   | 1889.2 | 1858.8 | 1805.1 | 1724.9 | 1612.4 | 1479.9 | 1295.8 | 1082.7 | 844.2 | 621.4 | 29.4 |
| 41°   | 1913.6 | 1885.3 | 1831.9 | 1752.1 | 1639.3 | 1504.2 | 1326.2 | 1113.1 | 868.9 | 637.5 | 27.6 |
| 42°   | 1934.0 | 1905.0 | 1850.6 | 1768.9 | 1655.7 | 1525.0 | 1344.9 | 1132.5 | 885.7 | 645.7 | 26.1 |
| 43°   | 1945.5 | 1916.5 | 1863.5 | 1780.0 | 1665.8 | 1534.7 | 1354.9 | 1141.4 | 891.4 | 644.7 | 23.6 |
| 44°   | 1951.9 | 1921.8 | 1868.5 | 1785.0 | 1670.1 | 1537.2 | 1355.6 | 1139.6 | 887.5 | 636.1 | 21.5 |
| 45°   | 1944.8 | 1915.0 | 1863.5 | 1780.0 | 1662.5 | 1529.3 | 1348.4 | 1130.0 | 872.5 | 619.2 | 19.0 |
| 46°   | 1898.2 | 1875.3 | 1828.0 | 1751.4 | 1638.9 | 1509.2 | 1330.2 | 1111.3 | 849.2 | 598.5 | 16.1 |
| 47°   | 1816.2 | 1797.9 | 1752.1 | 1695.1 | 1593.4 | 1472.4 | 1296.5 | 1075.9 | 816.6 | 567.3 | 12.9 |
| 48°   | 1730.6 | 1703.7 | 1661.1 | 1602.7 | 1516.8 | 1406.1 | 1241.0 | 1024.0 | 767.2 | 526.5 | 11.5 |
| 49°   | 1604.2 | 1588.4 | 1550.8 | 1485.6 | 1414.3 | 1316.9 | 1162.6 | 957.3  | 706.6 | 482.1 | 10.0 |
| 50°   | 1488.1 | 1477.4 | 1424.7 | 1376.7 | 1301.2 | 1210.2 | 1056.2 | 869.6  | 631.4 | 426.9 | 9.0  |
| 51°   | 1397.5 | 1384.6 | 1346.6 | 1286.8 | 1206.3 | 1100.6 | 955.5  | 755.7  | 545.1 | 361.4 | 7.2  |
| 52°   | 1303.0 | 1295.8 | 1262.1 | 1200.5 | 1121.4 | 1016.1 | 857.8  | 659.0  | 461.3 | 305.5 | 5.7  |
| 53°   | 1225.6 | 1215.2 | 1174.0 | 1119.2 | 1033.6 | 924.7  | 751.8  | 569.1  | 390.7 | 256.8 | 5.0  |
| 54°   | 1112.8 | 1108.5 | 1082.0 | 1024.7 | 931.9  | 813.4  | 655.8  | 479.2  | 325.9 | 217.8 | 4.3  |
| 55°   | 992.8  | 978.5  | 951.6  | 906.1  | 820.9  | 710.2  | 544.7  | 397.2  | 263.6 | 183.4 | 3.2  |
| 56°   | 846.7  | 846.0  | 798.0  | 760.0  | 684.4  | 567.0  | 435.2  | 310.2  | 214.2 | 152.9 | 2.9  |
| 57°   | 707.0  | 684.4  | 638.2  | 600.6  | 519.3  | 430.1  | 323.1  | 232.4  | 167.6 | 123.9 | 2.1  |
| 58°   | 522.9  | 511.1  | 498.9  | 443.7  | 368.5  | 304.8  | 230.6  | 163.3  | 123.9 | 94.6  | 1.4  |
| 59°   | 354.9  | 354.6  | 340.2  | 298.3  | 255.0  | 189.8  | 144.0  | 111.0  | 85.2  | 69.5  | 1.1  |
| 60°   | 267.9  | 261.4  | 232.8  | 205.2  | 160.5  | 120.0  | 85.2   | 65.5   | 53.0  | 44.8  | 0.7  |
| 62.5° | 93.8   | 97.4   | 85.6   | 70.9   | 54.1   | 44.4   | 34.0   | 27.6   | 22.6  | 18.3  | 0.0  |
| 65°   | 19.3   | 21.1   | 18.3   | 17.2   | 13.6   | 11.8   | 10.4   | 9.0    | 7.5   | 6.4   | 0.0  |



TEST NUMBER: P1324501

CATALOG NUMBER: LDSQA3D05R25W2N902750DE010 3LSQCA45R 1MMS\_2700K

**CANDELA DISTRIBUTION (continued):**

|       | 0°  | 2.5° | 5°  | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 45° |
|-------|-----|------|-----|------|-----|-------|-----|-------|-----|-------|-----|
| 67.5° | 2.5 | 2.1  | 2.1 | 2.1  | 1.8 | 1.8   | 1.8 | 1.8   | 1.4 | 1.4   | 0.4 |
| 70°   | 1.1 | 1.1  | 1.1 | 1.1  | 1.1 | 1.1   | 0.7 | 0.7   | 0.7 | 0.7   | 0.4 |
| 72.5° | 1.1 | 1.1  | 1.1 | 0.7  | 0.7 | 0.7   | 0.7 | 0.7   | 0.7 | 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 | 0.7   | 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   | 0.7 |
| 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 |

TEST NUMBER: P1324501

CATALOG NUMBER: LDSQA3D05R25W2N902750DE010 3LSQCA45R 1MMS\_2700K

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90°  | 112.5° | 135° | 157.5° | 180° |
|-------|-------|------|--------|------|--------|------|
| 0°    | 20.8  | 20.8 | 20.8   | 20.8 | 20.8   | 20.8 |
| 2.5°  | 21.8  | 21.1 | 20.1   | 19.7 | 19.3   | 19.3 |
| 5°    | 21.5  | 20.1 | 19.0   | 17.9 | 17.5   | 17.5 |
| 7.5°  | 20.4  | 18.6 | 17.2   | 16.5 | 16.1   | 15.8 |
| 10°   | 19.3  | 16.8 | 15.4   | 14.7 | 14.7   | 14.7 |
| 12.5° | 17.2  | 15.0 | 13.6   | 13.3 | 13.6   | 13.6 |
| 15°   | 15.4  | 12.9 | 12.2   | 12.2 | 12.5   | 12.9 |
| 17.5° | 13.3  | 11.5 | 10.7   | 11.1 | 11.5   | 11.8 |
| 20°   | 11.8  | 9.7  | 9.7    | 10.0 | 11.1   | 11.1 |
| 22.5° | 10.4  | 8.6  | 8.6    | 9.7  | 10.4   | 10.7 |
| 25°   | 9.3   | 7.5  | 7.9    | 9.0  | 10.0   | 10.4 |
| 27.5° | 7.9   | 6.4  | 7.2    | 8.6  | 9.7    | 10.0 |
| 30°   | 6.8   | 5.7  | 6.8    | 8.2  | 9.3    | 10.0 |
| 31°   | 6.4   | 5.4  | 6.8    | 7.9  | 9.3    | 10.0 |
| 32°   | 5.7   | 5.4  | 6.4    | 7.9  | 9.3    | 9.7  |
| 33°   | 5.4   | 5.0  | 6.4    | 7.9  | 9.3    | 9.7  |
| 34°   | 5.0   | 4.7  | 6.1    | 7.9  | 9.3    | 9.7  |
| 35°   | 4.3   | 4.7  | 6.1    | 7.5  | 9.0    | 9.7  |
| 36°   | 3.9   | 4.3  | 6.1    | 7.5  | 9.0    | 9.7  |
| 37°   | 3.6   | 4.3  | 5.7    | 7.5  | 9.0    | 9.7  |
| 38°   | 3.2   | 3.9  | 5.7    | 7.5  | 9.0    | 9.7  |
| 39°   | 2.9   | 3.9  | 5.4    | 7.5  | 9.0    | 9.7  |
| 40°   | 2.5   | 3.6  | 5.4    | 7.2  | 9.0    | 9.7  |
| 41°   | 2.5   | 3.6  | 5.4    | 7.2  | 9.0    | 9.7  |
| 42°   | 2.1   | 3.6  | 5.4    | 7.2  | 9.0    | 9.7  |
| 43°   | 1.8   | 3.2  | 5.4    | 7.2  | 9.0    | 9.7  |
| 44°   | 1.4   | 3.2  | 5.0    | 7.2  | 9.0    | 9.7  |
| 45°   | 1.4   | 3.2  | 5.0    | 7.2  | 9.0    | 9.7  |
| 46°   | 1.1   | 2.9  | 5.0    | 7.2  | 9.0    | 9.7  |
| 47°   | 0.7   | 2.9  | 5.0    | 6.8  | 9.0    | 9.7  |
| 48°   | 0.7   | 2.9  | 5.0    | 6.8  | 9.0    | 9.7  |
| 49°   | 0.7   | 2.9  | 4.7    | 6.8  | 9.0    | 9.7  |
| 50°   | 0.7   | 2.9  | 4.7    | 6.8  | 9.0    | 9.7  |
| 51°   | 0.4   | 2.5  | 4.7    | 6.8  | 9.0    | 9.7  |
| 52°   | 0.4   | 2.5  | 4.7    | 6.8  | 9.0    | 10.0 |
| 53°   | 0.4   | 2.5  | 4.7    | 6.8  | 9.0    | 9.7  |
| 54°   | 0.4   | 2.5  | 4.3    | 6.8  | 9.0    | 9.7  |
| 55°   | 0.4   | 2.5  | 4.3    | 6.8  | 9.0    | 9.7  |
| 56°   | 0.4   | 2.1  | 4.3    | 6.4  | 9.0    | 9.7  |
| 57°   | 0.7   | 2.1  | 4.3    | 6.4  | 9.0    | 9.3  |
| 58°   | 0.7   | 2.1  | 4.3    | 6.4  | 8.6    | 9.3  |
| 59°   | 0.7   | 2.1  | 4.3    | 6.4  | 8.6    | 9.3  |
| 60°   | 0.7   | 2.1  | 3.9    | 6.4  | 8.6    | 9.3  |
| 62.5° | 0.7   | 2.1  | 3.9    | 6.1  | 8.2    | 9.0  |
| 65°   | 0.7   | 2.1  | 3.6    | 5.7  | 8.2    | 8.6  |



TEST NUMBER: P1324501

CATALOG NUMBER: LDSQA3D05R25W2N902750DE010 3LSQCA45R 1MMS\_2700K

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 0.7   | 1.8 | 3.6    | 5.4  | 7.9    | 8.2  |
| 70°   | 1.1   | 1.8 | 3.2    | 5.4  | 7.5    | 7.9  |
| 72.5° | 1.1   | 1.8 | 3.2    | 4.7  | 6.8    | 7.5  |
| 75°   | 1.1   | 1.8 | 2.9    | 4.3  | 6.4    | 6.8  |
| 77.5° | 1.1   | 1.8 | 2.5    | 3.9  | 5.7    | 6.1  |
| 80°   | 1.4   | 1.8 | 2.1    | 3.2  | 5.0    | 5.4  |
| 82.5° | 1.4   | 1.8 | 1.8    | 2.5  | 3.9    | 4.3  |
| 85°   | 1.1   | 1.4 | 1.4    | 1.8  | 2.5    | 2.9  |
| 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)