

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: P1326190

Luminaire Tested: LDSQA3D09R25W2N902765DE010 3LSQCA45R 1MB\_2700K

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1326190  
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: LDSQA3D09R25W2N902765DE010 3LSQCA45R 1MB\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI ,  
3LSQCA45R 1MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

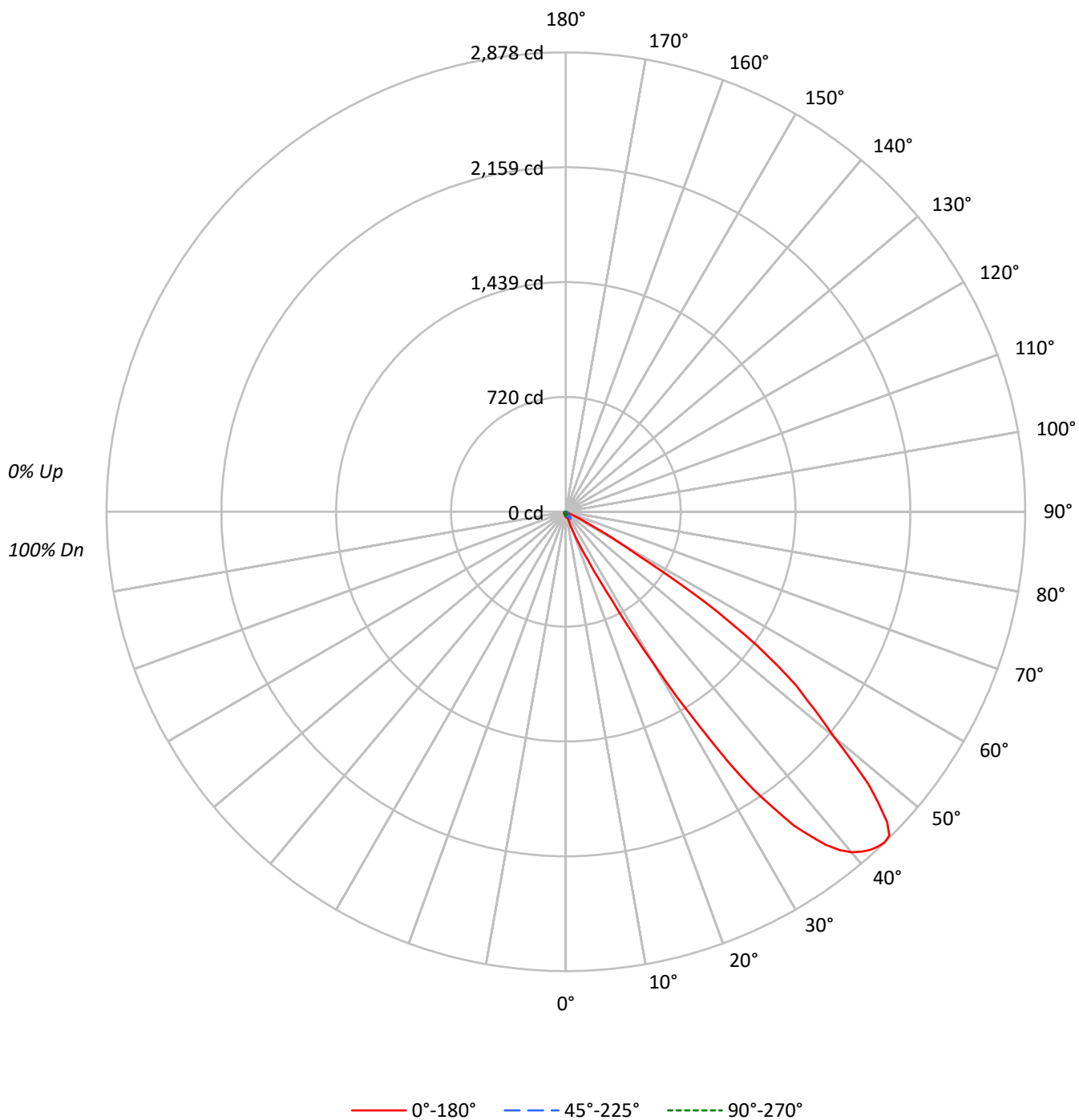
Lumens per Lamp: N/A  
Luminaire Lumens: 600.0 lumens  
Efficiency: N/A  
Efficacy: 66.7 lumens/watt  
Spacing Criteria (0/90/45): 3.65 / 0.61 / 1.37  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 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: P1326190

CATALOG NUMBER: LDSQA3D09R25W2N902765DE010 3LSQCA45R 1MB\_2700K

### Luminous Intensity Polar Plot



TEST NUMBER: P1326190

CATALOG NUMBER: LDSQA3D09R25W2N902765DE010 3LSQCA45R 1MB\_2700K

**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°  | 5270   | 5270  | 5270 | 5270 | 5270 |
| 5°  | 6016   | 5757  | 5117 | 4564 | 4478 |
| 10° | 5998   | 5456  | 4337 | 3777 | 3777 |
| 15° | 6686   | 4707  | 3388 | 3209 | 3388 |
| 20° | 23606  | 4637  | 2621 | 2712 | 3006 |
| 25° | 67916  | 5929  | 2109 | 2508 | 2907 |
| 30° | 216724 | 9128  | 1670 | 2406 | 2943 |
| 35° | 474670 | 10765 | 1451 | 2334 | 3007 |
| 40° | 626148 | 9735  | 1192 | 2383 | 3215 |
| 45° | 698285 | 6820  | 1169 | 2582 | 3483 |
| 50° | 587787 | 3537  | 1125 | 2679 | 3831 |
| 55° | 439462 | 1441  | 1111 | 3003 | 4294 |
| 60° | 136021 | 379   | 1102 | 3272 | 4719 |
| 65° | 11614  | 0     | 1304 | 3423 | 5175 |
| 70° | 806    | 252   | 1309 | 3978 | 5841 |
| 75° | 732    | 333   | 1730 | 4192 | 6654 |
| 80° | 496    | 496   | 2579 | 4761 | 7835 |
| 85° | 988    | 988   | 4150 | 5138 | 8299 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 698285 cd/sqm

TEST NUMBER: P1326190

CATALOG NUMBER: LDSQA3D09R25W2N902765DE010 3LSQCA45R 1MB\_2700K

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 2.7    | 0.5       |
| 10°-20°   | 7.1    | 1.2       |
| 20°-30°   | 33.2   | 5.5       |
| 30°-40°   | 159.8  | 26.6      |
| 40°-50°   | 250.5  | 41.8      |
| 50°-60°   | 128.4  | 21.4      |
| 60°-70°   | 12.1   | 2.0       |
| 70°-80°   | 4.1    | 0.7       |
| 80°-90°   | 2.0    | 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°    | 43.0   | 7.2       |
| 0°-40°    | 202.8  | 33.8      |
| 0°-60°    | 581.8  | 97.0      |
| 0°-90°    | 600.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 600.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 31   | 31  | 31  | 31   | 31   |      |
| 5°  | 35   | 33  | 30  | 26   | 26   | 3    |
| 15° | 38   | 26  | 19  | 18   | 19   | 16   |
| 25° | 357  | 31  | 11  | 13   | 15   | 222  |
| 35° | 2258 | 51  | 7   | 11   | 14   | 1370 |
| 45° | 2867 | 28  | 5   | 11   | 14   | 2098 |
| 55° | 1464 | 5   | 4   | 10   | 14   | 1218 |
| 65° | 28   | 0   | 3   | 8    | 13   | 89   |
| 75° | 1    | 0   | 3   | 6    | 10   | 1    |
| 85° | 0    | 0   | 2   | 3    | 4    | 0    |
| 90° | 0    | 0   | 0   | 0    | 0    |      |

TEST NUMBER: P1326190

CATALOG NUMBER: LDSQA3D09R25W2N902765DE010 3LSQCA45R 1MB\_2700K

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 2.5°   | 5°     | 7.5°   | 10°    | 12.5°  | 15°    | 17.5°  | 20°    | 22.5° | 45°  |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|------|
| 0°    | 30.6   | 30.6   | 30.6   | 30.6   | 30.6   | 30.6   | 30.6   | 30.6   | 30.6   | 30.6  | 30.6 |
| 2.5°  | 33.3   | 33.3   | 33.3   | 33.3   | 33.3   | 33.3   | 32.7   | 32.7   | 33.3   | 32.7  | 32.7 |
| 5°    | 34.8   | 34.8   | 34.8   | 34.8   | 34.8   | 34.8   | 34.8   | 34.3   | 34.3   | 34.3  | 33.3 |
| 7.5°  | 35.4   | 34.8   | 34.8   | 34.8   | 34.8   | 34.8   | 34.8   | 34.8   | 34.3   | 34.3  | 32.7 |
| 10°   | 34.3   | 34.3   | 34.3   | 34.3   | 33.8   | 33.8   | 33.8   | 33.3   | 33.3   | 33.3  | 31.2 |
| 12.5° | 34.3   | 34.3   | 34.3   | 34.3   | 33.8   | 33.8   | 33.3   | 33.3   | 32.7   | 32.2  | 28.5 |
| 15°   | 37.5   | 37.5   | 37.5   | 37.0   | 36.4   | 35.9   | 35.4   | 34.8   | 34.3   | 33.3  | 26.4 |
| 17.5° | 54.9   | 53.3   | 52.8   | 50.7   | 48.0   | 45.4   | 43.3   | 41.2   | 39.1   | 37.5  | 25.3 |
| 20°   | 128.8  | 128.3  | 125.7  | 119.3  | 112.5  | 104.5  | 96.6   | 87.6   | 75.0   | 66.5  | 25.3 |
| 22.5° | 223.3  | 220.2  | 215.4  | 210.7  | 198.5  | 184.3  | 169.5  | 152.6  | 136.2  | 118.8 | 26.9 |
| 25°   | 357.4  | 364.8  | 349.0  | 336.3  | 315.2  | 289.3  | 261.4  | 238.1  | 208.6  | 181.1 | 31.2 |
| 27.5° | 621.4  | 626.2  | 595.0  | 553.9  | 504.8  | 450.4  | 397.6  | 358.0  | 308.3  | 262.9 | 39.1 |
| 30°   | 1089.8 | 1094.5 | 1042.2 | 954.6  | 853.2  | 764.0  | 643.1  | 537.0  | 439.3  | 363.8 | 45.9 |
| 31°   | 1360.1 | 1323.1 | 1262.4 | 1177.4 | 1049.1 | 914.5  | 769.3  | 641.0  | 517.4  | 418.2 | 48.0 |
| 32°   | 1595.0 | 1591.9 | 1521.1 | 1392.3 | 1263.5 | 1097.2 | 917.1  | 749.7  | 598.2  | 473.1 | 49.6 |
| 33°   | 1872.2 | 1851.1 | 1751.3 | 1629.9 | 1459.4 | 1292.0 | 1059.7 | 868.5  | 681.1  | 534.3 | 50.7 |
| 34°   | 2094.5 | 2037.5 | 1996.3 | 1857.5 | 1677.4 | 1464.1 | 1215.4 | 994.2  | 784.6  | 593.5 | 51.2 |
| 35°   | 2257.7 | 2245.5 | 2165.3 | 2035.9 | 1852.7 | 1634.6 | 1383.3 | 1124.6 | 871.2  | 662.1 | 51.2 |
| 36°   | 2430.3 | 2392.8 | 2314.7 | 2197.5 | 2019.0 | 1793.6 | 1511.6 | 1237.6 | 972.0  | 723.9 | 50.7 |
| 37°   | 2538.6 | 2516.4 | 2438.8 | 2317.9 | 2143.1 | 1927.7 | 1655.2 | 1356.9 | 1052.3 | 785.6 | 49.6 |
| 38°   | 2650.0 | 2605.1 | 2528.5 | 2412.9 | 2241.3 | 2039.1 | 1759.2 | 1448.8 | 1126.2 | 840.0 | 48.0 |
| 39°   | 2727.0 | 2680.6 | 2602.4 | 2487.3 | 2319.4 | 2118.8 | 1841.6 | 1526.9 | 1190.6 | 880.7 | 45.9 |
| 40°   | 2785.1 | 2740.2 | 2661.0 | 2542.8 | 2377.0 | 2181.6 | 1910.3 | 1596.1 | 1244.5 | 916.1 | 43.3 |
| 41°   | 2821.0 | 2779.3 | 2700.6 | 2582.9 | 2416.6 | 2217.5 | 1955.1 | 1641.0 | 1280.9 | 939.8 | 40.7 |
| 42°   | 2851.1 | 2808.4 | 2728.1 | 2607.7 | 2440.9 | 2248.2 | 1982.6 | 1669.5 | 1305.7 | 952.0 | 38.5 |
| 43°   | 2868.0 | 2825.3 | 2747.1 | 2624.1 | 2455.7 | 2262.4 | 1997.4 | 1682.7 | 1314.2 | 950.4 | 34.8 |
| 44°   | 2877.5 | 2833.2 | 2754.5 | 2631.5 | 2462.0 | 2266.1 | 1998.4 | 1680.1 | 1308.3 | 937.7 | 31.7 |
| 45°   | 2867.0 | 2823.1 | 2747.1 | 2624.1 | 2450.9 | 2254.5 | 1987.9 | 1665.8 | 1286.2 | 912.9 | 28.0 |
| 46°   | 2798.3 | 2764.5 | 2694.8 | 2581.9 | 2416.1 | 2224.9 | 1960.9 | 1638.3 | 1251.9 | 882.3 | 23.8 |
| 47°   | 2677.4 | 2650.5 | 2582.9 | 2499.0 | 2349.0 | 2170.5 | 1911.3 | 1586.1 | 1203.8 | 836.3 | 19.0 |
| 48°   | 2551.2 | 2511.6 | 2448.8 | 2362.7 | 2236.0 | 2072.9 | 1829.5 | 1509.5 | 1130.9 | 776.1 | 16.9 |
| 49°   | 2364.8 | 2341.6 | 2286.2 | 2190.1 | 2085.0 | 1941.4 | 1713.8 | 1411.3 | 1041.7 | 710.7 | 14.8 |
| 50°   | 2193.8 | 2177.9 | 2100.3 | 2029.6 | 1918.2 | 1784.1 | 1557.0 | 1281.9 | 930.8  | 629.4 | 13.2 |
| 51°   | 2060.2 | 2041.2 | 1985.2 | 1897.1 | 1778.3 | 1622.5 | 1408.7 | 1114.1 | 803.6  | 532.7 | 10.6 |
| 52°   | 1920.8 | 1910.3 | 1860.6 | 1769.8 | 1653.1 | 1497.9 | 1264.5 | 971.5  | 680.0  | 450.4 | 8.4  |
| 53°   | 1806.8 | 1791.5 | 1730.7 | 1650.0 | 1523.8 | 1363.3 | 1108.2 | 839.0  | 576.0  | 378.6 | 7.4  |
| 54°   | 1640.5 | 1634.1 | 1595.0 | 1510.6 | 1373.8 | 1199.1 | 966.7  | 706.4  | 480.5  | 321.0 | 6.3  |
| 55°   | 1463.6 | 1442.5 | 1402.9 | 1335.8 | 1210.1 | 1047.0 | 803.1  | 585.5  | 388.6  | 270.3 | 4.8  |
| 56°   | 1248.2 | 1247.1 | 1176.4 | 1120.4 | 1009.0 | 835.8  | 641.5  | 457.2  | 315.7  | 225.4 | 4.2  |
| 57°   | 1042.2 | 1009.0 | 940.9  | 885.4  | 765.6  | 634.1  | 476.2  | 342.7  | 247.1  | 182.7 | 3.2  |
| 58°   | 770.9  | 753.4  | 735.5  | 654.2  | 543.3  | 449.3  | 340.0  | 240.8  | 182.7  | 139.4 | 2.1  |
| 59°   | 523.2  | 522.7  | 501.6  | 439.8  | 375.9  | 279.8  | 212.3  | 163.7  | 125.7  | 102.4 | 1.6  |
| 60°   | 394.9  | 385.4  | 343.2  | 302.5  | 236.5  | 176.9  | 125.7  | 96.6   | 78.1   | 66.0  | 1.1  |
| 62.5° | 138.3  | 143.6  | 126.2  | 104.5  | 79.7   | 65.5   | 50.2   | 40.7   | 33.3   | 26.9  | 0.0  |
| 65°   | 28.5   | 31.2   | 26.9   | 25.3   | 20.1   | 17.4   | 15.3   | 13.2   | 11.1   | 9.5   | 0.0  |



TEST NUMBER: P1326190

CATALOG NUMBER: LDSQA3D09R25W2N902765DE010 3LSQCA45R 1MB\_2700K

**CANDELA DISTRIBUTION (continued):**

|       | 0°  | 2.5° | 5°  | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 45° |
|-------|-----|------|-----|------|-----|-------|-----|-------|-----|-------|-----|
| 67.5° | 3.7 | 3.2  | 3.2 | 3.2  | 2.6 | 2.6   | 2.6 | 2.6   | 2.1 | 2.1   | 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 |

TEST NUMBER: P1326190

CATALOG NUMBER: LDSQA3D09R25W2N902765DE010 3LSQCA45R 1MB\_2700K

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90°  | 112.5° | 135° | 157.5° | 180° |
|-------|-------|------|--------|------|--------|------|
| 0°    | 30.6  | 30.6 | 30.6   | 30.6 | 30.6   | 30.6 |
| 2.5°  | 32.2  | 31.2 | 29.6   | 29.0 | 28.5   | 28.5 |
| 5°    | 31.7  | 29.6 | 28.0   | 26.4 | 25.9   | 25.9 |
| 7.5°  | 30.1  | 27.5 | 25.3   | 24.3 | 23.8   | 23.2 |
| 10°   | 28.5  | 24.8 | 22.7   | 21.6 | 21.6   | 21.6 |
| 12.5° | 25.3  | 22.2 | 20.1   | 19.5 | 20.1   | 20.1 |
| 15°   | 22.7  | 19.0 | 18.0   | 18.0 | 18.5   | 19.0 |
| 17.5° | 19.5  | 16.9 | 15.8   | 16.4 | 16.9   | 17.4 |
| 20°   | 17.4  | 14.3 | 14.3   | 14.8 | 16.4   | 16.4 |
| 22.5° | 15.3  | 12.7 | 12.7   | 14.3 | 15.3   | 15.8 |
| 25°   | 13.7  | 11.1 | 11.6   | 13.2 | 14.8   | 15.3 |
| 27.5° | 11.6  | 9.5  | 10.6   | 12.7 | 14.3   | 14.8 |
| 30°   | 10.0  | 8.4  | 10.0   | 12.1 | 13.7   | 14.8 |
| 31°   | 9.5   | 7.9  | 10.0   | 11.6 | 13.7   | 14.8 |
| 32°   | 8.4   | 7.9  | 9.5    | 11.6 | 13.7   | 14.3 |
| 33°   | 7.9   | 7.4  | 9.5    | 11.6 | 13.7   | 14.3 |
| 34°   | 7.4   | 6.9  | 9.0    | 11.6 | 13.7   | 14.3 |
| 35°   | 6.3   | 6.9  | 9.0    | 11.1 | 13.2   | 14.3 |
| 36°   | 5.8   | 6.3  | 9.0    | 11.1 | 13.2   | 14.3 |
| 37°   | 5.3   | 6.3  | 8.4    | 11.1 | 13.2   | 14.3 |
| 38°   | 4.8   | 5.8  | 8.4    | 11.1 | 13.2   | 14.3 |
| 39°   | 4.2   | 5.8  | 7.9    | 11.1 | 13.2   | 14.3 |
| 40°   | 3.7   | 5.3  | 7.9    | 10.6 | 13.2   | 14.3 |
| 41°   | 3.7   | 5.3  | 7.9    | 10.6 | 13.2   | 14.3 |
| 42°   | 3.2   | 5.3  | 7.9    | 10.6 | 13.2   | 14.3 |
| 43°   | 2.6   | 4.8  | 7.9    | 10.6 | 13.2   | 14.3 |
| 44°   | 2.1   | 4.8  | 7.4    | 10.6 | 13.2   | 14.3 |
| 45°   | 2.1   | 4.8  | 7.4    | 10.6 | 13.2   | 14.3 |
| 46°   | 1.6   | 4.2  | 7.4    | 10.6 | 13.2   | 14.3 |
| 47°   | 1.1   | 4.2  | 7.4    | 10.0 | 13.2   | 14.3 |
| 48°   | 1.1   | 4.2  | 7.4    | 10.0 | 13.2   | 14.3 |
| 49°   | 1.1   | 4.2  | 6.9    | 10.0 | 13.2   | 14.3 |
| 50°   | 1.1   | 4.2  | 6.9    | 10.0 | 13.2   | 14.3 |
| 51°   | 0.5   | 3.7  | 6.9    | 10.0 | 13.2   | 14.3 |
| 52°   | 0.5   | 3.7  | 6.9    | 10.0 | 13.2   | 14.8 |
| 53°   | 0.5   | 3.7  | 6.9    | 10.0 | 13.2   | 14.3 |
| 54°   | 0.5   | 3.7  | 6.3    | 10.0 | 13.2   | 14.3 |
| 55°   | 0.5   | 3.7  | 6.3    | 10.0 | 13.2   | 14.3 |
| 56°   | 0.5   | 3.2  | 6.3    | 9.5  | 13.2   | 14.3 |
| 57°   | 1.1   | 3.2  | 6.3    | 9.5  | 13.2   | 13.7 |
| 58°   | 1.1   | 3.2  | 6.3    | 9.5  | 12.7   | 13.7 |
| 59°   | 1.1   | 3.2  | 6.3    | 9.5  | 12.7   | 13.7 |
| 60°   | 1.1   | 3.2  | 5.8    | 9.5  | 12.7   | 13.7 |
| 62.5° | 1.1   | 3.2  | 5.8    | 9.0  | 12.1   | 13.2 |
| 65°   | 1.1   | 3.2  | 5.3    | 8.4  | 12.1   | 12.7 |





TEST NUMBER: P1326190

CATALOG NUMBER: LDSQA3D09R25W2N902765DE010 3LSQCA45R 1MB\_2700K

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 1.1   | 2.6 | 5.3    | 7.9  | 11.6   | 12.1 |
| 70°   | 1.6   | 2.6 | 4.8    | 7.9  | 11.1   | 11.6 |
| 72.5° | 1.6   | 2.6 | 4.8    | 6.9  | 10.0   | 11.1 |
| 75°   | 1.6   | 2.6 | 4.2    | 6.3  | 9.5    | 10.0 |
| 77.5° | 1.6   | 2.6 | 3.7    | 5.8  | 8.4    | 9.0  |
| 80°   | 2.1   | 2.6 | 3.2    | 4.8  | 7.4    | 7.9  |
| 82.5° | 2.1   | 2.6 | 2.6    | 3.7  | 5.8    | 6.3  |
| 85°   | 1.6   | 2.1 | 2.1    | 2.6  | 3.7    | 4.2  |
| 87.5° | 1.6   | 2.1 | 1.6    | 1.1  | 2.1    | 2.1  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)