

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: P1326113

Luminaire Tested: LDSQA3D09R25W2N902750DE010 3LSQCA45R 1MW\_3000K

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1326113  
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: LDSQA3D09R25W2N902750DE010 3LSQCA45R 1MW\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,  
3LSQCA45R 1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

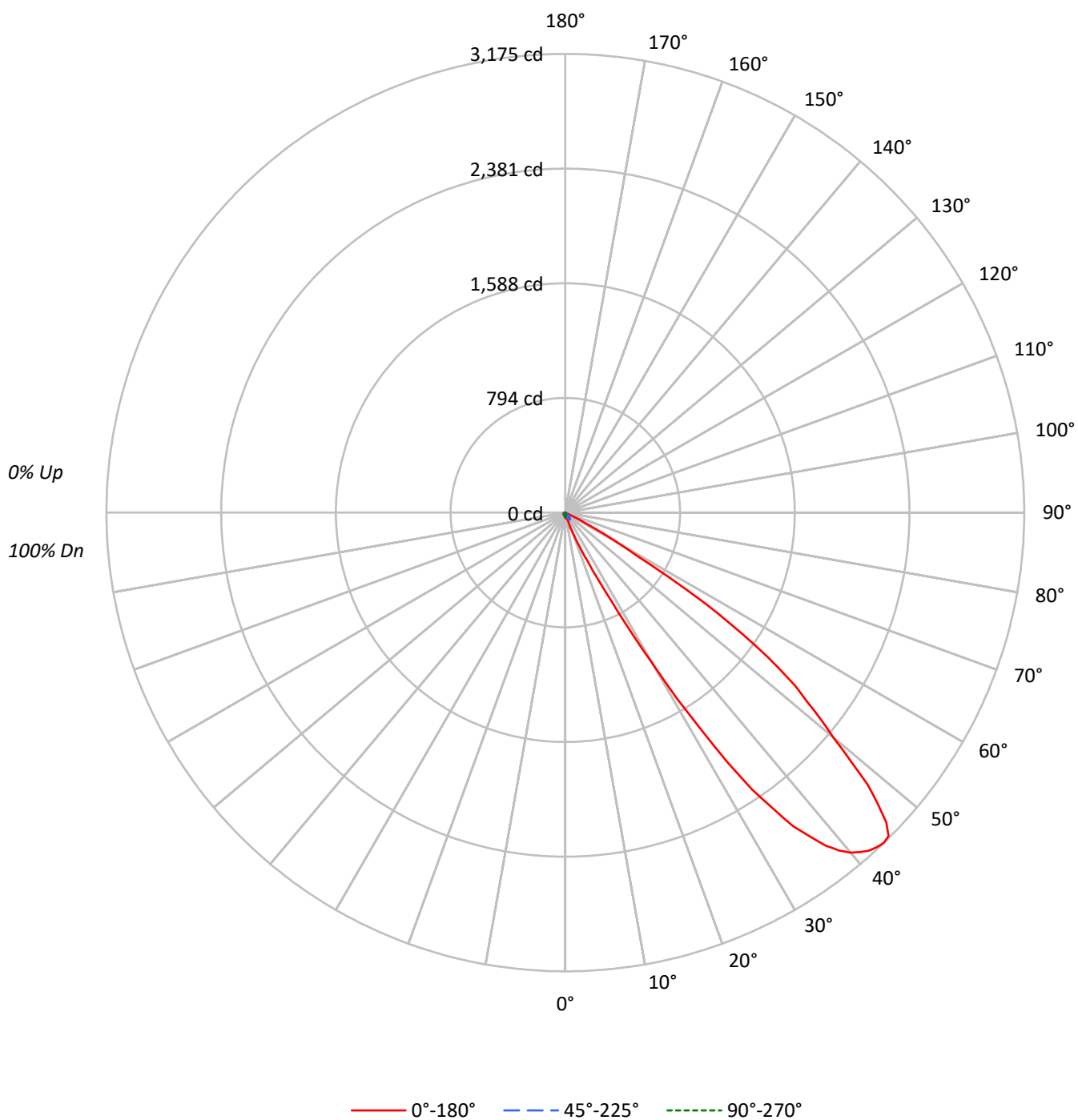
Lumens per Lamp: N/A  
Luminaire Lumens: 662.0 lumens  
Efficiency: N/A  
Efficacy: 73.6 lumens/watt  
Spacing Criteria (0/90/45): 3.65 / 0.6 / 1.37  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 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: P1326113

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### Luminous Intensity Polar Plot



TEST NUMBER: P1326113

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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20  |     |     |     | 20  |     |     |     | 20  |     |    |    |
| RC  | 80  |     |     |     | 70  |     |     |     | 50  |     |     |     | 30  |     |     |     | 10  |     |    | 0  |
| 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°  | 5821   | 5821  | 5821 | 5821 | 5821 |
| 5°  | 6639   | 6345  | 5636 | 5031 | 4927 |
| 10° | 6628   | 6016  | 4792 | 4180 | 4180 |
| 15° | 7382   | 5188  | 3744 | 3530 | 3744 |
| 20° | 26043  | 5132  | 2877 | 2987 | 3317 |
| 25° | 74947  | 6537  | 2318 | 2774 | 3211 |
| 30° | 239116 | 10082 | 1849 | 2665 | 3242 |
| 35° | 523720 | 11879 | 1598 | 2565 | 3301 |
| 40° | 690852 | 10746 | 1304 | 2630 | 3530 |
| 45° | 770428 | 7526  | 1267 | 2850 | 3824 |
| 50° | 648527 | 3912  | 1259 | 2974 | 4207 |
| 55° | 484861 | 1561  | 1231 | 3333 | 4714 |
| 60° | 150075 | 413   | 1206 | 3617 | 5201 |
| 65° | 12837  | 0     | 1426 | 3790 | 5705 |
| 70° | 856    | 302   | 1460 | 4381 | 6445 |
| 75° | 799    | 399   | 1930 | 4658 | 7386 |
| 80° | 595    | 595   | 2876 | 5157 | 8629 |
| 85° | 1186   | 1186  | 4545 | 5730 | 9287 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 770428 cd/sqm

TEST NUMBER: P1326113

CATALOG NUMBER: LDSQA3D09R25W2N902750DE010 3LSQCA45R 1MW\_3000K

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 3.0    | 0.5       |
| 10°-20°   | 7.8    | 1.2       |
| 20°-30°   | 36.6   | 5.5       |
| 30°-40°   | 176.3  | 26.6      |
| 40°-50°   | 276.4  | 41.8      |
| 50°-60°   | 141.7  | 21.4      |
| 60°-70°   | 13.4   | 2.0       |
| 70°-80°   | 4.5    | 0.7       |
| 80°-90°   | 2.3    | 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°    | 47.5   | 7.2       |
| 0°-40°    | 223.8  | 33.8      |
| 0°-60°    | 641.9  | 97.0      |
| 0°-90°    | 662.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 662.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 34   | 34  | 34  | 34   | 34   |      |
| 5°  | 38   | 37  | 33  | 29   | 28   | 4    |
| 15° | 41   | 29  | 21  | 20   | 21   | 17   |
| 25° | 394  | 34  | 12  | 15   | 17   | 245  |
| 35° | 2491 | 56  | 8   | 12   | 16   | 1512 |
| 45° | 3163 | 31  | 5   | 12   | 16   | 2315 |
| 55° | 1615 | 5   | 4   | 11   | 16   | 1344 |
| 65° | 32   | 0   | 4   | 9    | 14   | 99   |
| 75° | 1    | 1   | 3   | 7    | 11   | 1    |
| 85° | 1    | 1   | 2   | 3    | 5    | 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°    | 33.8   | 33.8   | 33.8   | 33.8   | 33.8   | 33.8   | 33.8   | 33.8   | 33.8   | 33.8   | 33.8 |
| 2.5°  | 36.7   | 36.7   | 36.7   | 36.7   | 36.7   | 36.7   | 36.1   | 36.1   | 36.7   | 36.1   | 36.1 |
| 5°    | 38.4   | 38.4   | 38.4   | 38.4   | 38.4   | 38.4   | 38.4   | 37.9   | 37.9   | 37.9   | 36.7 |
| 7.5°  | 39.0   | 38.4   | 38.4   | 38.4   | 38.4   | 38.4   | 38.4   | 38.4   | 37.9   | 37.9   | 36.1 |
| 10°   | 37.9   | 37.9   | 37.9   | 37.9   | 37.3   | 37.3   | 37.3   | 36.7   | 36.7   | 36.7   | 34.4 |
| 12.5° | 37.9   | 37.9   | 37.9   | 37.9   | 37.3   | 37.3   | 36.7   | 36.7   | 36.1   | 35.5   | 31.5 |
| 15°   | 41.4   | 41.4   | 41.4   | 40.8   | 40.2   | 39.6   | 39.0   | 38.4   | 37.9   | 36.7   | 29.1 |
| 17.5° | 60.6   | 58.8   | 58.3   | 55.9   | 53.0   | 50.1   | 47.8   | 45.4   | 43.1   | 41.4   | 28.0 |
| 20°   | 142.1  | 141.6  | 138.6  | 131.7  | 124.1  | 115.3  | 106.6  | 96.7   | 82.7   | 73.4   | 28.0 |
| 22.5° | 246.4  | 242.9  | 237.7  | 232.4  | 219.0  | 203.3  | 187.0  | 168.4  | 150.3  | 131.1  | 29.7 |
| 25°   | 394.4  | 402.5  | 385.1  | 371.1  | 347.8  | 319.2  | 288.4  | 262.7  | 230.1  | 199.8  | 34.4 |
| 27.5° | 685.7  | 690.9  | 656.5  | 611.1  | 556.9  | 496.9  | 438.7  | 395.0  | 340.2  | 290.1  | 43.1 |
| 30°   | 1202.4 | 1207.6 | 1149.9 | 1053.2 | 941.4  | 842.9  | 709.5  | 592.4  | 484.7  | 401.4  | 50.7 |
| 31°   | 1500.6 | 1459.9 | 1392.9 | 1299.1 | 1157.5 | 1009.0 | 848.8  | 707.2  | 570.9  | 461.4  | 53.0 |
| 32°   | 1759.9 | 1756.4 | 1678.3 | 1536.2 | 1394.0 | 1210.5 | 1011.9 | 827.2  | 660.0  | 522.0  | 54.8 |
| 33°   | 2065.7 | 2042.4 | 1932.3 | 1798.3 | 1610.2 | 1425.5 | 1169.2 | 958.3  | 751.5  | 589.5  | 55.9 |
| 34°   | 2311.0 | 2248.0 | 2202.6 | 2049.4 | 1850.7 | 1615.4 | 1341.0 | 1096.9 | 865.7  | 654.8  | 56.5 |
| 35°   | 2491.0 | 2477.6 | 2389.0 | 2246.3 | 2044.1 | 1803.6 | 1526.3 | 1240.8 | 961.2  | 730.5  | 56.5 |
| 36°   | 2681.5 | 2640.1 | 2553.9 | 2424.5 | 2227.6 | 1978.9 | 1667.8 | 1365.5 | 1072.5 | 798.7  | 55.9 |
| 37°   | 2800.9 | 2776.4 | 2690.8 | 2557.4 | 2364.5 | 2126.9 | 1826.3 | 1497.1 | 1161.0 | 866.8  | 54.8 |
| 38°   | 2923.8 | 2874.3 | 2789.8 | 2662.2 | 2472.9 | 2249.8 | 1941.0 | 1598.5 | 1242.6 | 926.8  | 53.0 |
| 39°   | 3008.8 | 2957.6 | 2871.4 | 2744.4 | 2559.1 | 2337.8 | 2031.9 | 1684.7 | 1313.6 | 971.7  | 50.7 |
| 40°   | 3072.9 | 3023.4 | 2936.0 | 2805.5 | 2622.6 | 2407.1 | 2107.6 | 1761.0 | 1373.1 | 1010.7 | 47.8 |
| 41°   | 3112.5 | 3066.5 | 2979.7 | 2849.8 | 2666.3 | 2446.7 | 2157.2 | 1810.5 | 1413.3 | 1036.9 | 44.9 |
| 42°   | 3145.7 | 3098.6 | 3010.0 | 2877.2 | 2693.1 | 2480.5 | 2187.5 | 1842.0 | 1440.6 | 1050.3 | 42.5 |
| 43°   | 3164.4 | 3117.2 | 3031.0 | 2895.2 | 2709.4 | 2496.2 | 2203.8 | 1856.6 | 1450.0 | 1048.6 | 38.4 |
| 44°   | 3174.9 | 3125.9 | 3039.1 | 2903.4 | 2716.4 | 2500.3 | 2204.9 | 1853.7 | 1443.5 | 1034.6 | 35.0 |
| 45°   | 3163.2 | 3114.9 | 3031.0 | 2895.2 | 2704.2 | 2487.5 | 2193.3 | 1837.9 | 1419.1 | 1007.2 | 30.9 |
| 46°   | 3087.5 | 3050.2 | 2973.3 | 2848.6 | 2665.7 | 2454.8 | 2163.6 | 1807.6 | 1381.2 | 973.4  | 26.2 |
| 47°   | 2954.1 | 2924.4 | 2849.8 | 2757.2 | 2591.7 | 2394.8 | 2108.8 | 1750.0 | 1328.2 | 922.8  | 21.0 |
| 48°   | 2814.9 | 2771.2 | 2701.8 | 2606.9 | 2467.1 | 2287.1 | 2018.5 | 1665.5 | 1247.8 | 856.3  | 18.6 |
| 49°   | 2609.2 | 2583.6 | 2522.4 | 2416.4 | 2300.5 | 2142.0 | 1890.9 | 1557.1 | 1149.4 | 784.1  | 16.3 |
| 50°   | 2420.5 | 2403.0 | 2317.4 | 2239.3 | 2116.4 | 1968.4 | 1717.9 | 1414.4 | 1027.0 | 694.4  | 14.6 |
| 51°   | 2273.1 | 2252.1 | 2190.4 | 2093.1 | 1962.0 | 1790.2 | 1554.2 | 1229.2 | 886.6  | 587.8  | 11.7 |
| 52°   | 2119.3 | 2107.6 | 2052.9 | 1952.7 | 1823.9 | 1652.7 | 1395.2 | 1071.9 | 750.3  | 496.9  | 9.3  |
| 53°   | 1993.5 | 1976.6 | 1909.6 | 1820.5 | 1681.2 | 1504.1 | 1222.8 | 925.7  | 635.6  | 417.7  | 8.2  |
| 54°   | 1810.0 | 1803.0 | 1759.9 | 1666.7 | 1515.8 | 1323.0 | 1066.6 | 779.4  | 530.1  | 354.2  | 7.0  |
| 55°   | 1614.8 | 1591.5 | 1547.8 | 1473.8 | 1335.2 | 1155.2 | 886.1  | 646.0  | 428.8  | 298.3  | 5.2  |
| 56°   | 1377.1 | 1376.0 | 1297.9 | 1236.2 | 1113.2 | 922.2  | 707.8  | 504.5  | 348.4  | 248.7  | 4.7  |
| 57°   | 1149.9 | 1113.2 | 1038.1 | 976.9  | 844.7  | 699.6  | 525.5  | 378.1  | 272.6  | 201.6  | 3.5  |
| 58°   | 850.5  | 831.3  | 811.5  | 721.8  | 599.4  | 495.7  | 375.2  | 265.6  | 201.6  | 153.8  | 2.3  |
| 59°   | 577.3  | 576.7  | 553.4  | 485.3  | 414.8  | 308.7  | 234.2  | 180.6  | 138.6  | 113.0  | 1.7  |
| 60°   | 435.7  | 425.3  | 378.7  | 333.8  | 261.0  | 195.2  | 138.6  | 106.6  | 86.2   | 72.8   | 1.2  |
| 62.5° | 152.6  | 158.5  | 139.2  | 115.3  | 88.0   | 72.2   | 55.3   | 44.9   | 36.7   | 29.7   | 0.0  |
| 65°   | 31.5   | 34.4   | 29.7   | 28.0   | 22.1   | 19.2   | 16.9   | 14.6   | 12.2   | 10.5   | 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° | 4.1 | 3.5  | 3.5 | 3.5  | 2.9 | 2.9   | 2.9 | 2.9   | 2.3 | 2.3   | 0.6 |
| 70°   | 1.7 | 1.7  | 1.7 | 1.7  | 1.7 | 1.7   | 1.2 | 1.2   | 1.2 | 1.2   | 0.6 |
| 72.5° | 1.7 | 1.7  | 1.7 | 1.2  | 1.2 | 1.2   | 1.2 | 1.2   | 1.2 | 0.6   | 0.6 |
| 75°   | 1.2 | 1.2  | 1.2 | 1.2  | 1.2 | 1.2   | 1.2 | 0.6   | 0.6 | 0.6   | 0.6 |
| 77.5° | 1.2 | 1.2  | 1.2 | 1.2  | 1.2 | 1.2   | 0.6 | 0.6   | 0.6 | 0.6   | 0.6 |
| 80°   | 0.6 | 0.6  | 0.6 | 0.6  | 0.6 | 0.6   | 0.6 | 0.6   | 0.6 | 0.6   | 0.6 |
| 82.5° | 0.6 | 0.6  | 0.6 | 0.6  | 0.6 | 0.6   | 0.6 | 0.6   | 0.6 | 0.6   | 1.2 |
| 85°   | 0.6 | 0.6  | 0.6 | 0.0  | 0.0 | 0.6   | 0.6 | 0.6   | 0.6 | 0.6   | 0.6 |
| 87.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.6 |
| 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°    | 33.8  | 33.8 | 33.8   | 33.8 | 33.8   | 33.8 |
| 2.5°  | 35.5  | 34.4 | 32.6   | 32.0 | 31.5   | 31.5 |
| 5°    | 35.0  | 32.6 | 30.9   | 29.1 | 28.5   | 28.5 |
| 7.5°  | 33.2  | 30.3 | 28.0   | 26.8 | 26.2   | 25.6 |
| 10°   | 31.5  | 27.4 | 25.0   | 23.9 | 23.9   | 23.9 |
| 12.5° | 28.0  | 24.5 | 22.1   | 21.6 | 22.1   | 22.1 |
| 15°   | 25.0  | 21.0 | 19.8   | 19.8 | 20.4   | 21.0 |
| 17.5° | 21.6  | 18.6 | 17.5   | 18.1 | 18.6   | 19.2 |
| 20°   | 19.2  | 15.7 | 15.7   | 16.3 | 18.1   | 18.1 |
| 22.5° | 16.9  | 14.0 | 14.0   | 15.7 | 16.9   | 17.5 |
| 25°   | 15.1  | 12.2 | 12.8   | 14.6 | 16.3   | 16.9 |
| 27.5° | 12.8  | 10.5 | 11.7   | 14.0 | 15.7   | 16.3 |
| 30°   | 11.1  | 9.3  | 11.1   | 13.4 | 15.1   | 16.3 |
| 31°   | 10.5  | 8.7  | 11.1   | 12.8 | 15.1   | 16.3 |
| 32°   | 9.3   | 8.7  | 10.5   | 12.8 | 15.1   | 15.7 |
| 33°   | 8.7   | 8.2  | 10.5   | 12.8 | 15.1   | 15.7 |
| 34°   | 8.2   | 7.6  | 9.9    | 12.8 | 15.1   | 15.7 |
| 35°   | 7.0   | 7.6  | 9.9    | 12.2 | 14.6   | 15.7 |
| 36°   | 6.4   | 7.0  | 9.9    | 12.2 | 14.6   | 15.7 |
| 37°   | 5.8   | 7.0  | 9.3    | 12.2 | 14.6   | 15.7 |
| 38°   | 5.2   | 6.4  | 9.3    | 12.2 | 14.6   | 15.7 |
| 39°   | 4.7   | 6.4  | 8.7    | 12.2 | 14.6   | 15.7 |
| 40°   | 4.1   | 5.8  | 8.7    | 11.7 | 14.6   | 15.7 |
| 41°   | 4.1   | 5.8  | 8.7    | 11.7 | 14.6   | 15.7 |
| 42°   | 3.5   | 5.8  | 8.7    | 11.7 | 14.6   | 15.7 |
| 43°   | 2.9   | 5.2  | 8.7    | 11.7 | 14.6   | 15.7 |
| 44°   | 2.3   | 5.2  | 8.2    | 11.7 | 14.6   | 15.7 |
| 45°   | 2.3   | 5.2  | 8.2    | 11.7 | 14.6   | 15.7 |
| 46°   | 1.7   | 4.7  | 8.2    | 11.7 | 14.6   | 15.7 |
| 47°   | 1.2   | 4.7  | 8.2    | 11.1 | 14.6   | 15.7 |
| 48°   | 1.2   | 4.7  | 8.2    | 11.1 | 14.6   | 15.7 |
| 49°   | 1.2   | 4.7  | 7.6    | 11.1 | 14.6   | 15.7 |
| 50°   | 1.2   | 4.7  | 7.6    | 11.1 | 14.6   | 15.7 |
| 51°   | 0.6   | 4.1  | 7.6    | 11.1 | 14.6   | 15.7 |
| 52°   | 0.6   | 4.1  | 7.6    | 11.1 | 14.6   | 16.3 |
| 53°   | 0.6   | 4.1  | 7.6    | 11.1 | 14.6   | 15.7 |
| 54°   | 0.6   | 4.1  | 7.0    | 11.1 | 14.6   | 15.7 |
| 55°   | 0.6   | 4.1  | 7.0    | 11.1 | 14.6   | 15.7 |
| 56°   | 0.6   | 3.5  | 7.0    | 10.5 | 14.6   | 15.7 |
| 57°   | 1.2   | 3.5  | 7.0    | 10.5 | 14.6   | 15.1 |
| 58°   | 1.2   | 3.5  | 7.0    | 10.5 | 14.0   | 15.1 |
| 59°   | 1.2   | 3.5  | 7.0    | 10.5 | 14.0   | 15.1 |
| 60°   | 1.2   | 3.5  | 6.4    | 10.5 | 14.0   | 15.1 |
| 62.5° | 1.2   | 3.5  | 6.4    | 9.9  | 13.4   | 14.6 |
| 65°   | 1.2   | 3.5  | 5.8    | 9.3  | 13.4   | 14.0 |



TEST NUMBER: P1326113

CATALOG NUMBER: LDSQA3D09R25W2N902750DE010 3LSQCA45R 1MW\_3000K

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 1.2   | 2.9 | 5.8    | 8.7  | 12.8   | 13.4 |
| 70°   | 1.7   | 2.9 | 5.2    | 8.7  | 12.2   | 12.8 |
| 72.5° | 1.7   | 2.9 | 5.2    | 7.6  | 11.1   | 12.2 |
| 75°   | 1.7   | 2.9 | 4.7    | 7.0  | 10.5   | 11.1 |
| 77.5° | 1.7   | 2.9 | 4.1    | 6.4  | 9.3    | 9.9  |
| 80°   | 2.3   | 2.9 | 3.5    | 5.2  | 8.2    | 8.7  |
| 82.5° | 2.3   | 2.9 | 2.9    | 4.1  | 6.4    | 7.0  |
| 85°   | 1.7   | 2.3 | 2.3    | 2.9  | 4.1    | 4.7  |
| 87.5° | 1.7   | 2.3 | 1.7    | 1.2  | 2.3    | 2.3  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)