

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: P1326200

Luminaire Tested: LDSQA3D09R25W2N902765DE010 3LSQCA45R 1MMS\_5000K

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1326200  
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 1MMS\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 90CRI ,  
3LSQCA45R 1MMS TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

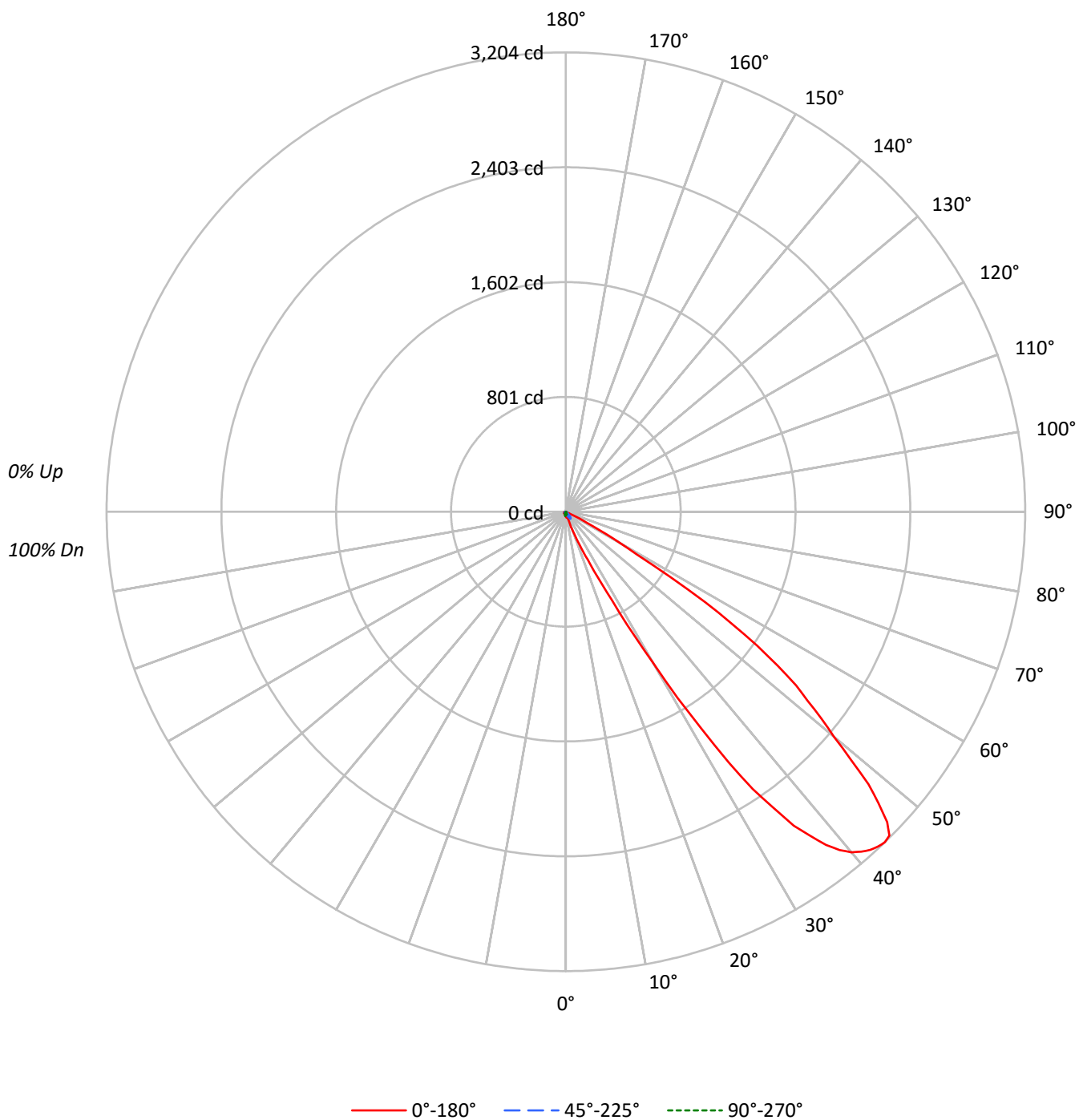
Lumens per Lamp: N/A  
Luminaire Lumens: 668.0 lumens  
Efficiency: N/A  
Efficacy: 74.2 lumens/watt  
Spacing Criteria (0/90/45): 3.65 / 0.6 / 1.37  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

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

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### Luminous Intensity Polar Plot



TEST NUMBER: P1326200

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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 |    |
| 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°  | 5873   | 5873  | 5873 | 5873 | 5873 |
| 5°  | 6708   | 6397  | 5688 | 5083 | 4979 |
| 10° | 6680   | 6068  | 4827 | 4215 | 4215 |
| 15° | 7435   | 5242  | 3780 | 3566 | 3780 |
| 20° | 26282  | 5168  | 2914 | 3024 | 3336 |
| 25° | 75631  | 6594  | 2337 | 2793 | 3230 |
| 30° | 241284 | 10162 | 1869 | 2685 | 3281 |
| 35° | 528451 | 11984 | 1598 | 2586 | 3343 |
| 40° | 697124 | 10836 | 1326 | 2653 | 3575 |
| 45° | 777418 | 7599  | 1291 | 2874 | 3873 |
| 50° | 654394 | 3939  | 1259 | 3001 | 4260 |
| 55° | 489245 | 1591  | 1231 | 3363 | 4774 |
| 60° | 151453 | 413   | 1206 | 3651 | 5270 |
| 65° | 12918  | 0     | 1426 | 3831 | 5746 |
| 70° | 906    | 302   | 1460 | 4431 | 6496 |
| 75° | 799    | 399   | 1930 | 4724 | 7453 |
| 80° | 595    | 595   | 2876 | 5256 | 8728 |
| 85° | 1186   | 1186  | 4742 | 5730 | 9287 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 777418 cd/sqm

TEST NUMBER: P1326200

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 3.1    | 0.5       |
| 10°-20°   | 7.9    | 1.2       |
| 20°-30°   | 37.0   | 5.5       |
| 30°-40°   | 177.9  | 26.6      |
| 40°-50°   | 278.9  | 41.8      |
| 50°-60°   | 143.0  | 21.4      |
| 60°-70°   | 13.5   | 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°    | 47.9   | 7.2       |
| 0°-40°    | 225.8  | 33.8      |
| 0°-60°    | 647.7  | 97.0      |
| 0°-90°    | 668.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 668.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 34   | 34  | 34  | 34   | 34   |      |
| 5°  | 39   | 37  | 33  | 29   | 29   | 4    |
| 15° | 42   | 29  | 21  | 20   | 21   | 18   |
| 25° | 398  | 35  | 12  | 15   | 17   | 247  |
| 35° | 2514 | 57  | 8   | 12   | 16   | 1526 |
| 45° | 3192 | 31  | 5   | 12   | 16   | 2336 |
| 55° | 1629 | 5   | 4   | 11   | 16   | 1357 |
| 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°    | 34.1   | 34.1   | 34.1   | 34.1   | 34.1   | 34.1   | 34.1   | 34.1   | 34.1   | 34.1   | 34.1 |
| 2.5°  | 37.0   | 37.0   | 37.0   | 37.0   | 37.0   | 37.0   | 36.4   | 36.4   | 37.0   | 36.4   | 36.4 |
| 5°    | 38.8   | 38.8   | 38.8   | 38.8   | 38.8   | 38.8   | 38.8   | 38.2   | 38.2   | 38.2   | 37.0 |
| 7.5°  | 39.4   | 38.8   | 38.8   | 38.8   | 38.8   | 38.8   | 38.8   | 38.8   | 38.2   | 38.2   | 36.4 |
| 10°   | 38.2   | 38.2   | 38.2   | 38.2   | 37.6   | 37.6   | 37.6   | 37.0   | 37.0   | 37.0   | 34.7 |
| 12.5° | 38.2   | 38.2   | 38.2   | 38.2   | 37.6   | 37.6   | 37.0   | 37.0   | 36.4   | 35.9   | 31.7 |
| 15°   | 41.7   | 41.7   | 41.7   | 41.1   | 40.6   | 40.0   | 39.4   | 38.8   | 38.2   | 37.0   | 29.4 |
| 17.5° | 61.1   | 59.4   | 58.8   | 56.4   | 53.5   | 50.6   | 48.2   | 45.9   | 43.5   | 41.7   | 28.2 |
| 20°   | 143.4  | 142.8  | 139.9  | 132.8  | 125.2  | 116.4  | 107.6  | 97.6   | 83.5   | 74.1   | 28.2 |
| 22.5° | 248.6  | 245.1  | 239.8  | 234.5  | 221.0  | 205.2  | 188.7  | 169.9  | 151.7  | 132.3  | 30.0 |
| 25°   | 398.0  | 406.2  | 388.6  | 374.4  | 350.9  | 322.1  | 291.0  | 265.1  | 232.2  | 201.6  | 34.7 |
| 27.5° | 691.9  | 697.2  | 662.5  | 616.6  | 562.0  | 501.4  | 442.6  | 398.5  | 343.3  | 292.7  | 43.5 |
| 30°   | 1213.3 | 1218.6 | 1160.4 | 1062.8 | 949.9  | 850.6  | 716.0  | 597.8  | 489.1  | 405.0  | 51.1 |
| 31°   | 1514.2 | 1473.1 | 1405.5 | 1310.8 | 1168.0 | 1018.1 | 856.5  | 713.6  | 576.1  | 465.6  | 53.5 |
| 32°   | 1775.8 | 1772.3 | 1693.5 | 1550.1 | 1406.7 | 1221.5 | 1021.1 | 834.7  | 666.0  | 526.7  | 55.3 |
| 33°   | 2084.4 | 2060.9 | 1949.8 | 1814.6 | 1624.7 | 1438.4 | 1179.8 | 967.0  | 758.3  | 594.9  | 56.4 |
| 34°   | 2331.9 | 2268.4 | 2222.6 | 2068.0 | 1867.5 | 1630.0 | 1353.2 | 1106.9 | 873.5  | 660.7  | 57.0 |
| 35°   | 2513.5 | 2500.0 | 2410.7 | 2266.7 | 2062.7 | 1819.9 | 1540.1 | 1252.1 | 969.9  | 737.1  | 57.0 |
| 36°   | 2705.8 | 2664.0 | 2577.0 | 2446.5 | 2247.8 | 1996.8 | 1682.9 | 1377.9 | 1082.2 | 805.9  | 56.4 |
| 37°   | 2826.3 | 2801.6 | 2715.2 | 2580.5 | 2386.0 | 2146.1 | 1842.8 | 1510.7 | 1171.5 | 874.7  | 55.3 |
| 38°   | 2950.3 | 2900.3 | 2815.1 | 2686.4 | 2495.3 | 2270.2 | 1958.6 | 1613.0 | 1253.8 | 935.2  | 53.5 |
| 39°   | 3036.1 | 2984.4 | 2897.4 | 2769.2 | 2582.3 | 2358.9 | 2050.3 | 1700.0 | 1325.5 | 980.5  | 51.1 |
| 40°   | 3100.8 | 3050.8 | 2962.6 | 2831.0 | 2646.4 | 2428.9 | 2126.7 | 1777.0 | 1385.5 | 1019.9 | 48.2 |
| 41°   | 3140.7 | 3094.3 | 3006.7 | 2875.6 | 2690.5 | 2468.9 | 2176.7 | 1827.0 | 1426.1 | 1046.3 | 45.3 |
| 42°   | 3174.3 | 3126.6 | 3037.3 | 2903.3 | 2717.5 | 2503.0 | 2207.3 | 1858.7 | 1453.7 | 1059.8 | 42.9 |
| 43°   | 3193.1 | 3145.4 | 3058.4 | 2921.5 | 2734.0 | 2518.8 | 2223.7 | 1873.4 | 1463.1 | 1058.1 | 38.8 |
| 44°   | 3203.6 | 3154.3 | 3066.7 | 2929.7 | 2741.0 | 2522.9 | 2224.9 | 1870.5 | 1456.6 | 1044.0 | 35.3 |
| 45°   | 3191.9 | 3143.1 | 3058.4 | 2921.5 | 2728.7 | 2510.0 | 2213.2 | 1854.6 | 1431.9 | 1016.3 | 31.2 |
| 46°   | 3115.5 | 3077.8 | 3000.3 | 2874.5 | 2689.9 | 2477.1 | 2183.2 | 1824.0 | 1393.7 | 982.3  | 26.5 |
| 47°   | 2980.9 | 2950.9 | 2875.6 | 2782.2 | 2615.2 | 2416.5 | 2127.9 | 1765.8 | 1340.2 | 931.1  | 21.2 |
| 48°   | 2840.4 | 2796.3 | 2726.3 | 2630.5 | 2489.4 | 2307.8 | 2036.8 | 1680.6 | 1259.1 | 864.1  | 18.8 |
| 49°   | 2632.9 | 2607.0 | 2545.3 | 2438.3 | 2321.3 | 2161.4 | 1908.1 | 1571.3 | 1159.8 | 791.2  | 16.5 |
| 50°   | 2442.4 | 2424.8 | 2338.4 | 2259.6 | 2135.6 | 1986.3 | 1733.5 | 1427.2 | 1036.3 | 700.7  | 14.7 |
| 51°   | 2293.7 | 2272.5 | 2210.2 | 2112.1 | 1979.8 | 1806.4 | 1568.3 | 1240.3 | 894.7  | 593.1  | 11.8 |
| 52°   | 2138.5 | 2126.7 | 2071.5 | 1970.4 | 1840.5 | 1667.7 | 1407.8 | 1081.6 | 757.1  | 501.4  | 9.4  |
| 53°   | 2011.5 | 1994.5 | 1926.9 | 1837.0 | 1696.5 | 1517.8 | 1233.8 | 934.1  | 641.3  | 421.5  | 8.2  |
| 54°   | 1826.4 | 1819.3 | 1775.8 | 1681.8 | 1529.5 | 1334.9 | 1076.3 | 786.5  | 534.9  | 357.4  | 7.1  |
| 55°   | 1629.4 | 1605.9 | 1561.8 | 1487.2 | 1347.3 | 1165.7 | 894.1  | 651.9  | 432.6  | 301.0  | 5.3  |
| 56°   | 1389.6 | 1388.4 | 1309.7 | 1247.4 | 1123.3 | 930.5  | 714.2  | 509.1  | 351.5  | 251.0  | 4.7  |
| 57°   | 1160.4 | 1123.3 | 1047.5 | 985.8  | 852.3  | 706.0  | 530.2  | 381.5  | 275.1  | 203.4  | 3.5  |
| 58°   | 858.2  | 838.8  | 818.8  | 728.3  | 604.9  | 500.2  | 378.6  | 268.0  | 203.4  | 155.2  | 2.4  |
| 59°   | 582.5  | 581.9  | 558.4  | 489.7  | 418.5  | 311.5  | 236.3  | 182.2  | 139.9  | 114.0  | 1.8  |
| 60°   | 439.7  | 429.1  | 382.1  | 336.8  | 263.3  | 196.9  | 139.9  | 107.6  | 87.0   | 73.5   | 1.2  |
| 62.5° | 154.0  | 159.9  | 140.5  | 116.4  | 88.8   | 72.9   | 55.8   | 45.3   | 37.0   | 30.0   | 0.0  |
| 65°   | 31.7   | 34.7   | 30.0   | 28.2   | 22.3   | 19.4   | 17.0   | 14.7   | 12.3   | 10.6   | 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   | 2.4 | 2.4   | 0.6 |
| 70°   | 1.8 | 1.8  | 1.8 | 1.8  | 1.8 | 1.8   | 1.2 | 1.2   | 1.2 | 1.2   | 0.6 |
| 72.5° | 1.8 | 1.8  | 1.8 | 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°    | 34.1  | 34.1 | 34.1   | 34.1 | 34.1   | 34.1 |
| 2.5°  | 35.9  | 34.7 | 32.9   | 32.3 | 31.7   | 31.7 |
| 5°    | 35.3  | 32.9 | 31.2   | 29.4 | 28.8   | 28.8 |
| 7.5°  | 33.5  | 30.6 | 28.2   | 27.0 | 26.5   | 25.9 |
| 10°   | 31.7  | 27.6 | 25.3   | 24.1 | 24.1   | 24.1 |
| 12.5° | 28.2  | 24.7 | 22.3   | 21.7 | 22.3   | 22.3 |
| 15°   | 25.3  | 21.2 | 20.0   | 20.0 | 20.6   | 21.2 |
| 17.5° | 21.7  | 18.8 | 17.6   | 18.2 | 18.8   | 19.4 |
| 20°   | 19.4  | 15.9 | 15.9   | 16.5 | 18.2   | 18.2 |
| 22.5° | 17.0  | 14.1 | 14.1   | 15.9 | 17.0   | 17.6 |
| 25°   | 15.3  | 12.3 | 12.9   | 14.7 | 16.5   | 17.0 |
| 27.5° | 12.9  | 10.6 | 11.8   | 14.1 | 15.9   | 16.5 |
| 30°   | 11.2  | 9.4  | 11.2   | 13.5 | 15.3   | 16.5 |
| 31°   | 10.6  | 8.8  | 11.2   | 12.9 | 15.3   | 16.5 |
| 32°   | 9.4   | 8.8  | 10.6   | 12.9 | 15.3   | 15.9 |
| 33°   | 8.8   | 8.2  | 10.6   | 12.9 | 15.3   | 15.9 |
| 34°   | 8.2   | 7.6  | 10.0   | 12.9 | 15.3   | 15.9 |
| 35°   | 7.1   | 7.6  | 10.0   | 12.3 | 14.7   | 15.9 |
| 36°   | 6.5   | 7.1  | 10.0   | 12.3 | 14.7   | 15.9 |
| 37°   | 5.9   | 7.1  | 9.4    | 12.3 | 14.7   | 15.9 |
| 38°   | 5.3   | 6.5  | 9.4    | 12.3 | 14.7   | 15.9 |
| 39°   | 4.7   | 6.5  | 8.8    | 12.3 | 14.7   | 15.9 |
| 40°   | 4.1   | 5.9  | 8.8    | 11.8 | 14.7   | 15.9 |
| 41°   | 4.1   | 5.9  | 8.8    | 11.8 | 14.7   | 15.9 |
| 42°   | 3.5   | 5.9  | 8.8    | 11.8 | 14.7   | 15.9 |
| 43°   | 2.9   | 5.3  | 8.8    | 11.8 | 14.7   | 15.9 |
| 44°   | 2.4   | 5.3  | 8.2    | 11.8 | 14.7   | 15.9 |
| 45°   | 2.4   | 5.3  | 8.2    | 11.8 | 14.7   | 15.9 |
| 46°   | 1.8   | 4.7  | 8.2    | 11.8 | 14.7   | 15.9 |
| 47°   | 1.2   | 4.7  | 8.2    | 11.2 | 14.7   | 15.9 |
| 48°   | 1.2   | 4.7  | 8.2    | 11.2 | 14.7   | 15.9 |
| 49°   | 1.2   | 4.7  | 7.6    | 11.2 | 14.7   | 15.9 |
| 50°   | 1.2   | 4.7  | 7.6    | 11.2 | 14.7   | 15.9 |
| 51°   | 0.6   | 4.1  | 7.6    | 11.2 | 14.7   | 15.9 |
| 52°   | 0.6   | 4.1  | 7.6    | 11.2 | 14.7   | 16.5 |
| 53°   | 0.6   | 4.1  | 7.6    | 11.2 | 14.7   | 15.9 |
| 54°   | 0.6   | 4.1  | 7.1    | 11.2 | 14.7   | 15.9 |
| 55°   | 0.6   | 4.1  | 7.1    | 11.2 | 14.7   | 15.9 |
| 56°   | 0.6   | 3.5  | 7.1    | 10.6 | 14.7   | 15.9 |
| 57°   | 1.2   | 3.5  | 7.1    | 10.6 | 14.7   | 15.3 |
| 58°   | 1.2   | 3.5  | 7.1    | 10.6 | 14.1   | 15.3 |
| 59°   | 1.2   | 3.5  | 7.1    | 10.6 | 14.1   | 15.3 |
| 60°   | 1.2   | 3.5  | 6.5    | 10.6 | 14.1   | 15.3 |
| 62.5° | 1.2   | 3.5  | 6.5    | 10.0 | 13.5   | 14.7 |
| 65°   | 1.2   | 3.5  | 5.9    | 9.4  | 13.5   | 14.1 |



TEST NUMBER: P1326200

CATALOG NUMBER: LDSQA3D09R25W2N902765DE010 3LSQCA45R 1MMS\_5000K

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 1.2   | 2.9 | 5.9    | 8.8  | 12.9   | 13.5 |
| 70°   | 1.8   | 2.9 | 5.3    | 8.8  | 12.3   | 12.9 |
| 72.5° | 1.8   | 2.9 | 5.3    | 7.6  | 11.2   | 12.3 |
| 75°   | 1.8   | 2.9 | 4.7    | 7.1  | 10.6   | 11.2 |
| 77.5° | 1.8   | 2.9 | 4.1    | 6.5  | 9.4    | 10.0 |
| 80°   | 2.4   | 2.9 | 3.5    | 5.3  | 8.2    | 8.8  |
| 82.5° | 2.4   | 2.9 | 2.9    | 4.1  | 6.5    | 7.1  |
| 85°   | 1.8   | 2.4 | 2.4    | 2.9  | 4.1    | 4.7  |
| 87.5° | 1.8   | 2.4 | 1.8    | 1.2  | 2.4    | 2.4  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)