

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: P1325751

Luminaire Tested: LDSQA3D09R15W2N902750DE010 3LSQCA30R 1MMS\_2700K

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1325751  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-47)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D09R15W2N902750DE010 3LSQCA30R 1MMS\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 2700K CCT AND, 90CRI ,  
3LSQCA30R 1MMS TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

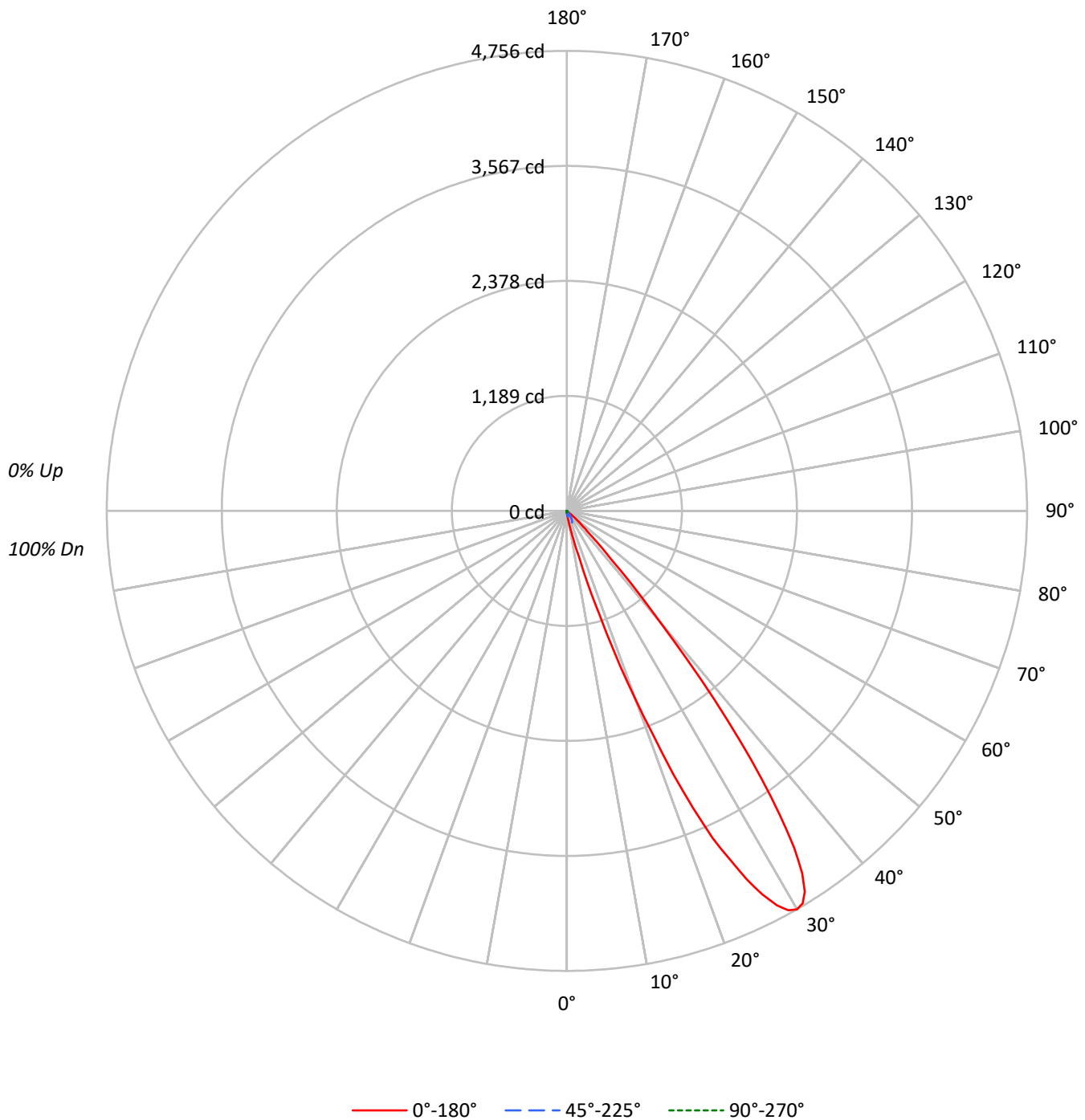
Lumens per Lamp: N/A  
Luminaire Lumens: 503.0 lumens  
Efficiency: N/A  
Efficacy: 55.9 lumens/watt  
Spacing Criteria (0/90/45): 2.33 / 0.38 / 1.17  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

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: P1325751

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### Luminous Intensity Polar Plot



TEST NUMBER: P1325751

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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 | 10 |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |    |    |
| 1   | 113 | 109 | 107 | 104 | 110 | 107 | 105 | 102 | 103 | 101 | 99  | 99  | 98  | 96  | 96  | 95  | 94  | 92  |    |    |
| 2   | 106 | 100 | 96  | 92  | 104 | 99  | 94  | 91  | 95  | 92  | 89  | 92  | 89  | 87  | 89  | 87  | 85  | 83  |    |    |
| 3   | 99  | 92  | 86  | 81  | 97  | 90  | 85  | 81  | 88  | 83  | 79  | 85  | 81  | 78  | 83  | 80  | 77  | 75  |    |    |
| 4   | 93  | 84  | 78  | 73  | 91  | 83  | 77  | 72  | 81  | 75  | 71  | 79  | 74  | 70  | 77  | 73  | 70  | 68  |    |    |
| 5   | 87  | 77  | 70  | 65  | 85  | 76  | 70  | 65  | 74  | 68  | 64  | 72  | 67  | 63  | 71  | 66  | 63  | 61  |    |    |
| 6   | 81  | 71  | 63  | 58  | 79  | 70  | 63  | 58  | 68  | 62  | 58  | 67  | 61  | 57  | 65  | 60  | 57  | 55  |    |    |
| 7   | 76  | 65  | 57  | 52  | 74  | 64  | 57  | 52  | 63  | 56  | 52  | 61  | 56  | 52  | 60  | 55  | 51  | 50  |    |    |
| 8   | 71  | 59  | 52  | 47  | 69  | 59  | 52  | 47  | 58  | 51  | 47  | 56  | 51  | 47  | 55  | 50  | 46  | 45  |    |    |
| 9   | 66  | 55  | 47  | 43  | 65  | 54  | 47  | 43  | 53  | 47  | 42  | 52  | 46  | 42  | 51  | 46  | 42  | 41  |    |    |
| 10  | 62  | 50  | 43  | 39  | 61  | 50  | 43  | 39  | 49  | 43  | 38  | 48  | 42  | 38  | 47  | 42  | 38  | 37  |    |    |

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

|     | 0°     | 45°   | 90°  | 135° | 180° |
|-----|--------|-------|------|------|------|
| 0°  | 3100   | 3100  | 3100 | 3100 | 3100 |
| 5°  | 8955   | 6760  | 2645 | 1089 | 726  |
| 10° | 23311  | 10091 | 1749 | 0    | 0    |
| 15° | 93179  | 16510 | 945  | 0    | 0    |
| 20° | 380682 | 24339 | 293  | 0    | 0    |
| 25° | 752525 | 24114 | 0    | 0    | 0    |
| 30° | 945844 | 19031 | 0    | 0    | 0    |
| 35° | 807026 | 11669 | 0    | 0    | 0    |
| 40° | 332240 | 3687  | 0    | 0    | 0    |
| 45° | 71874  | 1534  | 0    | 0    | 0    |
| 50° | 9217   | 0     | 0    | 0    | 0    |
| 55° | 781    | 0     | 150  | 0    | 0    |
| 60° | 0      | 0     | 379  | 0    | 0    |
| 65° | 0      | 0     | 448  | 0    | 0    |
| 70° | 0      | 252   | 806  | 0    | 0    |
| 75° | 0      | 333   | 1065 | 0    | 0    |
| 80° | 0      | 496   | 1587 | 0    | 0    |
| 85° | 0      | 988   | 3162 | 0    | 0    |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 2°

Vertical Angle: 45°

Luminance: 75236 cd/sqm

TEST NUMBER: P1325751

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 2.4    | 0.5       |
| 10°-20°   | 35.3   | 7.0       |
| 20°-30°   | 205.5  | 40.8      |
| 30°-40°   | 220.3  | 43.8      |
| 40°-50°   | 37.2   | 7.4       |
| 50°-60°   | 1.1    | 0.2       |
| 60°-70°   | 0.3    | 0.1       |
| 70°-80°   | 0.5    | 0.1       |
| 80°-90°   | 0.4    | 0.1       |
| 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°    | 243.1  | 48.3      |
| 0°-40°    | 463.4  | 92.1      |
| 0°-60°    | 501.7  | 99.7      |
| 0°-90°    | 503.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 503.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 18   | 18  | 18  | 18   | 18   |      |
| 5°  | 52   | 39  | 15  | 6    | 4    | 7    |
| 15° | 523  | 93  | 5   | 0    | 0    | 242  |
| 25° | 3960 | 127 | 0   | 0    | 0    | 1792 |
| 35° | 3838 | 56  | 0   | 0    | 0    | 2206 |
| 45° | 295  | 6   | 0   | 0    | 0    | 349  |
| 55° | 3    | 0   | 0   | 0    | 0    | 7    |
| 65° | 0    | 0   | 1   | 0    | 0    | 0    |
| 75° | 0    | 0   | 2   | 0    | 0    | 0    |
| 85° | 0    | 0   | 2   | 0    | 0    | 0    |
| 90° | 0    | 0   | 0   | 0    | 0    |      |

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CATALOG NUMBER: LDSQA3D09R15W2N902750DE010 3LSQCA30R 1MMS\_2700K

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 1°     | 2°     | 3°     | 4°     | 5°     | 6°     | 7°     | 8°     | 9°     | 10°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 18.0   | 18.0   | 18.0   | 18.0   | 18.0   | 18.0   | 18.0   | 18.0   | 18.0   | 18.0   | 18.0   |
| 2.5°  | 32.8   | 33.3   | 33.9   | 33.9   | 33.9   | 33.9   | 33.3   | 33.3   | 33.3   | 33.3   | 32.8   |
| 5°    | 51.8   | 51.8   | 51.8   | 51.8   | 51.8   | 51.8   | 51.3   | 51.3   | 51.3   | 51.3   | 51.3   |
| 7.5°  | 74.1   | 73.0   | 73.5   | 71.9   | 73.0   | 72.5   | 71.9   | 73.0   | 73.0   | 70.3   | 70.3   |
| 10°   | 133.3  | 132.8  | 127.5  | 128.5  | 129.6  | 129.1  | 129.1  | 125.9  | 125.4  | 123.2  | 121.1  |
| 12.5° | 257.1  | 262.9  | 267.1  | 267.1  | 257.1  | 260.8  | 253.9  | 255.5  | 256.5  | 253.4  | 242.3  |
| 15°   | 522.6  | 532.1  | 522.1  | 531.6  | 527.9  | 514.1  | 498.8  | 478.2  | 486.1  | 471.8  | 467.0  |
| 17.5° | 1144.6 | 1166.3 | 1157.3 | 1113.4 | 1127.7 | 1093.8 | 1072.7 | 1064.7 | 1042.5 | 976.4  | 948.9  |
| 20°   | 2077.1 | 2103.6 | 2078.7 | 2027.4 | 2043.8 | 1979.8 | 1963.4 | 1948.1 | 1849.7 | 1813.7 | 1698.4 |
| 21°   | 2469.6 | 2491.3 | 2500.8 | 2447.4 | 2414.6 | 2363.8 | 2321.5 | 2307.7 | 2248.0 | 2178.7 | 2060.2 |
| 22°   | 2943.5 | 2918.1 | 2861.0 | 2868.4 | 2819.7 | 2777.9 | 2719.2 | 2663.7 | 2597.1 | 2500.3 | 2402.4 |
| 23°   | 3336.0 | 3306.4 | 3279.4 | 3246.6 | 3194.2 | 3164.6 | 3080.5 | 3019.7 | 2932.9 | 2829.3 | 2735.1 |
| 24°   | 3701.5 | 3656.0 | 3639.1 | 3580.9 | 3566.1 | 3499.4 | 3431.2 | 3351.8 | 3247.1 | 3136.6 | 3032.4 |
| 25°   | 3960.1 | 3967.0 | 3952.2 | 3945.3 | 3869.7 | 3801.4 | 3733.7 | 3611.5 | 3522.2 | 3424.3 | 3264.0 |
| 26°   | 4237.3 | 4240.4 | 4233.0 | 4182.3 | 4114.0 | 4047.4 | 3960.1 | 3853.8 | 3724.2 | 3615.8 | 3470.8 |
| 27°   | 4449.4 | 4436.7 | 4426.1 | 4365.8 | 4309.7 | 4225.6 | 4146.3 | 4020.4 | 3894.0 | 3764.9 | 3596.7 |
| 28°   | 4618.6 | 4594.8 | 4581.6 | 4529.8 | 4464.2 | 4361.0 | 4263.7 | 4146.3 | 4019.9 | 3881.3 | 3699.3 |
| 29°   | 4720.7 | 4695.3 | 4680.5 | 4623.4 | 4547.8 | 4457.3 | 4358.9 | 4229.9 | 4093.9 | 3939.5 | 3756.5 |
| 30°   | 4756.2 | 4741.3 | 4718.1 | 4658.8 | 4580.5 | 4486.4 | 4385.4 | 4245.2 | 4102.9 | 3944.8 | 3751.2 |
| 31°   | 4732.9 | 4713.8 | 4691.6 | 4627.6 | 4543.0 | 4453.1 | 4335.7 | 4188.6 | 4038.9 | 3888.2 | 3683.0 |
| 32°   | 4640.3 | 4628.7 | 4601.7 | 4516.0 | 4447.3 | 4330.9 | 4215.1 | 4077.5 | 3914.1 | 3752.2 | 3566.6 |
| 33°   | 4466.8 | 4447.8 | 4424.5 | 4346.2 | 4258.4 | 4146.8 | 4031.5 | 3890.8 | 3728.4 | 3557.6 | 3353.4 |
| 34°   | 4202.4 | 4178.0 | 4148.9 | 4096.6 | 3984.4 | 3887.6 | 3754.4 | 3589.9 | 3455.5 | 3291.5 | 3106.9 |
| 35°   | 3838.5 | 3803.0 | 3768.1 | 3728.4 | 3602.6 | 3513.2 | 3423.2 | 3279.9 | 3150.3 | 2995.9 | 2786.9 |
| 36°   | 3430.1 | 3416.4 | 3387.8 | 3283.1 | 3242.4 | 3120.7 | 3048.2 | 2883.7 | 2779.0 | 2627.7 | 2455.3 |
| 37°   | 2968.4 | 2887.4 | 2928.7 | 2870.0 | 2747.3 | 2709.2 | 2623.0 | 2481.7 | 2368.6 | 2208.8 | 2084.0 |
| 38°   | 2473.3 | 2420.4 | 2449.5 | 2390.2 | 2326.2 | 2238.4 | 2172.9 | 2069.7 | 1942.8 | 1817.4 | 1698.9 |
| 39°   | 1960.2 | 1917.4 | 1949.1 | 1908.9 | 1811.6 | 1775.1 | 1716.9 | 1638.1 | 1536.0 | 1438.2 | 1326.0 |
| 40°   | 1477.8 | 1422.8 | 1465.1 | 1408.0 | 1363.6 | 1303.8 | 1274.2 | 1201.7 | 1138.3 | 1079.5 | 1008.1 |
| 42.5° | 674.9  | 669.1  | 659.6  | 638.9  | 634.2  | 634.7  | 598.2  | 574.4  | 542.2  | 504.6  | 481.9  |
| 45°   | 295.1  | 302.5  | 308.9  | 297.3  | 296.7  | 290.4  | 288.3  | 272.4  | 266.1  | 253.9  | 239.1  |
| 47.5° | 145.5  | 148.1  | 146.5  | 149.7  | 147.0  | 142.8  | 141.8  | 139.6  | 133.3  | 132.8  | 125.9  |
| 50°   | 34.4   | 33.9   | 33.9   | 34.4   | 33.9   | 33.9   | 33.3   | 32.3   | 31.7   | 32.3   | 30.7   |
| 52.5° | 11.1   | 11.6   | 11.1   | 10.6   | 11.1   | 11.6   | 11.1   | 11.1   | 11.1   | 11.1   | 11.1   |
| 55°   | 2.6    | 2.6    | 2.6    | 2.6    | 2.6    | 2.6    | 2.1    | 2.1    | 2.6    | 2.6    | 2.6    |
| 57.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 60°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 62.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 65°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 67.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 70°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 72.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 75°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 77.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 80°   | 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):**

|       | 0°  | 1°  | 2°  | 3°  | 4°  | 5°  | 6°  | 7°  | 8°  | 9°  | 10° |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 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):**

|       | 22.5°  | 45°   | 67.5° | 90°  | 112.5° | 135° | 157.5° | 180° |
|-------|--------|-------|-------|------|--------|------|--------|------|
| 0°    | 18.0   | 18.0  | 18.0  | 18.0 | 18.0   | 18.0 | 18.0   | 18.0 |
| 2.5°  | 32.3   | 27.5  | 22.7  | 18.0 | 13.2   | 10.6 | 10.0   | 9.5  |
| 5°    | 48.7   | 39.1  | 25.9  | 15.3 | 9.0    | 6.3  | 4.8    | 4.2  |
| 7.5°  | 65.6   | 48.7  | 28.6  | 12.7 | 6.3    | 2.6  | 1.1    | 0.5  |
| 10°   | 94.1   | 57.7  | 29.6  | 10.0 | 3.2    | 0.0  | 0.0    | 0.0  |
| 12.5° | 184.6  | 66.1  | 29.1  | 7.9  | 0.5    | 0.0  | 0.0    | 0.0  |
| 15°   | 306.8  | 92.6  | 27.0  | 5.3  | 0.0    | 0.0  | 0.0    | 0.0  |
| 17.5° | 502.5  | 119.5 | 23.3  | 3.7  | 0.0    | 0.0  | 0.0    | 0.0  |
| 20°   | 779.1  | 132.8 | 18.0  | 1.6  | 0.0    | 0.0  | 0.0    | 0.0  |
| 21°   | 913.5  | 133.8 | 15.9  | 1.1  | 0.0    | 0.0  | 0.0    | 0.0  |
| 22°   | 1029.8 | 133.8 | 13.8  | 0.5  | 0.0    | 0.0  | 0.0    | 0.0  |
| 23°   | 1137.7 | 132.2 | 12.2  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 24°   | 1226.6 | 130.1 | 11.1  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 25°   | 1293.2 | 126.9 | 10.0  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 26°   | 1323.9 | 122.7 | 8.5   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 27°   | 1339.3 | 116.9 | 7.4   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 28°   | 1328.7 | 110.5 | 6.3   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 29°   | 1302.2 | 103.7 | 4.8   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 30°   | 1267.8 | 95.7  | 3.7   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 31°   | 1217.6 | 87.8  | 2.6   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 32°   | 1148.8 | 79.9  | 2.1   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 33°   | 1056.8 | 71.4  | 1.1   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 34°   | 943.1  | 62.9  | 0.5   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 35°   | 815.6  | 55.5  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 36°   | 706.1  | 47.6  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 37°   | 596.1  | 38.1  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 38°   | 499.3  | 30.1  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 39°   | 413.1  | 24.3  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 40°   | 342.2  | 16.4  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 42.5° | 189.4  | 11.1  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 45°   | 114.8  | 6.3   | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 47.5° | 66.6   | 2.1   | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 50°   | 25.4   | 0.0   | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 52.5° | 8.5    | 0.0   | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 55°   | 2.1    | 0.0   | 0.0   | 0.5  | 0.0    | 0.0  | 0.0    | 0.0  |
| 57.5° | 0.0    | 0.0   | 0.0   | 0.5  | 0.0    | 0.0  | 0.0    | 0.0  |
| 60°   | 0.0    | 0.0   | 0.5   | 1.1  | 0.0    | 0.0  | 0.0    | 0.0  |
| 62.5° | 0.0    | 0.0   | 0.5   | 1.1  | 0.5    | 0.0  | 0.0    | 0.0  |
| 65°   | 0.0    | 0.0   | 1.1   | 1.1  | 0.5    | 0.0  | 0.0    | 0.0  |
| 67.5° | 0.0    | 0.0   | 1.1   | 1.6  | 0.5    | 0.0  | 0.0    | 0.0  |
| 70°   | 0.0    | 0.5   | 1.1   | 1.6  | 0.5    | 0.0  | 0.0    | 0.0  |
| 72.5° | 0.0    | 0.5   | 1.1   | 1.6  | 0.5    | 0.0  | 0.0    | 0.0  |
| 75°   | 0.0    | 0.5   | 1.1   | 1.6  | 0.5    | 0.0  | 0.0    | 0.0  |
| 77.5° | 0.0    | 0.5   | 1.1   | 1.6  | 0.5    | 0.0  | 0.0    | 0.0  |
| 80°   | 0.0    | 0.5   | 1.1   | 1.6  | 0.5    | 0.0  | 0.0    | 0.0  |



TEST NUMBER: P1325751

CATALOG NUMBER: LDSQA3D09R15W2N902750DE010 3LSQCA30R 1MMS\_2700K

**CANDELA DISTRIBUTION (continued):**

|       | 22.5° | 45° | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|-------|-----|--------|------|--------|------|
| 82.5° | 0.0   | 0.5 | 1.1   | 1.6 | 0.5    | 0.0  | 0.0    | 0.0  |
| 85°   | 0.0   | 0.5 | 1.1   | 1.6 | 0.5    | 0.0  | 0.0    | 0.0  |
| 87.5° | 0.0   | 0.5 | 1.1   | 1.6 | 0.5    | 0.0  | 0.0    | 0.0  |
| 90°   | 0.0   | 0.0 | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)