

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: P1309528

Luminaire Tested: LDSQA3D20R259030D010 3LSQCA45R 1MMS

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1309528  
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: LDSQA3D20R259030D010 3LSQCA45R 1MMS  
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , 3LSQCA45R 1MMS TRII  
Light Source: -  
Ballast/Driver: -

**Summary**

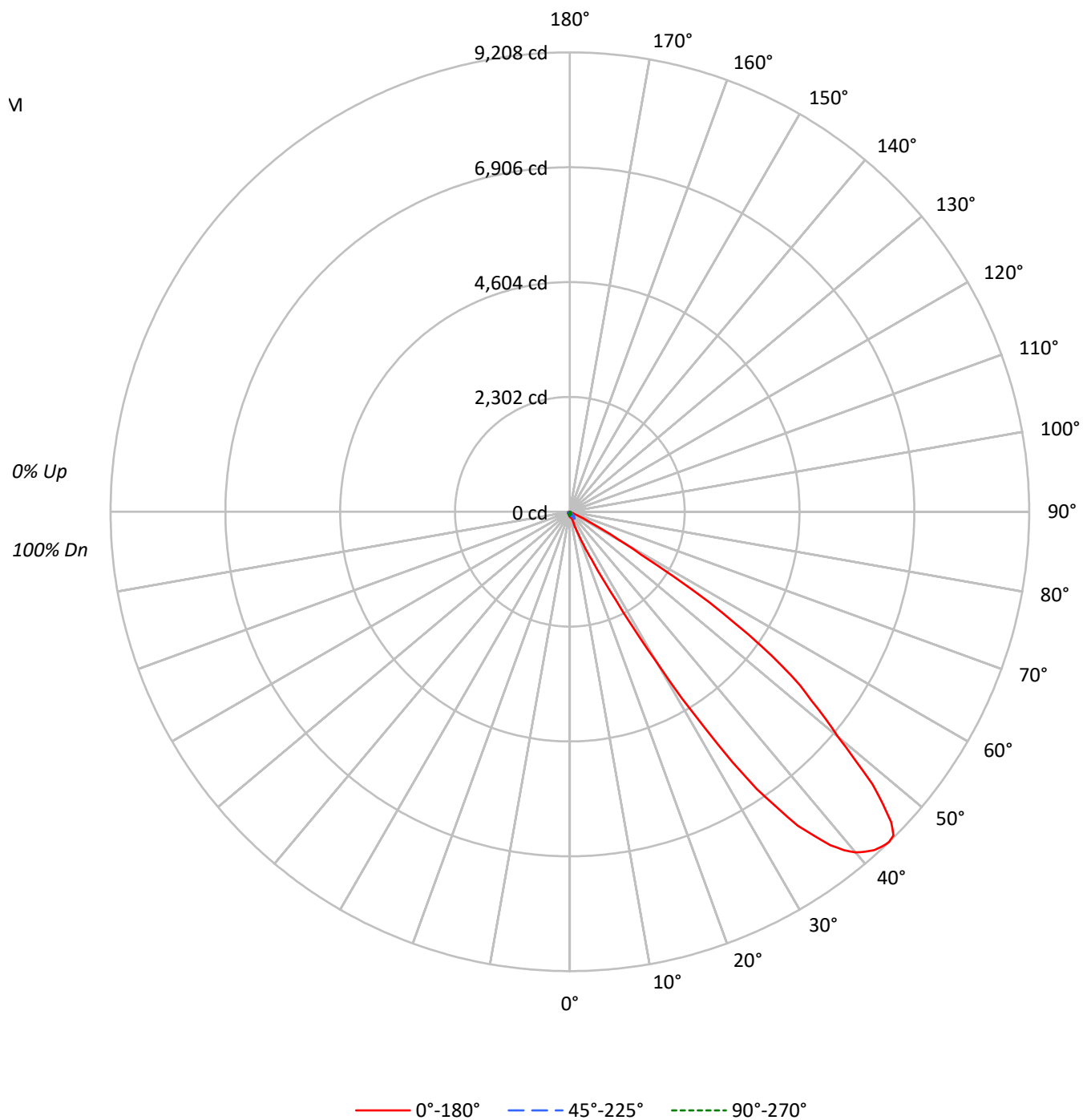
Lumens per Lamp: N/A  
Luminaire Lumens: 1920.0 lumens  
Efficiency: N/A  
Efficacy: 66.7 lumens/watt  
Spacing Criteria (0/90/45): 3.65 / 0.61 / 1.37  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 28.8  
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: P1309528

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### Luminous Intensity Polar Plot



TEST NUMBER: P1309528

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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°  | 16878   | 16878 | 16878 | 16878 | 16878 |
| 5°  | 19276   | 18394 | 16354 | 14608 | 14315 |
| 10° | 19202   | 17435 | 13885 | 12119 | 12119 |
| 15° | 21396   | 15066 | 10841 | 10234 | 10841 |
| 20° | 75564   | 14864 | 8357  | 8669  | 9604  |
| 25° | 217352  | 18946 | 6746  | 8019  | 9311  |
| 30° | 693484  | 29233 | 5369  | 7736  | 9406  |
| 35° | 1518915 | 34459 | 4625  | 7464  | 9587  |
| 40° | 2003692 | 31138 | 3799  | 7599  | 10252 |
| 45° | 2234489 | 21799 | 3702  | 8232  | 11106 |
| 50° | 1880901 | 11307 | 3617  | 8601  | 12218 |
| 55° | 1406242 | 4564  | 3543  | 9638  | 13692 |
| 60° | 435310  | 1171  | 3479  | 10471 | 15121 |
| 65° | 37165   | 0     | 4116  | 11003 | 16504 |
| 70° | 2568    | 856   | 4230  | 12740 | 18732 |
| 75° | 2262    | 1131  | 5590  | 13508 | 21360 |
| 80° | 1686    | 1686  | 8331  | 15075 | 25092 |
| 85° | 3359    | 3359  | 13437 | 16599 | 26676 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2234489 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 8.8    | 0.5       |
| 10°-20°   | 22.6   | 1.2       |
| 20°-30°   | 106.2  | 5.5       |
| 30°-40°   | 511.4  | 26.6      |
| 40°-50°   | 801.6  | 41.8      |
| 50°-60°   | 411.0  | 21.4      |
| 60°-70°   | 38.8   | 2.0       |
| 70°-80°   | 13.0   | 0.7       |
| 80°-90°   | 6.5    | 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°    | 137.6  | 7.2       |
| 0°-40°    | 649.0  | 33.8      |
| 0°-60°    | 1861.6 | 97.0      |
| 0°-90°    | 1920.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1920.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 98   | 98  | 98  | 98   | 98   |      |
| 5°  | 112  | 106 | 95  | 84   | 83   | 11   |
| 15° | 120  | 84  | 61  | 57   | 61   | 51   |
| 25° | 1144 | 100 | 36  | 42   | 49   | 709  |
| 35° | 7224 | 164 | 22  | 36   | 46   | 4386 |
| 45° | 9174 | 90  | 15  | 34   | 46   | 6713 |
| 55° | 4683 | 15  | 12  | 32   | 46   | 3899 |
| 65° | 91   | 0   | 10  | 27   | 40   | 286  |
| 75° | 3    | 2   | 8   | 20   | 32   | 4    |
| 85° | 2    | 2   | 7   | 8    | 14   | 1    |
| 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°    | 98.0   | 98.0   | 98.0   | 98.0   | 98.0   | 98.0   | 98.0   | 98.0   | 98.0   | 98.0   | 98.0  |
| 2.5°  | 106.4  | 106.4  | 106.4  | 106.4  | 106.4  | 106.4  | 104.8  | 104.8  | 106.4  | 104.8  | 104.8 |
| 5°    | 111.5  | 111.5  | 111.5  | 111.5  | 111.5  | 111.5  | 111.5  | 109.8  | 109.8  | 109.8  | 106.4 |
| 7.5°  | 113.2  | 111.5  | 111.5  | 111.5  | 111.5  | 111.5  | 111.5  | 111.5  | 109.8  | 109.8  | 104.8 |
| 10°   | 109.8  | 109.8  | 109.8  | 109.8  | 108.1  | 108.1  | 108.1  | 106.4  | 106.4  | 106.4  | 99.7  |
| 12.5° | 109.8  | 109.8  | 109.8  | 109.8  | 108.1  | 108.1  | 106.4  | 106.4  | 104.8  | 103.1  | 91.2  |
| 15°   | 120.0  | 120.0  | 120.0  | 118.3  | 116.6  | 114.9  | 113.2  | 111.5  | 109.8  | 106.4  | 84.5  |
| 17.5° | 175.7  | 170.6  | 169.0  | 162.2  | 153.7  | 145.3  | 138.5  | 131.8  | 125.0  | 120.0  | 81.1  |
| 20°   | 412.3  | 410.6  | 402.1  | 381.8  | 359.9  | 334.5  | 309.2  | 280.5  | 239.9  | 212.9  | 81.1  |
| 22.5° | 714.7  | 704.5  | 689.3  | 674.1  | 635.3  | 589.7  | 542.3  | 488.3  | 435.9  | 380.1  | 86.2  |
| 25°   | 1143.8 | 1167.5 | 1116.8 | 1076.2 | 1008.7 | 925.9  | 836.3  | 762.0  | 667.4  | 579.5  | 99.7  |
| 27.5° | 1988.6 | 2003.8 | 1904.1 | 1772.3 | 1615.2 | 1441.2 | 1272.2 | 1145.5 | 986.7  | 841.4  | 125.0 |
| 30°   | 3487.2 | 3502.4 | 3335.2 | 3054.7 | 2730.3 | 2444.8 | 2057.9 | 1718.3 | 1405.7 | 1164.1 | 147.0 |
| 31°   | 4352.3 | 4234.0 | 4039.7 | 3767.7 | 3357.1 | 2926.3 | 2461.7 | 2051.1 | 1655.8 | 1338.1 | 153.7 |
| 32°   | 5104.1 | 5094.0 | 4867.6 | 4455.4 | 4043.1 | 3510.9 | 2934.8 | 2399.2 | 1914.3 | 1513.8 | 158.8 |
| 33°   | 5991.2 | 5923.6 | 5604.3 | 5215.7 | 4669.9 | 4134.3 | 3390.9 | 2779.3 | 2179.5 | 1709.8 | 162.2 |
| 34°   | 6702.5 | 6520.0 | 6388.2 | 5943.9 | 5367.7 | 4685.1 | 3889.4 | 3181.4 | 2510.7 | 1899.1 | 163.9 |
| 35°   | 7224.5 | 7185.7 | 6928.9 | 6514.9 | 5928.6 | 5230.9 | 4426.6 | 3598.8 | 2787.8 | 2118.7 | 163.9 |
| 36°   | 7777.0 | 7657.1 | 7407.0 | 7031.9 | 6460.9 | 5739.4 | 4837.2 | 3960.3 | 3110.5 | 2316.4 | 162.2 |
| 37°   | 8123.4 | 8052.4 | 7804.1 | 7417.1 | 6857.9 | 6168.6 | 5296.8 | 4342.2 | 3367.3 | 2514.1 | 158.8 |
| 38°   | 8479.9 | 8336.3 | 8091.3 | 7721.3 | 7172.2 | 6525.1 | 5629.6 | 4636.1 | 3603.8 | 2688.1 | 153.7 |
| 39°   | 8726.6 | 8577.9 | 8327.8 | 7959.5 | 7422.2 | 6780.2 | 5893.2 | 4886.2 | 3809.9 | 2818.2 | 147.0 |
| 40°   | 8912.4 | 8768.8 | 8515.4 | 8136.9 | 7606.4 | 6981.2 | 6112.8 | 5107.5 | 3982.3 | 2931.4 | 138.5 |
| 41°   | 9027.3 | 8893.8 | 8642.1 | 8265.3 | 7733.1 | 7096.1 | 6256.4 | 5251.1 | 4098.9 | 3007.4 | 130.1 |
| 42°   | 9123.6 | 8986.7 | 8729.9 | 8344.7 | 7810.8 | 7194.1 | 6344.3 | 5342.4 | 4178.3 | 3046.3 | 123.3 |
| 43°   | 9177.7 | 9040.8 | 8790.8 | 8397.1 | 7858.1 | 7239.7 | 6391.6 | 5384.6 | 4205.3 | 3041.2 | 111.5 |
| 44°   | 9208.1 | 9066.2 | 8814.4 | 8420.7 | 7878.4 | 7251.6 | 6395.0 | 5376.2 | 4186.7 | 3000.6 | 101.4 |
| 45°   | 9174.3 | 9034.0 | 8790.8 | 8397.1 | 7842.9 | 7214.4 | 6361.2 | 5330.5 | 4115.8 | 2921.2 | 89.5  |
| 46°   | 8954.6 | 8846.5 | 8623.5 | 8261.9 | 7731.4 | 7119.8 | 6275.0 | 5242.7 | 4005.9 | 2823.2 | 76.0  |
| 47°   | 8567.7 | 8481.6 | 8265.3 | 7996.7 | 7516.8 | 6945.8 | 6116.2 | 5075.4 | 3852.2 | 2676.3 | 60.8  |
| 48°   | 8163.9 | 8037.2 | 7836.2 | 7560.8 | 7155.3 | 6633.2 | 5854.3 | 4830.4 | 3619.0 | 2483.6 | 54.1  |
| 49°   | 7567.5 | 7493.2 | 7315.8 | 7008.3 | 6672.1 | 6212.5 | 5484.3 | 4516.2 | 3333.5 | 2274.1 | 47.3  |
| 50°   | 7020.1 | 6969.4 | 6721.0 | 6494.6 | 6138.2 | 5709.0 | 4982.5 | 4102.2 | 2978.7 | 2013.9 | 42.2  |
| 51°   | 6592.6 | 6531.8 | 6352.7 | 6070.6 | 5690.4 | 5192.0 | 4507.7 | 3565.0 | 2571.5 | 1704.8 | 33.8  |
| 52°   | 6146.6 | 6112.8 | 5954.0 | 5663.4 | 5290.0 | 4793.3 | 4046.5 | 3108.8 | 2176.1 | 1441.2 | 27.0  |
| 53°   | 5781.7 | 5732.7 | 5538.4 | 5279.9 | 4876.1 | 4362.4 | 3546.4 | 2684.7 | 1843.3 | 1211.4 | 23.7  |
| 54°   | 5249.4 | 5229.2 | 5104.1 | 4833.8 | 4396.2 | 3837.0 | 3093.6 | 2260.6 | 1537.5 | 1027.2 | 20.3  |
| 55°   | 4683.4 | 4615.9 | 4489.1 | 4274.6 | 3872.5 | 3350.4 | 2569.8 | 1873.7 | 1243.5 | 865.1  | 15.2  |
| 56°   | 3994.1 | 3990.7 | 3764.3 | 3585.2 | 3228.7 | 2674.6 | 2052.8 | 1463.2 | 1010.4 | 721.4  | 13.5  |
| 57°   | 3335.2 | 3228.7 | 3010.8 | 2833.4 | 2449.9 | 2029.2 | 1524.0 | 1096.5 | 790.7  | 584.6  | 10.1  |
| 58°   | 2466.8 | 2411.0 | 2353.5 | 2093.4 | 1738.6 | 1437.8 | 1088.1 | 770.4  | 584.6  | 446.0  | 6.8   |
| 59°   | 1674.3 | 1672.7 | 1605.1 | 1407.4 | 1203.0 | 895.5  | 679.2  | 523.8  | 402.1  | 327.8  | 5.1   |
| 60°   | 1263.8 | 1233.4 | 1098.2 | 968.1  | 756.9  | 566.0  | 402.1  | 309.2  | 250.1  | 211.2  | 3.4   |
| 62.5° | 442.7  | 459.6  | 403.8  | 334.5  | 255.1  | 209.5  | 160.5  | 130.1  | 106.4  | 86.2   | 0.0   |
| 65°   | 91.2   | 99.7   | 86.2   | 81.1   | 64.2   | 55.8   | 49.0   | 42.2   | 35.5   | 30.4   | 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° | 11.8 | 10.1 | 10.1 | 10.1 | 8.4 | 8.4   | 8.4 | 8.4   | 6.8 | 6.8   | 1.7 |
| 70°   | 5.1  | 5.1  | 5.1  | 5.1  | 5.1 | 5.1   | 3.4 | 3.4   | 3.4 | 3.4   | 1.7 |
| 72.5° | 5.1  | 5.1  | 5.1  | 3.4  | 3.4 | 3.4   | 3.4 | 3.4   | 3.4 | 1.7   | 1.7 |
| 75°   | 3.4  | 3.4  | 3.4  | 3.4  | 3.4 | 3.4   | 3.4 | 1.7   | 1.7 | 1.7   | 1.7 |
| 77.5° | 3.4  | 3.4  | 3.4  | 3.4  | 3.4 | 3.4   | 1.7 | 1.7   | 1.7 | 1.7   | 1.7 |
| 80°   | 1.7  | 1.7  | 1.7  | 1.7  | 1.7 | 1.7   | 1.7 | 1.7   | 1.7 | 1.7   | 1.7 |
| 82.5° | 1.7  | 1.7  | 1.7  | 1.7  | 1.7 | 1.7   | 1.7 | 1.7   | 1.7 | 1.7   | 3.4 |
| 85°   | 1.7  | 1.7  | 1.7  | 0.0  | 0.0 | 1.7   | 1.7 | 1.7   | 1.7 | 1.7   | 1.7 |
| 87.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 1.7 |
| 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°    | 98.0  | 98.0 | 98.0   | 98.0 | 98.0   | 98.0 |
| 2.5°  | 103.1 | 99.7 | 94.6   | 92.9 | 91.2   | 91.2 |
| 5°    | 101.4 | 94.6 | 89.5   | 84.5 | 82.8   | 82.8 |
| 7.5°  | 96.3  | 87.9 | 81.1   | 77.7 | 76.0   | 74.3 |
| 10°   | 91.2  | 79.4 | 72.7   | 69.3 | 69.3   | 69.3 |
| 12.5° | 81.1  | 71.0 | 64.2   | 62.5 | 64.2   | 64.2 |
| 15°   | 72.7  | 60.8 | 57.4   | 57.4 | 59.1   | 60.8 |
| 17.5° | 62.5  | 54.1 | 50.7   | 52.4 | 54.1   | 55.8 |
| 20°   | 55.8  | 45.6 | 45.6   | 47.3 | 52.4   | 52.4 |
| 22.5° | 49.0  | 40.5 | 40.5   | 45.6 | 49.0   | 50.7 |
| 25°   | 43.9  | 35.5 | 37.2   | 42.2 | 47.3   | 49.0 |
| 27.5° | 37.2  | 30.4 | 33.8   | 40.5 | 45.6   | 47.3 |
| 30°   | 32.1  | 27.0 | 32.1   | 38.9 | 43.9   | 47.3 |
| 31°   | 30.4  | 25.3 | 32.1   | 37.2 | 43.9   | 47.3 |
| 32°   | 27.0  | 25.3 | 30.4   | 37.2 | 43.9   | 45.6 |
| 33°   | 25.3  | 23.7 | 30.4   | 37.2 | 43.9   | 45.6 |
| 34°   | 23.7  | 22.0 | 28.7   | 37.2 | 43.9   | 45.6 |
| 35°   | 20.3  | 22.0 | 28.7   | 35.5 | 42.2   | 45.6 |
| 36°   | 18.6  | 20.3 | 28.7   | 35.5 | 42.2   | 45.6 |
| 37°   | 16.9  | 20.3 | 27.0   | 35.5 | 42.2   | 45.6 |
| 38°   | 15.2  | 18.6 | 27.0   | 35.5 | 42.2   | 45.6 |
| 39°   | 13.5  | 18.6 | 25.3   | 35.5 | 42.2   | 45.6 |
| 40°   | 11.8  | 16.9 | 25.3   | 33.8 | 42.2   | 45.6 |
| 41°   | 11.8  | 16.9 | 25.3   | 33.8 | 42.2   | 45.6 |
| 42°   | 10.1  | 16.9 | 25.3   | 33.8 | 42.2   | 45.6 |
| 43°   | 8.4   | 15.2 | 25.3   | 33.8 | 42.2   | 45.6 |
| 44°   | 6.8   | 15.2 | 23.7   | 33.8 | 42.2   | 45.6 |
| 45°   | 6.8   | 15.2 | 23.7   | 33.8 | 42.2   | 45.6 |
| 46°   | 5.1   | 13.5 | 23.7   | 33.8 | 42.2   | 45.6 |
| 47°   | 3.4   | 13.5 | 23.7   | 32.1 | 42.2   | 45.6 |
| 48°   | 3.4   | 13.5 | 23.7   | 32.1 | 42.2   | 45.6 |
| 49°   | 3.4   | 13.5 | 22.0   | 32.1 | 42.2   | 45.6 |
| 50°   | 3.4   | 13.5 | 22.0   | 32.1 | 42.2   | 45.6 |
| 51°   | 1.7   | 11.8 | 22.0   | 32.1 | 42.2   | 45.6 |
| 52°   | 1.7   | 11.8 | 22.0   | 32.1 | 42.2   | 47.3 |
| 53°   | 1.7   | 11.8 | 22.0   | 32.1 | 42.2   | 45.6 |
| 54°   | 1.7   | 11.8 | 20.3   | 32.1 | 42.2   | 45.6 |
| 55°   | 1.7   | 11.8 | 20.3   | 32.1 | 42.2   | 45.6 |
| 56°   | 1.7   | 10.1 | 20.3   | 30.4 | 42.2   | 45.6 |
| 57°   | 3.4   | 10.1 | 20.3   | 30.4 | 42.2   | 43.9 |
| 58°   | 3.4   | 10.1 | 20.3   | 30.4 | 40.5   | 43.9 |
| 59°   | 3.4   | 10.1 | 20.3   | 30.4 | 40.5   | 43.9 |
| 60°   | 3.4   | 10.1 | 18.6   | 30.4 | 40.5   | 43.9 |
| 62.5° | 3.4   | 10.1 | 18.6   | 28.7 | 38.9   | 42.2 |
| 65°   | 3.4   | 10.1 | 16.9   | 27.0 | 38.9   | 40.5 |



TEST NUMBER: P1309528

CATALOG NUMBER: LDSQA3D20R259030D010 3LSQCA45R 1MMS

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 3.4   | 8.4 | 16.9   | 25.3 | 37.2   | 38.9 |
| 70°   | 5.1   | 8.4 | 15.2   | 25.3 | 35.5   | 37.2 |
| 72.5° | 5.1   | 8.4 | 15.2   | 22.0 | 32.1   | 35.5 |
| 75°   | 5.1   | 8.4 | 13.5   | 20.3 | 30.4   | 32.1 |
| 77.5° | 5.1   | 8.4 | 11.8   | 18.6 | 27.0   | 28.7 |
| 80°   | 6.8   | 8.4 | 10.1   | 15.2 | 23.7   | 25.3 |
| 82.5° | 6.8   | 8.4 | 8.4    | 11.8 | 18.6   | 20.3 |
| 85°   | 5.1   | 6.8 | 6.8    | 8.4  | 11.8   | 13.5 |
| 87.5° | 5.1   | 6.8 | 5.1    | 3.4  | 6.8    | 6.8  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)